

CICS Transaction Server for z/OS  
5.5

*CICSplex SM Resource Tables Reference*



**Note**

Before using this information and the product it supports, read the information in [“Notices” on page 1387](#).

This edition applies to the IBM® CICS® Transaction Server for z/OS® Version 5 Release 5 (product number 5655-Y04) and to all subsequent releases and modifications until otherwise indicated in new editions.

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## About this PDF

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This PDF describes the format and content of CICSplex<sup>®</sup>SM resource tables. The resource tables can be accessed by the application programming interface (API) or the batched repository-update facility, or can be used in real-time analysis. A set of machine-readable copybooks is provided for each CICSplex SM resource table. The set consists of one copybook for each language supported by the API. Before CICS TS V5.4, these tables were split across two PDFs.

For details of the terms and notation used in this book, see [Conventions and terminology used in the CICS documentation](#) in IBM Knowledge Center.

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# Chapter 1. Developing system programs using CICSplex SM resource tables

CICSplex® SM resource tables describe the information available for resource classes created or managed by CICSplex SM.

A resource class is a template that describes the attributes of the actual objects that exist in a CICSplex. For example, a local transaction installed in a CICS system has the attributes described by the LOCTRAN resource class. Likewise, the MONDEF resource class describes the attributes of each CICSplex SM monitor definition created by a user.

Each resource class in CICSplex SM has a unique name. The resource class name is used as the name of the resource table that describes its attributes. In many, but not all, cases the resource class name is the same as the Web User Interface (WUI) view that provides information about the resource class. The view names are relative distinguishing names that have a meaning only within the WUI. A resource class name is a unique distinguishing name in CICSplex SM. All requests for resource data from the API, batched repository-update facility, or RTA evaluation definitions must use the resource class name that is defined in the resource table.

The terms *resource table* and *resource class* are used to refer to the resource class. The terms *attribute* and *field* are both used to refer to a resource class attribute definition.

---

## CICS definition resource tables

The CICS definition resource tables describe resource definitions that CICSplex SM can assign to and possibly install in CICS systems.

*Table 1.*

---

### Summary of resource tables

ATOMDEF	FEPRODEF	PROFDEF
BUNDDEF	FETRGDEF	PROGDEF
CONNDEF	FILEDEF	PRTNDEF
CSDGROUP	FSEGDEF	RQMDEF
CSDINGRP	IPCONDEF	SESSDEF
CSDINLST	JRNLEDEF	TCPDEF
CSDLIST	JRNMDEF	TDQDEF
DB2CDEF	JVMSVDEF	TERMDEF
DB2EDEF	LIBDEF	TRANDEF
DB2TDEF	LIBDSN	TRNCLDEF
DOCDEF	LSRDEF	TSMDEF
EJCODEF	MAPDEF	TYPTMDEF
EJDJDEF	MQCONDEF	URIMPDEF
ENQMDEF	PARTDEF	WEBSVDEF
FENODDEF	PIPEDEF	
FEPOODEF	PROCDEF	

## CICS operations resource tables

---

The CICS operations resource tables describe resources that exist in active CICS systems that are being managed by CICSplex SM.

Table 2.

---

### Summary of resource tables

AIMODEL	EXTRATDQ	RECOVERY
ATOMSERV	FEPICONN	REMFIL
BRFACIL	FEPINODE	REMTDQ
BUNDLE	FEPPOOL	REMTAN
BUNDPART	FEPIPROP	REQID
CFDTPOOL	FEPITRGT	RPLLIST
CICSDSA	HOST	RQMODEL
CICSPAGP	HTASK	SMFJRN
CICSRGN	INDTDQ	STREAMNM
CICSSTOR	INTRATDQ	SYSDUMP
CLCACHE	IPCONN	SYSPARM
CMDT	IPFACIL	TAPEJRN
CONNECT	JRNLMODL	TASK
DBCTLSS	JRNLNAM	TASKESTG
DB2CONN	JVM	TASKFILE
DB2ENTRY	JVMPPOOL	TASKRMI
DB2PKGST	JVMPROF	TASKTSQ
DB2SS	JVMSERV	TASKASSC
DB2THRD	LIBRARY	TCPIPGBL
DB2TRAN	LOADACT	TCPIPS
DB2TRN	LOADER	TDQGBL
DOCTEMP	LOCFILE	TERMNL
DOMSPOOL	LOCTRAN	TRANCLAS
DSKJRN	LSRPBUF	TRANDUMP
DSNAME	LSRPOOL	TSKSPOLS
DSPGBL	MASHIST	TSKSPOOL
DSPMODE	MASSTAT	TSMODEL
DSPPOOL	MODENAME	TSPOOL
EJCOBEAN	MONITOR	TSQGBL
EJCOSE	MQCON	TSQNAME
EJDJAR	MQCONN	TSQSHR
EJDJBEAN	MQINI	TSQUEUE
ENQMODEL	MVSESTG	UOW
ENQUEUE	MVSTCB	UOWDSNF
EPADAPT	MVSTCBGL	UOWENQ
EPADSET	MVSWLM	UOWLINK
EPAINSET	NODEJSAP	URIINGRP
EVCSDATA	OSGIBUND	URIMPGBL
EVCSINFO	OSGISERV	URIMAP
EVCSOPT	PARTNER	VOLUME
EVCSPEC	PIPELINE	WEBSERV
EVNTBIND	PIPINGRP	WORKREQ
EVNTGBL	PROCTYP	XMLTRANS
EXCI	PROFILE	
EXITGLUE	PROGRAM	
EXITTRUE		
EXTGLORD		

## CICS monitored resource tables

---

The following table lists resources that exist in active CICSplex SMs and which are being monitored by CICSplex SM.

Table 3.

---

### Summary of resource tables

MCICSDSA	MJRNLNAM	MREMFIL
MCICSRGN	MLOCFIL	MREMTDQ
MCMDT	MLOCTAN	MREMTAN
MCONNECT	MLSRPBU	MTDQGBL
MDB2THRD	MLSRPOOL	MTERMNL
MFEPICON	MMODNAME	MTRANCLS
MINDTDQ	MNTRATDQ	MTSQGBL
MJOURNAL	MPROGRAM	MXTRATDQ

## CICSplex SM definition resource tables

---

The CICSplex SM definition resource tables are used by CICSplex SM management applications, such as Workload Manager and Business Application Services.

Table 4.

---

### Summary of resource tables

ACTION	JRMINGRP	RESINDSC
APPLDEF	JRNINGRP	RESINGRP
APSPEC	LIBDEF	RQMINGRP
ATMINGRP	LIBINGRP	RTADEF
BUNINGRP	LNKSMSCG	RTAGROUP
CMDMPAPS	LNKSMSCS	RTAINAPS
CMDMSAPS	LNKSRSCG	RTAINGRP
CONINGRP	LNKSRSCS	RTAINSPC
CSGLCGCG	LNKSWSCG	RTASPEC
CSGLCGCS	LNKSWSCS	SESINGRP
CSYSDEF	LSRINGRP	STAINGRP
CSYSGRP	MAPINGRP	STATDEF
DOCDEF	MONDEF	SYSLINK
DOCINGRP	MONGROUP	TCLINGRP
DTRINGRP	MONINGRP	TCPINGRP
D2CINGRP	MONINSPC	TDQINGRP
D2EINGRP	MONSPEC	TERMDEF
D2TINGRP	MQCINGRP	TRANGRP
EJCINGRP	PARINGRP	TRMINGRP
EJCODEF	PERIODEF	TRNINGRP
EJDINGRP	PGMINGRP	TSMINGRP
ENQINGRP	PIPEDEF	TYPINGRP
EVALDEF	PLATDEF	URIMPDEF
FILINGRP	PRCINGRP	WEBINGRP
FNOINGRP	PRNINGRP	WEBSVDEF
FPOINGRP	PROGDEF	WLMDEF
FPRINGRP	PROINGRP	WLMGROUP
FSGINGRP	RASGNDEF	WLMINGRP
FTRINGRP	RASINDSC	WLMINSPC
IPCINGRP	RESDESC	WLMSPEC
JMSINGRP	RESGROUP	

## CICSplex SM configuration definition resource tables

---

CICSplex SM uses the following definitions for configuration purposes:

- CMTCMDEF
- CMTPMDEF
- CPLXCMAS
- CPLEXDEF

## CICSplex SM management resource tables

---

A list of runtime resources that are either built from CICSplex SM definitions or created by CICSplex SM management applications during processing.

*Table 5.*

---

### Summary of resource tables

APACTV	CRESFEND	CRESURIM
APPLCTN	CRESFEPO	CRESWEBS
BATCHREP	CRESFETR	CRESXMLT
CICSPLEX	CRESFILE	EVENT
CMAS	CRESGLUE	EVENTDTL
CMASLIST	CRESIPCN	MAS
CMASPLEX	CRESJRNL	MGMTPART
CMTMMLNK	CRESJRNM	PLATFORM
CMTPMLNK	CRESJVMS	POLMON
CRESAIMD	CRESLIBR	RASPROC
CRESATOM	CRESMODE	RDSCPROC
CRESBUND	CRESNODJ	RTAACTV
CRESCONN	CRESPART	SYSRES
CRESDB2C	CRESPIPE	WLMATAFF
CRESDB2E	CRESPRGM	WLMATARG
CRESDB2P	CRESPROF	WLMATGRP
CRESDB2T	CRESPTY	WLMATRAN
CRESDOCT	CRESRQMD	WLMAWAOR
CRESDSNM	CRESSDMP	WLMAWDEF
CRESENQM	CRESTCPS	WLMAWORK
CRESEPAD	CRESTDMP	WLMAWTOR
CRESEPAS	CRESTDQ	
CRESEVBD	CRESTERM	
CRESEVCS	CRESTRAN	
CRESFECO	CRESTRUE	
	CRESTSMD	



## CICSplex SM notification resource tables

---

The CICSplex SM notification resource tables list messages that are generated asynchronously by CICSplex SM managed objects to report an interesting event.

Table 6.

---

### Summary of resource tables

EACTNTFN	ERMCCONN	ERMCOGS
ECSYSCHG	ERMCDDB2C	ERMCPART
EDEFCHG	ERMCDDB2E	ERMCPPIPE
ELIGNAL	ERMCDDB2P	ERMCPRGM
EMASJOIN	ERMCDDB2T	ERMCPROF
EMASSICK	ERMCDDOCT	ERMCPRTY
EMASSTOP	ERMCDSDNM	ERMCRQMD
EMASSTRT	ERMCDENQM	ERMCSDMP
EMASWELL	ERMCEPAD	ERMCTCPS
EMCICS	ERMCEPAS	ERMCTDMP
EMCONN	ERMCEVBD	ERMCTDQ
EMDBX	ERMCEVCS	ERMCTERM
EMFILE	ERMCEVSD	ERMCTRAN
EMGLBL	ERMCEVSI	ERMCTRUE
EMJRN	ERMCEVSO	ERMCTSMD
EMPROG	ERMCFECO	ERMCCURIM
EMSTATUS	ERMCFEND	ERMCCWEBS
EMTDQS	ERMCFEPO	ERMCCXMLT
EMTERM	ERMCFETR	ERMCCONN
EMTRAN	ERMCFEFILE	ERMCCFILE
EPLEXCHG	ERMCCGLUE	ERMCCJRN
ERESSTAT	ERMCCIPCN	ERMCCPRGM
ERMCAIMD	ERMCCJRN	ERMCCTDQ
ERMCAATOM	ERMCCJRN	ERMCCTERM
ERMCBUND	ERMCCJMS	ERMCCTRAN
	ERMCLIBR	ESGRPCHG
	ERMCMODE	
	ERMCCNODJ	
	ERMCCOSGB	

## CICSplex SM metadata resource tables

---

The following table list objects that describe the structure of other CICSplex SM managed objects, including general characteristics, valid actions, and object attributes.

Table 7.

---

### Summary of resource tables

ASYNCREQ	METADESC
ATTR	METANAME
ATTRAVA	METAPARM
BINCONRS	OBJACT
BINCONSC	OBJECT
BINSTERR	OBJSTAT
FEEDBACK	PARMAVA

## Resource class key attributes

---

Each resource class can have many object instances in a CICSplex. Each object instance is a named entity and one or more attributes provide the instance key.

For example, the attribute TRANID in the LOCTRAN resource class identifies the attribute that is the name or key field. Resource class key fields are highlighted in the resource table descriptions. Some resource classes have multiple key fields.

For resource classes that describe CICSplex SM definitions, the key attributes are used to construct the physical keys used in the EYUDREP VSAM KSDS file. For these resource classes, one or two key fields are defined. One key field is identified as the **Primary** key. The other field, if used, is identified as the **Secondary** key. A suffix of *-n*, where *n* is the key level number, is added to the name in the table.

Key fields are used to:

- Uniquely identify resources for the CREATE, UPDATE, and REMOVE statements in the API and batched repository-update facility.

When you create, update, or remove a CICSplex SM definition, you must supply all the key values. Furthermore, the values for the key fields must be specific; generic values are not allowed.

- Identify the selection criteria for the LIST or DUMP statements in the batched repository-update facility.

When you list or dump CICSplex SM definitions, only the **Primary** key field can be referenced. For these statements, both specific and generic values are allowed for key fields.

- Identify object instances in an evaluation definition.

The instance pattern field in the EVALDEF create panel identifies a specific or generic pattern for the key field of a resource table. The INSTANCE attribute of the EVALDEF resource table is the field in which this information is stored.

The CICSplex SM resource table descriptions in the following sections identify the **Primary** key field for each CICSplex definition resource class. The CICSplex SM notification resource class does not have key fields. The content of the notification identifies the objects associated with the notification.

## Special attribute and resource table considerations

---

Certain attributes in the CICSplex SM resource tables are for internal use only; you should not attempt to modify or manipulate them. Similarly, certain resource tables can be accessed only in certain ways.

### EYU\_ attributes

In CICS resource and CICS monitored tables, CICSplex SM uses the following attributes to uniquely identify which CICS system contains the resource:

- EYU\_CICSNAME
- EYU\_CICSREL

These attributes are included in every CICS resource and CICS monitored resource table record and can be used by the CICSplex SM API. However, you cannot refer to these attributes in any batched repository-update facility command.

### CHANGEAGENT, CHANGEAGREL, CHANGETIME, CHANGEUSRID, and CREATETIME attributes

The resource table descriptions identify the CHANGETIME attribute for CICSplex SM and CICS definitions. The CHANGETIME attribute always contains the date and time of the last modification to the definition. CICS definition resource tables also include the CREATETIME attribute, which is the date and time when the definition was created.

Attribute fields CHANGEAGENT, CHANGEAGREL, and CHANGEUSRID in the resource table resource definition record, combined with the existing CHANGETIME and CREATETIME attributes, form the resource definition signature and are valid only for BAS resource definitions.

CHANGEAGENT displays how the resource was defined or last modified. CHANGEAGREL contains the level of CICS system that created or last modified the resource definition. CHANGEUSRID contains the user ID that created or last modified the resource definition.

The CHANGEAGENT, CHANGEAGREL, CHANGETIME, CHANGEUSRID and CREATETIME attributes are maintained internally by CICSplex SM. Do not attempt to change their values in any way.

## LNKSxSCG Records (LNKSMSCG, LNKSRSCG, LNKSWSCG)

When a CICSplex SM specification-to-CICS group link record (LNKSxSCG) is created or removed, an additional operand, **keyword**, is required. This keyword indicates how the link being created or removed applies to the current members of the CICS system group.

The keywords for the CREATE and REMOVE commands are as follows:

### CREATE

Specify one of the following parameters:

#### FORCE

All current members of the CICS system group should have implicit links established to the named specification. When a link already exists, it is replaced with the newly created link.

#### NULL

Current members of the CICS system group should have implicit links established to the named specification only if no link already exists.

#### NONE

No implicit links should be established.

### REMOVE

Specify one of the following parameters:

#### KEEP

All implicit links are to be converted to explicit links.

#### NONE

No implicit links are to be converted to explicit links.

**Note:** You cannot update LNKSxSCG records using the API or batched repository-update facility; you must use either the CICS Explorer® or the Web User Interface.

## LNKSxSCS Records (LNKSMSCS, LNKSRSCS, LNKSWSCS)

When a CICSplex SM specification-to-CICS link record (LNKSxSCS) is created or removed using the batched repository-update facility, two of the **keyword (value)** operand pairs cannot be used. The keyword(value) pairs that must be omitted from the CREATE and REMOVE commands are the LINK and GROUP pairs.

## CSYSDEF xxxACTION and xxxSEV attributes

The CICSplex SM API allows the CSYSDEF xxxACTION and xxxSEV attributes to be used in more than one way.

The following values can be specified for the xxxACTION attributes:

1. The name of an action that is to be taken when this condition occurs.
2. An asterisk (\*). This allows the action to be inherited. The rules for specifying inheritance are given in the CSYSDEF Resource Table topic in [CICSplex SM resource tables overview in Reference](#).
3. Leave the attribute blank. This causes a default value to be used. Default notification values are listed in [Default notification values](#).

The following values can be specified for the xxxSEV attributes:

1. The value that is to be used as the severity for this condition.
2. NO. This means that the condition is not to be monitored.
3. The EYUDA INHERIT value. This causes the value to be inherited.
4. The EYUDA N\_A value. This causes the default security level for this condition to be used.

## Parameters for managing CICSplex SM Definitions

---

You can use CICSplex SM to describe the set of CICS definitions to be installed in a CICS system.

### Creating CICSplex SM definitions

When you create a CICS system definition using the batched repository-update facility or the API, you can identify an existing CICS system to be used as a model. The CREATE command for the SYSRES object accepts the following parameter:

**MODEL(csysdef)**

(Optional) Specify the name of an existing CICS system whose system links definitions are to be used as a model.

## Parameters for managing CICS Definitions

---

You can use CICSplex SM to manage your CICS resource definitions as CICS Definition objects.

### Parameters for managing CICS definitions with BAS

You can use CICSplex SM to manage your CICS resource definitions as CICS definition objects with BAS.

#### Creating Resource descriptions

A resource description represents the largest set of resources that can be managed as a unit by CICSplex SM. It might consist of all the resources in several resource groups or resource assignments (much like a CSD group list) or the set of resources that make up a given application on various CICS systems. When you create a resource description using the batched repository-update facility or API, you can identify an existing resource description to be used as a model.

The **CREATE** command for the RESDESC object accepts the following parameter:

**MODEL(resdesc)**

(Optional) Specify the name of an existing resource description whose resource assignments are to be used by the new resource description.

#### Creating Resource groups

One aspect of managing CICS Definitions is combining them into logical sets of resources in a resource group (RESGROUP). When you create a resource group using the batched repository-update facility or API you can identify an existing resource group to be used as a model. The CREATE command for the RESGROUP object accepts the following parameters:

**MODEL(resgroup)**

(Optional) Specify the name of an existing resource group whose resource definitions are to be used by the new group.

**MODE(option)**

(Required, if you specified a MODEL value) Indicate which definitions are to be copied from the model resource group to the new group:

**NO**

Do not copy any definitions from the model group.

## ASSOCIATIONS

Copy the associations between resource definitions and the model group (RESINGRP definitions) and create a new set of associations from the existing resources to the new group.

## MEMBERS

Copy all the resource definitions in the model group and create a new set for use by the new group.

## Adding CICS Definitions to a Resource group

When you create CICS Definitions using the batched repository-update facility or API, you can add them to an existing resource group by using the RESGROUP parameter. The CREATE command for each CICS Definition object (such as CONNDEF) supports the following parameter:

### RESGROUP(resgroup)

(Optional) Specify the name of an existing resource group to which the CICS Definition should be added.

## Selecting CICS Definitions

When you use the GET API command to create a result set of CICS Definition records, you can limit your request to definitions in a given resource group, or CICS system. The GET command for each CICS Definition object (such as CONNDEF) supports the following parameters:

### RESGROUP(resgroup)

(Optional) Specify the name of an existing resource group from which CICS Definition records should be selected.

### CICSSYS(value)

(Required for SYSRES definition, optional for all others) Specify the name of an existing CICS system whose system links definitions are to be used as a model.

When the CICSSYS parameter is used, the result set will contain records that have been modified to show what the record would look like when installed in the system specified by CICSSYS(value).

## Managing CICS definitions in the CSD

You can use CICSplex SM to manage your CICS resource definitions in the CSD.

### Add a resource to a group

Add a CSD resource to a CSD group either with the **CREATE** command or with the **CSDCOPY** action.

The **CREATE** command creates a new resource definition in the CSD. When the resource definition is created, it must be assigned to a group. The **CREATE** command contains the following parameter:

#### CSD

This parameter is optional.

Specifies whether the resource is a CSD resource. You must specify PARM=CSD if you are creating a CSD resource.

The **CSD** parameter is defined without a value. The CSD group into which the resource definition is defined is specified as an attribute of the resource definition: CSDGROUP=*groupname*

The **CSDCOPY** action copies an existing CICS resource definition, which is defined in the CSD, from one CSD group to another. The **CSDCOPY** action contains the following parameters:

#### AS\_RESOURCE(value)

Specifies the name that the copy of the resource will take.

The **AS\_RESOURCE** and **TO\_CSDRESOURCE** parameters are mutually exclusive. Specify only one of these parameters on a **CSDCOPY** action.

#### DUPACTION {DUPERROR|DUPNOREPLACE|DUPREPLACE}

This parameter is optional.

Specifies the action that CICSplex SM takes if the **CSDCOPY** action would result in a duplicate definition in the target CSD group.

#### **DUPERROR**

If **DUPACTION=DUPERROR** is specified, an error is returned to the user if the **CSDCOPY** action would result in a duplicate resource in the target CSD group.

#### **DUPREPLACE**

If **DUPACTION=DUPREPLACE** is specified, duplicate resource definitions in the target CSD group are replaced by the resource definitions that are being copied into the CSD group.

#### **DUPNOREPLACE**

If **DUPACTION=DUPNOREPLACE** is specified, duplicate resource definitions in the target CSD group are not replaced.

#### **TO\_CSDGROUP(value)**

Specifies the destination CSD group into which a copy of the resource will be added.

The **AS\_RESOURCE** and **TO\_CSDRESOURCE** parameters are mutually exclusive. Specify only one of these parameters on a **CSDCOPY** action.

## **Add a CSD group to a list**

Add a CSD group to a CSD list with the **CSDADD** action.

The **CSDADD** action adds a group of CSD resources to a list of CSD groups. The **CSDADD** action contains the following parameters:

#### **TO\_CSDLIST(value)**

Specifies the CSD list to which to add the CSD group.

#### **ADD\_CSDGROUP(value)**

This parameter is optional.

Specifies which existing CSD group to position the supplied CSD group next to in the CSD list. The **ADD\_LOCATION** parameter defines whether the supplied CSD group is added before or after the existing CSD group.

#### **ADD\_LOCATION {BEFORE|AFTER}**

This parameter is optional. If this parameter is not specified, the supplied CSD group is appended to the end of the list.

Specifies whether to add the supplied CSD group BEFORE or AFTER the existing CSD group in the CSD list.

## **Remove a resource from a group**

Delete a CSD resource definition from a CSD group with the **REMOVE** command.

The **REMOVE** command, when issued against a CICS resource definition in a CSD group, deletes the resource from the group and CSD.

#### **CSD**

This parameter is optional.

Specifies that the resource is to be removed from a group in the CSD.

## **Remove a group from a list**

Remove a CSD group from a CSD list with the **REMOVE** command.

The **REMOVE** command, when issued against the CSDINLST resource, removes a CSD group from a CSD list.

Issuing a **REMOVE** command against the CSDINLST resource is equivalent to issuing a `CEDA REMOVE GROUP(group_name) LIST(list_name)` command.

## Delete a group

Delete a CSD group from the CSD with the **REMOVE** command.

The **REMOVE** command, when issued against the CSDGROUP resource, deletes a CSD group, and all resource definitions in the group, from the CSD.

Issuing the **REMOVE** command against the CSDGROUP resource is equivalent to issuing a CEDA DELETE GROUP(*group\_name*) ALL(\*) command.

The **REMOVE** command contains the following parameter:

### LISTREMOVE

This parameter is optional.

Specifies that the CSD group is to be removed from all CSD lists.

## Parameters for installing CICS definitions using BAS

You can use CICSplex SM to install CICS definition objects in CICS systems that support the EXEC CICS CREATE command.

CICS resources that are represented by CICS definitions can be installed in the following ways:

- Individually, using the INSTALL action for a CICS Definition object (such as CONNDEF).
- As part of a resource group, using the INSTALL action for the RESGROUP object.
- As part of a resource description, using the INSTALL action for the RESDESC object.

The syntax of the INSTALL action, which is shown with each of the resource tables that support it, is essentially the same for each method of installation. Some or all of the following parameters can be used:

### ASSIGNMENT

(Optional) When installing a resource group, specify the name of a resource assignment (RASGNDEF) to be used for the installation.

### CRITERIA

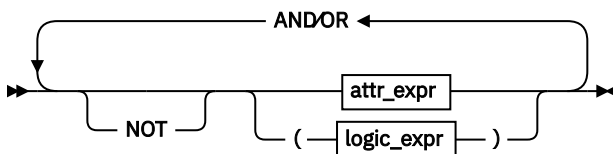
(Optional) When installing a resource group, identify attributes that are to be used in selecting the resources to be installed. CICSplex SM processes only those resources that meet the specified filter criteria.

A filter expression can be made up of one or more attribute expressions in the form:

#### Filter Expression

►► **logic\_expr** — . —◄◄

#### logic\_expr



#### attr\_expr

►► **attr** — oper — **value** —◄◄

where:

#### attr

Is the name of an attribute in the resource definition.

You can name the same attribute more than once in a filter expression.

**Note:** You cannot specify the EYU\_CICSNAME or EYU\_CICSREL attributes in a filter expression.

#### oper

Is one of the following comparison operators:

- <  
Less than
- <=  
Less than or equal to
- =  
Equal to
- >=  
Greater than or equal to
- >  
Greater than
- ≠  
Not equal to

### value

Is the value for which the attribute is being tested. The value must be a valid one for the CICSplex SM resource table attribute.

If the attribute accepts character data, this value can be a generic. Generic values can contain:

- An asterisk (\*), to represent any number of characters, including zero. The asterisk must be the last or only character in the specified value. For example:

```
TRANID=PAY*
```

- A plus sign (+), to represent a single character. A + can appear in one or more positions in the specified value. For example:

```
TRANID=PAY++96
```

If the value contains imbedded blanks or special characters (such as periods, commas, or equal signs), the entire value string must be enclosed in single quotes. For example:

```
TERMID='Z AB'
```

To include a single quote or apostrophe in a value, you must repeat the character, like this:

```
DESCRIPTION='October' 's Payroll'
```

### ANDOR

Combines attribute expressions into compound logic expressions using the logical operators AND and OR, like this:

```
attr_expr AND attr_expr.
```

Filter expressions are evaluated from left to right. You can use parentheses to vary the meaning of a filter expression. For example, this expression:

```
attr_expr AND (attr_expr OR attr_expr).
```

has a different meaning than this one:

```
(attr_expr AND attr_expr) OR attr_expr.
```

### NOT

Negates one or more attribute expressions.

You can negate a single attribute expression, like this:

```
NOT attr_expr
```

You can also negate multiple attribute expressions or even a whole filter expression, like this:



```
NOT (attr_expr OR attr_expr).
```

Note that you must place parentheses around the attribute expressions (or the filter expression) to be negated.

### **FORCEINS**

(Optional) Specify YES or NO to indicate whether you want to install the resource even if it already exists. YES is the default.

If you specify NO, the definition will be installed anywhere it does not currently exist. CICSplex SM checks to see if the resource is currently installed in the CICS system. If so, CICSplex SM does not install the new resource, to avoid inadvertently changing attributes of an active resource.

If you specify YES, CICSplex SM bypasses this duplicate resource checking and installs the new resource unconditionally.

### **MODE**

(Optional. When installing a RESGROUP with the assignment parameter see [“Installing a RESGROUP when ASSIGNMENT is specified”](#) on page 16.) For some resource types, CICSplex SM requires additional information to determine which subset of resource attributes to use in completing the installation. The MODE value you should specify depends on the resource type being installed:

#### **Program definitions (PROGDEF)**

If REMOTE is specified in the Usage field, you can identify how the program is to be routed:

##### **DYNAM**

Programs are processed by the dynamic routing program (DTR).

##### **STAT**

Programs are sent to the remote CICS system identified in the Related Scope

#### **Transaction definitions (TRANDEF)**

If you specified a USAGE of REMOTE, you must identify the type of remote reference:

##### **DYNAM**

Transactions should be processed by the dynamic transaction routing (DTR) program.

##### **STAT**

Each transaction should be sent to the remote system identified in the transaction definition (TRANDEF).

The value you specify here overrides the Dynamic value in the TRANDEF.

#### **Transient data queue definitions (TDQDEF)**

You can identify the type of transient data queue to be installed:

##### **INTRA**

Intrapartition TDQ.

##### **EXTRA**

Extrapartition TDQ.

##### **IND**

Indirect TDQ.

If you do not specify the MODE parameter, CICSplex SM uses the Type value in the TDQDEF to install the transient data queue. If the Type value is REMOTE, CICSplex SM installs an indirect TDQ.

### **NOTIFY**

(Optional) Specify the type of checking that should be performed before attempting to install a resource:

##### **NO**

No checking is performed.

##### **INACTIVE**

Check for CICS systems in the target scope that are not currently active.

## RELEASE

Check for CICS systems in the target scope that do not support EXEC CICS CREATE commands.

## FULL

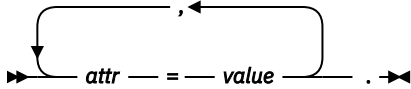
Perform both INACTIVE and RELEASE checking.

## OVERRIDE

(Optional. When installing a RESGROUP with the assignment parameter see [“Installing a RESGROUP when ASSIGNMENT is specified”](#) on page 16.) Identify attributes of the specified resource whose values are to be modified when it is installed in one or more of the specified scopes. (The OVERTYPE value determines which scope the override values are applied to.)

An override expression can be made up of one or more attribute expressions in the form:

### Override Expression



where:

### attr

Is the name of a modifiable attribute in the resource definition.

### value

Is the value to which you want the attribute set. The following restrictions apply:

- The value must be a valid one for the attribute.
- If the value contains imbedded blanks or special characters (such as periods, commas, or equal signs), the entire value string must be enclosed in single quotes, like this:

```
DESCRIPTION='Payroll.OCT'
```

- To include a single quote or apostrophe in a value, you must repeat the character, like this:

```
DESCRIPTION='October' 's Payroll'
```

## OVERTYPE

(Optional.) If you plan to specify an OVERRIDE expression for the installation, indicate which scope the override values should be applied to:

### TARGET

Apply the override values to the TARGET scope only.

### RELATED

Apply the override values to the RELATED scope only.

### BOTH

Apply the override values to both the TARGET and RELATED scopes.

### NONE

Do not apply any override values.

## REASSIGN

(Required when installing a CONNDEF) Identify the resource assignment (RASGNDEF) that applies to the related sessions definitions (SESSDEF). For each connection definition, CICSplex SM requires one or more sessions definitions to properly construct the actual CICS connection.

## RELATED

(Required, if USAGE is REMOTE. Optional when installing a RESGROUP with the assignment parameter. See [“Installing a RESGROUP when ASSIGNMENT is specified”](#) on page 16.) Specify the name of an existing CICS system or CICS system group into which a resource identified as REMOTE is to be installed as LOCAL.

## RESTYPE

(Required when installing a RESGROUP) Specify the type of resource being installed, as one of the following CICS Definition objects:

- ATOMDEF
- BUNNDEF
- CONNDEF
- DB2CDEF
- DB2EDEF
- DB2TDEF
- DOCDEF
- ENQMDEF
- FENODDEF
- FEPOODEF
- FEPRODEF
- FETRGDEF
- FILEDEF
- FSEGDEF
- IPCONDEF
- JRNLDEF
- JRNMDEF
- LIBDEF
- LSRDEF
- MAPDEF
- MQCONDEF
- PARTDEF
- PROCDEF
- PROFDEF
- PROGDEF
- PRTNDEF
- RQMDEF
- TCPDEF
- TDQDEF
- TERMDEF
- TRANDEF
- TRNCLDEF
- TSMDEF
- TSQDEF
- TYPTMDEF

Note that sessions definitions (SESSDEF) cannot be directly installed. They are installed along with their associated connection definitions (CONNDEF)

### STATECHK

(Optional) Specify YES or NO to indicate whether the existence and operational state of the resource is checked before an EXEC CICS CREATE command is issued. If you specify YES and one or more resources are not in the required state, the **EXEC CICS CREATE COMMAND** is not issued for any of the selected resources. FORCEINS and STATECHK parameters must both be set to YES for the check to be carried out.

### TARGET

(Required except when installing a RESGROUP with the assignment parameter. See [“Installing a RESGROUP when ASSIGNMENT is specified”](#) on page 16.) Specify the name of an existing CICS system or CICS system group into which the resource is to be installed.

### USAGE

(Required except when installing a RESGROUP with the assignment parameter. See [“Installing a RESGROUP when ASSIGNMENT is specified”](#) on page 16.) Specify how the resource will be used:

#### LOCAL

The resource is contained within the target CICS system. LOCAL is valid for all supported resource types.

#### REMOTE

The resource definition refers to a resource installed in a different CICS system. If you specify REMOTE, you must also specify a RELATED value to identify the CICS system that contains a local instance of the resource. REMOTE is valid only for the following resource types:

- FILEDEF
- PROGDEF
- TDQDEF
- TRANDEF

## Replacing a Resource description

You can use CICSplex SM to replace a resource description, using the REPLACE action for the RESDESC object. CICSplex SM attempts to replace all of the resources associated with an installed resource description with the resources associated with a new description. That is, CICSplex SM:

- Discards any resources that are associated with the old resource description, but not the new one.
- Reinstalls any resources that are associated with both the old resource description and the new one, regardless of whether the definitions have changed.
- Installs any additional resources that are associated with the new resource description.

For replacement to occur, the CICSplex SM named in the Target and Related scope fields of both resource descriptions must be active and must be running a release of CICS that supports the EXEC CICS CREATE command.

Some or all of the following parameters can be used:

**CURRENT**

(Required) Specify the specific or generic name of a currently installed resource description that is to be replaced.

**FORCEINS**

(Optional) See page [FORCEINS](#) for a description of the FORCEINS parameter.

**NOTIFY**

(Optional) See page [NOTIFY](#) for a description of the NOTIFY parameter.

**STATECHK**

(Optional) See page [STATECHK](#) for a description of the STATECHK parameter.

## Installing a RESGROUP when ASSIGNMENT is specified

When the ASSIGNMENT parameter is used on the INSTALL action for the RESGROUP, the following parameters can be used to override temporarily the values in the RASGNDEF specified by the ASSIGNMENT parameter:

- TARGET
- RELATED
- USAGE
- MODE
- OVERRIDE

In this case the above parameters are optional. In all other cases including the case where a RESGROUP is installed and the ASSIGNMENT parameter is NOT specified, refer to the descriptions listed above for the correct usage.

---

## Chapter 2. How to read resource table descriptions

Each resource class is represented by a resource table that fully describes the attributes of that resource. The information for a resource table is presented in a set of tables that describe the resource as a whole and the individual attributes of the resource table.

### Resource table definition

---

The first table presented for each resource table defines the general characteristics of the resource table.

The characteristics of a resource table are:

**Characteristic**  
**Meaning**

**Table**

The name of the managed object that this resource table describes. This name is used to identify the object in all API commands and from the batched repository-update facility.

**Description**

A 1- to 30-character description of the resource table.

**External resource name**

An external name used for referencing the resource table.

**Length**

The external length of the resource table. This is a fullword value which indicates the length of the resource table records returned in response to an API FETCH command.

**Usage**

Identifies the valid uses for the resource table, as one of the following:

**API**

It can be referenced from the CICSplex SM API.

**Batch Utility**

It can be processed using the batched repository-update facility.

**CICS Management Client Interface**

It can be referenced from the CICS Management Client Interface.

**EVALDEF**

It can be named in a real-time analysis evaluation definition.

**API View**

A value of YES indicates the resource table can be referenced in an API SPECIFY VIEW command.

**Object Type**

The type of managed object, as one of the following:

- CICS Definition
- CICS Resource
- CICS Monitored
- CICSplex SM Definition
- CICSplex SM Configuration
- CICSplex SM Manager
- CICSplex SM MetaData
- CICSplex SM Notification

**Copybook identifier**

A unique name for each copy book version of the resource table in each language. The copy book names take the form:

where:

**t**

Identifies which language the copy book supports, as one of the following:

**A**

Assembler

**P**

PL/I

**L**

COBOL

**C**

C

**nnnn**

Is a 4-character numeric resource table identifier.

### Valid API Operations

Identifies which standard API operations (GET, SET, CREATE, UPDATE, and REMOVE) can be requested of the resource table.

### Valid CICS Management Client HTTP methods

Identifies which standard HTTP methods (DELETE, GET, POST, or PUT) can be requested of the resource table.

### Table Invalid CICSREL

For tables with an object type of CICS Definition or CICS Resource, the releases of CICS that do not support the managed object. The CICS release values are shown as follows:

#### E620

CICS TS for z/OS Version 2 Release 2

#### E630

CICS TS for z/OS Version 2 Release 3

#### E640

CICS TS for z/OS Version 3 Release 1

#### E650

CICS TS for z/OS Version 3 Release 2

#### E660

CICS TS for z/OS Version 4 Release 1

#### E670

CICS TS for z/OS Version 4 Release 2

#### E680

CICS TS for z/OS Version 5 Release 1

#### E690

CICS TS for z/OS Version 5 Release 2

#### E700

CICS TS for z/OS Version 5 Release 3

#### E710

CICS TS for z/OS Version 5 Release 4

### PARMS

For objects that require the PARM operand for standard API operations, the valid parameter values. The logical OR character (|) indicates values that are mutually exclusive.

### ACTION

The valid actions for the object. For tables with an object type of CICS Resource, CICS release restrictions, if any, are also shown.

## Active FEEDBACK Error Codes

The error codes and values that can appear in the FEEDBACK resource table when an error occurs for this object.

## Resource table attribute definitions

---

The second table presented for each resource table defines the attributes in the resource table. Attributes are discrete named elements that represent specific characteristics of a resource class.

The attributes are presented in a tabular format that is consistent with the object type of the resource table. Different attribute characteristics may be shown based on the object type. The following list includes all the characteristic columns. The description of a characteristic indicates the object types to which the characteristic applies.

The characteristics of a resource table attribute are described below:

**Note:** If an attribute participates in the native key of the resource class, the attribute value is shown in reverse highlighting with a numeric value appended to the end for example, **Name-1**. When a resource class uses multiple attributes to identify its native key, the numeric value indicates which segment, in the range of 1 to 9, of the native key this attribute reflects.

### Name

A unique 1- to 12-character name, which is used to identify the attribute.

### Datatype

The data type of the values returned for this attribute. The data types identify the internal format of the data. When an attribute is accessed by the batched repository-update facility, the Web User Interface (WUI), or after conversion by a REXX **TPARSE** API command, the data is displayed in an appropriate formatted manner. When accessed by any other API command, the attribute value is presented in its unchanged internal form. The valid data type keywords are listed here.

When times are displayed as a formatted value, they can include fractions of a second. In the descriptions which follow, for times that include fractions of a second, *t* is tenths of seconds, *h* is hundredths of seconds, *m* is milliseconds, *i* is ten-thousandths of seconds, *j* is hundred-thousandths of seconds, and *u* is microseconds.

### Keyword

#### Description

### ADDRESS

Storage Address. Displayed externally as a printable hexadecimal value.

### AVERAGE

Average. Maintained internally as a binary value with a single implied decimal place. Displayed externally as a zoned decimal value of the form NNN . t.

### AVERAGE3

Average. Maintained internally as a doubleword binary value with three implied decimal places. Displayed externally as a zoned decimal value of the form NNN . ttt.

### BINARY

Binary value. Displayed externally as zoned decimal digits. The null value is binary zero.

### BIT

Bit string. Maintained internally as a binary value. Displayed externally as a printable hexadecimal value.

### BITSTRIP

Maintained internally as a binary value of a set of 32 flags. Displayed as single bit values or sequences of bits, separated by commas; for example 4-7, 9, 11-12, 15, 17, 19-20, 26-29.

### CHAR

Character string. Maintained and displayed as the character data. The null value is blanks.

**CODEDBIN**

CICS coded Binary value. Displayed externally as zoned decimal digits, or a value of N/A if the value is -1.

**CVDAS**

CICS CVDA value. Maintained internally as an encoded binary integer. Displayed externally as a 16-character value.

**CVDAT**

CICS CVDA value Terminal Device Type. Maintained internally as an encoded binary integer. Displayed externally as a 16-character value.

**DATETIME**

Date Time Group. Maintained internally as a z Systems® Store Clock value. Displayed externally as a 24-digit formatted value MT/DY/YYYY-HH:MM:SS.thmi. When specified in an RTA Evaluation definition (EVALDEF object), the fractions of a second (thmi) are not required. The other data must be entered exactly as specified with leading zeros, if necessary. For Assembler and COBOL resource tables, the CPSM translator generates a single doubleword (8 bytes) sized field definition. However, for PL/I and C resource tables a two-fullword array is generated for the DATETIME fields.

**DECDATE**

Date. Maintained internally as a 4-byte packed decimal field of the form 0CYDDD+ where C is the century code, YY is the last two digits of the year, DD is the day number within the year, and + indicates a positive number. A century code of 0 indicates a year in the 20th century (19xx) and a century code of 1 indicates a year in the 21st century (20xx). Displayed as a character string of the form YYYY/DDD.

**DECIMAL**

Decimal value. Maintained internally in packed decimal form. Displayed externally as zoned decimal digits.

**DECTIME**

Time in units of tenths of a second. Maintained internally as a 4-byte packed decimal field of the form HHMMSSt+ where HH is the number of hours, MM is the number of minutes, SS is the number of seconds, t is the number of tenths of a second, and + indicates a positive number. Displayed as a character string of the form HH:MM:SS.

**DECTIMES**

Time in units of seconds. Maintained internally as a 4-byte packed decimal field of the form 0HHMMSS+ where HH is the number of hours, MM is the number of minutes, SS is the number of seconds, and + indicates a positive number. Displayed as a character string of the form HH:MM:SS.

**EYUDA**

CPSM value. Maintained internally as an encoded binary integer. Displayed externally as a 16-character value.

**HIDCHAR**

Hidden character string. Maintained as the character data.

**HEX**

Hexadecimal value. Maintained internally as a binary value. Displayed externally as a printable hexadecimal value. The null value is blanks.

**HHMM**

Hours and Minutes. Maintained internally as an encoded binary value. Displayed externally as 4 zoned decimal digits.

**INTSTCK**

Time Interval in System/390 form. Maintained internally as a binary value. Displayed externally as a 17-digit formatted value HHHH:MM:SS.thmiju (where t is tenths of seconds, h is hundredths of seconds, m is milliseconds, i is ten-thousandths of seconds, j is hundred-thousandths of seconds, and u is microseconds). The value is usually the result of an arithmetic operation (such as subtraction) being applied to System/390 Store Clock values. When specified in an RTA Evaluation definition (EVALDEF object), the fractions of a second (thmi) are not required. The other data must be entered exactly as specified with leading zeros, if necessary.



**INTUSEC**

Time Interval in microseconds. Maintained internally as a binary value. Displayed externally as a 17-digit formatted value HHHH:MM:SS.thmiju (where *t* is tenths of seconds, *h* is hundredths of seconds, *m* is milliseconds, *i* is ten-thousandths of seconds, *j* is hundred-thousandths of seconds, and *u* is microseconds). When specified in an RTA Evaluation definition (EVALDEF object), the fractions of a second (thmi) are not required. The other data must be entered exactly as specified with leading zeros, if necessary.

**INTMSEC**

Time Interval in milliseconds. Maintained internally as a binary value. Displayed externally as a 15-digit formatted value HHHH:MM:SS.thmi. When specified in an RTA Evaluation definition (EVALDEF object), the fractions of a second (thmi) are not required. The other data must be entered exactly as specified with leading zeros, if necessary.

**INTSEC**

Time Interval in seconds. Maintained internally as a binary value. Displayed externally as a 10-digit formatted value HHHH:MM:SS. When specified in an RTA Evaluation definition (EVALDEF object), the data must be entered exactly as specified with leading zeros, if necessary.

**INT16US**

Time Interval in 16 microseconds. Maintained internally as a binary value.

For attributes which have a length of 4 bytes, this is displayed externally as a 17-digit formatted value HH:MM:SS.thmiju (where *t* is tenths of seconds, *h* is hundredths of seconds, *m* is milliseconds, *i* is ten-thousandths of seconds, *j* is hundred-thousandths of seconds, and *u* is microseconds). Note that the precision of the *HH* value is such that a wrap-around will occur in approximately 18 hours.

For attributes which have a length of 8 bytes, you can specify either HH:MM:SS.thmiju, or HHHH:MM:SS.thmiju in an RTA Evaluation definition (EVALDEF object).

When specified in an RTA Evaluation definition (EVALDEF object), the fractions of a second (thmi) are not required. The other data must be entered exactly as specified with leading zeros, if necessary.

**PERCENT**

Percentage. Maintained internally as a binary value with a single implied decimal place. Displayed externally as a zoned decimal value of the form NNN.t.

**PERCENT3**

Percentage. Maintained internally as a fullword binary value with three implied decimal places. Displayed externally as a zoned decimal value of the form NNN.ttt.

**RATE**

Consumption rate. Maintained internally as a binary value with a single implied decimal place. Displayed externally as a zoned decimal value of the form NNN.t. The value presented describes the resource consumption over the sample period, which is expressed in seconds. For example, a rate of 1.5 is read as 1.5 consumption units per second.

**RATE3**

Consumption rate. Maintained internally as a doubleword binary value with three implied decimal places. Displayed externally as a zoned decimal value of the form NNN.ttt. The value presented describes the resource consumption over the sample period, which is expressed in seconds. For example, a rate of 1.575 is read as 1.575 consumption units per second.

**RESTYPE**

Resource type. Maintained internally as a binary value. Displayed externally as zoned decimal digits.

**SCLOCK**

CICS monitoring facility (CMF) 8 byte interval store clock. Maintained internally as a binary value.

The first 4 bytes contain the time accumulated by the clock, and they are displayed externally as a formatted value, with the default format HH:MM:SS.thmi. In the time formats that include fractions of a second, *t* is tenths of seconds, *h* is hundredths of seconds, *m* is thousandths of

seconds, and *i* is ten-thousandths of seconds. Note that for the standard SCLOCK, the capacity of the clock is such that a wrap-around will occur in approximately 19 hours.

The last 4 bytes contain a count of the measurement periods during which the time was accumulated. The count can also be displayed externally. In the **Monitor data for local or dynamic transactions** (MLOCTRAN) views, and the MLOCTRAN resource table, the count and time components are available as separate attributes. However, in other cases, the count is displayed externally by selecting the count formatting option for the attribute.

EXEC CPSM API programs have access to the entire internal SCLOCK data value, but REXX applications only have access to the first 4 bytes containing the time.

When specified in an RTA Evaluation definition (EVALDEF object), the last 4 bytes containing the count are not available. The other data must be entered in one of the following formats, with leading zeros, if necessary:

1. HH:MM:SS
2. HH:MM:SS.thmi
3. HHHH:MM:SS.thmi

For more information about clocks see the [Clocks and time stamps](#).

### **SCLOCK12**

CICS monitoring facility (CMF) 12 byte interval store clock. Maintained internally as a binary value.

The first 8 bytes contain the time accumulated by the clock, and they are displayed externally as a formatted value, with the default format HHHH:MM:SS.thmiju. In the time formats that include fractions of a second, *t* is tenths of seconds, *h* is hundredths of seconds, *m* is thousandths of seconds, *i* is ten-thousandths of seconds, *j* is hundred-thousandths of seconds, and *u* is microseconds.

The last 4 bytes contain a count of the measurement periods during which the time was accumulated. The count can be displayed externally by selecting the count formatting option for the attribute.

EXEC CPSM API programs have access to the entire internal SCLOCK12 data value, but REXX applications only have access to the first 8 bytes containing the time.

When specified in an RTA Evaluation definition (EVALDEF object), the last 4 bytes containing the count are not available. The other data must be entered in one of the following formats, with leading zeros, if necessary:

1. HH:MM:SS
2. HH:MM:SS.thmi
3. HHHH:MM:SS.thmi
4. HHHH:MM:SS
5. HHHH:MM:SS.thmiju

For more information about clocks, see [Clocks and time stamps](#).

### **SUM**

Sum of values. Maintained internally as a binary value with a single implied decimal place. Displayed externally as a zoned decimal value of the form NNN.t.

### **SUM3**

Sum of values. Maintained internally as a doubleword binary value with three implied decimal places. Displayed externally as a zoned decimal value of the form NNN.ttt.

### **TIMESTP**

System/390 Timestamp. Maintained internally as a System/390 Store Clock value. Displayed externally as a 13-digit formatted value HH:MM:SS.thmi. When specified in an RTA Evaluation definition (EVALDEF object) the fractions of a second (thmi) are not required. The other data must be entered exactly as specified with leading zeros, if necessary.

## Source

How the attribute value was acquired. The valid source keywords are:

### Keyword

### Description

#### CPSM

Using CICSplex SM services

#### INQ

From CICS SPI Inquire

#### STAT

From CICS SPI Statistics

#### CMF

From CICS Monitor Performance class record

**Note:** Attributes sourced from CICS statistics are likely to be reset periodically, either as a result of a scheduled statistics reset, or one that is manually requested. When the reset happens, attribute values that are related to count values, or time interval accumulations, are reset to zero.

## CICS Source

Identifies the CICS object which provides this attributes information. When the Source is INQ this is the name of the CICS Resource, and when the Source is STAT this identifies the CICS Statistics DSECT.

## CICS Entry

Identifies the name of the attribute within the CICS Resource or DSECT which maps to this CICSplex SM attribute.

## Len

The internal length of the value for the attribute. All length values identify the number of bytes occupied by the attribute value, regardless of the datatype.

## Req

Whether the attribute is required when constructing an instance of a CPSM Definition. This column is only shown for the CPSM Definition object type.

A value of YES indicates that an attribute value must be provided when using the Batch Utility or the API **CREATE** or **UPDATE** commands to create object instances.

A value of n/a appears for the CREATETIME and CHANGETIME attributes only. This is because these attributes are required for the construction of a CPSM definition but are maintained internally by CICSplex SM. You should not attempt to change their value in any way.

## Sum

Identifies the default summary option that will be used if an API **GROUP** command is issued. The summary option may be changed by specifying a summary expression on the SUMOPT option of the GROUP command. The following summary options can be specified on the GROUP command:

### Keyword

### Description

#### AVG

Average of values

#### DIF

Different character pattern

#### LIKE

Like values

#### MIN

Minimum value

#### MAX

Maximum value

#### SUM

Sum of values

CICSplex SM notifications and the OBJSTAT resource table do not participate in summary operations. See [Developing CICSplex SM applications](#) for more information about the OBJSTAT resource table.

**Set**

Whether the attribute may be modified using the API **SET** command. A value of YES indicates modification is allowed. This column is only shown for CICS or Monitored CICS resources.

**Description**

1 to 30 characters of text that describes the attribute.

**Get/Set Invalid**

For CICS resource and CICS monitored objects, identifies releases of CICS that do not support either the attribute itself (if the heading is Get), or modification of the attribute (if the heading is Set). The CICS release values are shown as follows:

**E640**

CICS TS for z/OS, Version 3.1

**E650**

CICS TS for z/OS, Version 3.2

**E660**

CICS TS for z/OS, Version 4.1

**E670**

CICS TS for z/OS, Version 4.2

**E680**

CICS TS for z/OS, Version 5.1

In addition, you might also see the release followed by PLUS; that is, E620PLUS, E630PLUS, E640PLUS, E650PLUS, E660PLUS, E670PLUS, or E680PLUS. This syntax means that the field is not valid for the specified release and all later releases.

**Default**

For CPSM Definition objects, the default value assumed for the attribute. If the attribute is required, an explicit value must be provided.

**Value Range**

For CPSM Definition objects, identifies the range of valid values that are accepted when an object of this type is created or updated.

**Attr ID**

The number of the attribute in the table. This is the "relative ID" used in processing ASYNCREQ and FEEDBACK data.

**Valid Values**

For attributes with a data type of EYUDA, CVDA, or CVDT, identifies the valid values for the attribute. Up to three different sets of values may be shown:

**Input Valid Values**

Values that can be specified in API actions or with the batched repository-update facility.

**Output Valid Values**

Values that can be tested in an Evaluation definition (EVALDEF object) or that may be visible when an instance of the object is fetched.

**Input/Output Valid Values**

Values that are valid in both cases.

**Note:** For attributes with a datatype of CHAR, the value shown may be a valid value in a value range (as opposed to a character string).

## Chapter 3. BINCONRS, BINCONSC, and BINSTERR error codes

The BINCONRS, BINCONSC, and BINSTERR copy books contain error codes.

See [Retrieving FEEDBACK records](#) for information on interpreting feedback error result sets containing these error codes.

### BINCONRS

The BINCONRS copy book contains a number of error codes.

*Table 8. BINCONRS error codes—ERROP field*

Value	Code	Reason
01	ADDSYS	Add System to System Group
02	ADDTGRP	Add Definition to Group
03	UPDINGRP	Update Definition in Group
04	ADDRASI	Add RASINDSC
05	ADDRESI	Add RESINDSC
06	UPDRASG	Update RASGNDEF
07	UPDRASI	Update RASINDSC
08	UPDRESI	Update RESDESC Install Scope
09	UPDRDSC	Update RESDESC

### BINCONSC

The BINCONSC copy book contains a number of error codes.

*Table 9. BINCONSC error codes—ERROP field*

Value	Code	Reason
01	ADDRASI	Add RASINDSC
02	UPDRASG	Update RASGNDEF
03	UPDRASI	Update RASINDSC
04	UPDRDSC	Update RESDESC
05	ADDSYS	Add System to Group

*Table 10. BINCONSC error codes—ERRCODE field*

Value	Code	Reason
01	SAMESCP	Target/Related scopes are same
02	TRGINREL	Target Scope is in Related
03	RELINTRG	Related Scope is in Target
04	SYSNBOTH	CICSNAME in Target and Related

Table 10. BINCONSC error codes–ERRCODE field (continued)

Value	Code	Reason
05	MULTREL	Multiple Systems in Related
06	RELNOSYS	Related System has no SYSID

## BINSTERR

The BINSTERR copy book contains a number of error codes.

Table 11. BINSTERR error codes–ERRCODE field

Value	Code	Reason
01	SYSSTATE	System inactive/not create capable
02	INSTNAUT	Install not authorized
03	DSCDNAUT	Discard not authorized
04	INSTFAIL	Install failure
05	DSCDFAIL	Install discard failure
06	INSTCPFL	Install Complete failure
07	INSTNCON	Install Connection failure
08	INSTSTAT	Install status failure
09	INSTNSUP	Install not supported
10	FORCENO	Resource Install negated
11	DSCRDERR	Discard failure
12	METHFAIL	MAS method failure
13	NOCREATE	System not create capable

## Chapter 4. ACTION Resource Table

A CPSM Real Time Analysis Definition that describes the external notifications to be generated when an installed RTADEF or STATDEF enters the TRUE state.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSRTAActionDefinition

**Length**

296

**Usage**

API or Batch Utility or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt2812

*Table 12. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

*Table 13. ACTION FEEDBACK error codes*

Value	Code	Description
1	ACTION_INV_DATA	Attribute data invalid
2	ACTION_REC_NOT_FOUND	Requested resource not found
4	ACTION_REC_EXISTS	Resource already exists
5	ACTION_REC_CHANGED	Resource definition already changed
6	ACTION_INV_RESTYPE	Invalid resource type
7	ACTION_INV_VER	Invalid resource version
8	ACTION_NETVIEW_NOT_FOUND	Netview CMAS not found

Table 14. ACTION resource table attributes									
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
ALERTMSGEND	CHAR	CPSM	30	No	DIFF	Message text when alert is cleared			19
ALERTMSGSTRT	CHAR	CPSM	30	No	DIFF	Message text when alert is raised			18
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			23
CHANGEAGENT Input/output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			26
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification userid			25
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			24
DESC	CHAR	CPSM	58	No	DIFF	Description			14
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	22
EVENTMSG	CHAR	CPSM	30	No	DIFF	Message to send when event occurs			15
EXTMSGEND	CHAR	CPSM	30	No	DIFF	External message sent when event is cleared			17
EXTMSGSTRT	CHAR	CPSM	30	No	DIFF	External message sent when event occurs			16
GENALERT	EYUDA	CPSM	4	Yes	LIKE	Generate SNA generic alert			10
GENALERT Input/output valid values	YES, NO								
GENEVENT	EYUDA	CPSM	4	Yes	LIKE	Generate event			8
GENEVENT Input/output valid values	YES, NO								
GENEXTMSG	EYUDA	CPSM	4	Yes	LIKE	Generate external message			9
GENEXTMSG Input/output valid values	YES, NO								
NAME-1	CHAR	CPSM	8	Yes	DIFF	Action			5
NETVIEW	CHAR	CPSM	8	No	DIFF	CMAS to which NetView attached			7
PRIORITY	BINARY	CPSM	1	No	AVG	Action priority	1	1-255	13
RESTARTMAS	EYUDA	CPSM	4	Yes	LIKE	MVS automatic restart	NO		11
RESTARTMAS Input/output valid values	YES, NO								
VIEW	CHAR	CPSM	8	No	DIFF	User data area			6



## Chapter 5. AIMODEL Resource Table

A CICS Resource that describes an autoinstall terminal model.

The **Primary** key field for this resource class is MODEL.

The following action is supported:

### DISCARD

Discard the autoinstall terminal model.

The DISCARD action requires no unique parameter data.

### External resource name

CICSAutoInstallModel

### Length

24

### Usage

API or WUI or CICS Management Client Interface

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0054

*Table 15. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

*Table 16. AIMODEL resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
<b>MODEL-1</b>	CHAR	INQ	AUTINSTMODEL	AUTINSTMODEL	8	DIFF	Model name	1



## Chapter 6. APACTV Resource Table

A CPSM Real Time Analysis Manager object that describes instances of RTADEFs installed under an active analysis specification.

The **Primary** key field for this resource class is APSPEC.

The **Secondary** key field for this resource class is CMAS.

The **Tertiary** key field for this resource class is DEFNAME.

The **Fourth** key field for this resource class is SCOPE.

The **Fifth** key field for this resource class is ACTIVETIME.

The following actions are supported:

### **DISCARD**

Unconditionally remove the installed definition.

### **DEACTIVATE**

Remove the installed definition honoring a PERIODEF.

These actions require no unique parameter data.

### **External resource name**

CICSActiveAnalysisPoint

### **Length**

80

### **Usage**

API or WUI or CICS Management Client Interface

### **API view**

No

### **CMAS context**

No

### **SCOPE applies**

No

### **Only query CMASs in workload**

No

### **Object type**

CICSplex SM Manager

### **Copybook identifier**

EYUt2528

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	DEACTIVATE	None	N/A
	REACTIVATE	None	N/A

Table 18. APACTV FEEDBACK error codes

Value	Code	Description
1	APACTV_INV_DATA	Attribute data invalid
21	APACTV_DEACT_NOT_ALLOWED	Deactivate not allowed
22	APACTV_NOT_FOUND	Not found
23	APACTV_SCOPE_NOT_FOUND	Scope not found
24	APACTV_SPEC_NOT_ACTIVE	Specification not active
25	APACTV_NOT_SPECIFIED	Not specified
26	APACTV_REACT_NOT_ALLOWED	Reactivate not allowed

Table 19. APACTV resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ACTION	CHAR	CPSM	8	DIFF	Associated action	7
<b>ACTIVETIME-5</b>	CHAR	CPSM	8	DIFF	Period definition	6
<b>APSPEC-1</b>	CHAR	CPSM	8	DIFF	Analysis point specification	1
<b>CMAS-2</b>	CHAR	CPSM	8	DIFF	CMAS	2
CMATYPE	EYUDA	CPSM	4	LIKE	CMAS type	3
CMATYPE Output valid values	PRIMARY, SECONDARY					
<b>DEFNAME-3</b>	CHAR	CPSM	8	DIFF	Analysis definition	4
RATE	BINARY	CPSM	4	AVG	Interval between analysis activations (seconds)	8
<b>SCOPE-4</b>	CHAR	CPSM	8	DIFF	Analysis scope	5
STATUS	EYUDA	CPSM	4	LIKE	Definition status	9
STATUS Output valid values	ACTIVE, PENDING					

## Chapter 7. APPLCTN Resource Table

An instance of an application that is running in a platform.

The **Primary** key field for this resource class is APPLDEF.

The **Secondary** key field for this resource class is MAJORVERSION.

The **Tertiary** key field for this resource class is MINORVERSION.

The **Fourth** key field for this resource class is MICROVERSION.

The **Fifth** key field for this resource class is PLATDEF.

The following actions are supported:

**AVAILABLE**

Make the application available to callers through its application entry points.

**ENABLE**

Enable an application.

**DISABLE**

Disable an application.

**DISCARD**

Remove an application from the platform.

**GET**

Retrieve information about an application.

**UNAVAILABLE**

Make the application unavailable to callers through its application entry points.

**External resource name**

CICSApplication

**Length**

912

**Usage**

API or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt3522

<i>Table 20. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 20. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
PERFORM SET	DISCARD	None	N/A
	ENABLE	None	N/A
	DISABLE	None	N/A
	AVAILABLE	None	N/A
	UNAVAILABLE	None	N/A

Table 21. APPLCTN FEEDBACK error codes

Value	Code	Description
1	APPLCTN_REC_NOT_FOUND	Application not found
2	APPLCTN_DISABLED_SOME_BUNDLES	CICS bundles were not disabled in some regions
3	APPLCTN_DISCARDED_SOME_BUNDLES	CICS bundles were not discarded in some regions
4	APPLCTN_DISCARDED_NO_BUNDLES	CICS bundles were not discarded in any regions
5	APPLCTN_ENABLED_SOME_BUNDLES	CICS bundles were not enabled in some regions
6	APPLCTN_ENABLED_NO_BUNDLES	CICS bundles were not enabled in any regions
7	APPLCTN_DISABLED_NO_BUNDLES	CICS bundles were not disabled in any regions
8	APPLCTN_STATUS_CHANGING	The application status is changing due to another action or event.
9	APPLCTN_NOT_DISABLED	The application is not in a DISABLED state
10	APPLCTN_BUSY	Application is busy for another action
11	APPLCTN_AVAILABLE_NO_BUNDLES	CICS bundles were not made available in any regions
12	APPLCTN_AVAILABLE_SOME_BUNDLES	CICS bundles were not made available in some regions
13	APPLCTN_UNAVAIL_NO_BUNDLES	CICS bundles were not made unavailable in any regions
14	APPLCTN_UNAVAIL_SOME_BUNDLES	CICS bundles were not made unavailable in some regions
15	APPLCTN_NOT_UNAVAILABLE	The application is still available
16	APPLCTN_NOT_ENABLED	The application is not in an ENABLED state

Table 22. APPLCTN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Default	Value Range	Attr ID
<b>APPLDEF-1</b>	CHAR	CPSM	8	DIFF	Application definition			4
APPLDIR	CHAR	CPSM	255	DIFF	Name of the application directory on zFS			10
APPLICATION	CHAR	CPSM	64	DIFF	Application			5
AVAILSTATUS	EYUDA	CPSM	4	LIKE	Availability status			25
AVAILSTATUS Output valid values	AVAILABLE, UNAVAILABLE, SOMEAVAIL, NONE							
BINDDIR	CHAR	CPSM	255	DIFF	Name of the binding directory on zFS			22
CHANGEAGENT	CVDAS	CPSM	4	LIKE	Last modification agent			16
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	DIFF	Last modification agent release			19
CHANGETIME	DATETIME	CPSM	8	MAX	Last modification			15
CHANGEUSRID	CHAR	CPSM	8	DIFF	Last modification user ID			18
CREATETIME	DATETIME	CPSM	8	MAX	Time created			17
DESCCODEPAGE	BINARY	CPSM	4	MAX	Description code page	37	0-99999999	12
DESCRIPTION	CHAR	CPSM	255	DIFF	Description of this application			11
ENABLESTATUS	EYUDA	CPSM	4	LIKE	Enable status			14
ENABLESTATUS Output valid values	ENABLED, DISABLED, INCOMPLETE, ENABLING, DISABLING, EMPTY, SOMEDISABLED, INSTALLING, DISCARDING, FAILED							
<b>MAJORVERSION-2</b>	BINARY	CPSM	4	MAX	Major version			6
<b>MICROVERSION-4</b>	BINARY	CPSM	4	MAX	Micro version			8
<b>MINORVERSION-3</b>	BINARY	CPSM	4	MAX	Minor version			7
<b>PLATDEF-5</b>	CHAR	CPSM	8	DIFF	Platform definition			9





## Chapter 8. APPLDEF Resource Table

This CICS resource object provides the structure and contents of an APPLCTN resource.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is MAJORVERSION.

The **Tertiary** key field for this resource class is MINORVERSION.

The **Fourth** key field for this resource class is MICROVERSION.

The **Fifth** key field for this resource class is PLATDEF.

The following actions are supported:

### INSTALL

Deploy an APPLDEF resource into the CICSplex.

### External resource name

CICSApplicationDefinition

### Length

640

### Usage

API or Batch Utility or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Definition

### Copybook identifier

EYUt3524

<i>Table 23. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	INSTALL	None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

Table 24. APPLDEF FEEDBACK error codes

Value	Code	Description
1	APPLDEF_APPLCTN_INSTALLED	Application is already installed
2	APPLDEF_RESTYPE_INVALID	Invalid resource type
3	APPLDEF_REC_NOT_FOUND	Application definition not found
4	APPLDEF_DATA_INVALID	Attribute data invalid
5	APPLDEF_CONTEXT_INVALID	CICSplex not found
6	APPLDEF_RECORD_INVALID	Invalid record
7	APPLDEF_INV_ACTION	Invalid action
8	APPLDEF_APPLDEF_INVALID	Invalid application definition name
9	APPLDEF_INSTALLED_SOME_BUNDLES	CICS bundles were not installed in some regions
10	APPLDEF_INSTALLED_NO_BUNDLES	CICS bundles were not installed in any regions
11	APPLDEF_BUNDLE_FILE_NOT_AUTH	User ID not authorized to access zFS file
12	APPLDEF_NOT_FOUND_BUNDLE_FILE	Application or binding bundle file not found
13	APPLDEF_XML_IN_BUNDLE_INVALID	Invalid XML in Application or binding bundle
14	APPLDEF_PLATFORM_NOT_FOUND	Target platform not found
15	APPLDEF_INV_RESTYPE	Invalid resource type
16	APPLDEF_PLATDEF_INVALID	Invalid platform definition name
17	APPLDEF_MAJORVERSION_INVALID	Invalid major version
18	APPLDEF_MINORVERSION_INVALID	Invalid minor version
19	APPLDEF_MICROVERSION_INVALID	Invalid micro version
20	APPLDEF_VERSION_MISMATCH	APPLDEF and application versions differ
21	APPLDEF_REC_EXISTS	Application definition already exists
22	APPLDEF_RGNTYPE_NOT_FOUND	A region type in the binding could not be found
23	APPLDEF_REC_CHANGED	Resource definition already changed
24	APPLDEF_INSTALL_FAILED	APPLDEF install failed
25	APPLDEF_APPLCTN_BUSY	Application is busy for another action

Table 25. APPLDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
APPLDIR	CHAR	CPSM	255	Yes	DIFF	No	Application directory on the zFS			9
BINDDIR	CHAR	CPSM	255	Yes	DIFF	Yes	Binding bundle directory on the zFS			14

Table 25. APPLDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			127
CHANGEAGENT Input/ output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			130
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			129
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created			128
DESCCODEPAGE	BINARY	CPSM	4	No	MAX	No	Description code page	37	0-99999999	7
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Yes	Description			6
<b>MAJORVERSION-2</b>	BINARY	CPSM	4	Yes	MAX	No	Application Major Version			11
<b>MICROVERSION-4</b>	BINARY	CPSM	4	Yes	MAX	No	Application Micro Version			13
<b>MINORVERSION-3</b>	BINARY	CPSM	4	Yes	MAX	No	Application Minor Version			12
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	No	Application definition			5
<b>PLATDEF-5</b>	CHAR	CPSM	8	Yes	DIFF	No	Platform definition			8



## Chapter 9. APSPEC Resource Table

A CPSM Real Time Analysis Definition that describes an analysis specification.

The **Primary** key field for this resource class is NAME.

**External resource name**

CICSActiveAnalysisPointSpecification

**Length**

112

**Usage**

API or Batch Utility or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSPlex SM Definition

**Copybook identifier**

EYUt3515

*Table 26. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDPCMAS	CMASNAME(value)	Yes
	ADDSCMAS	CMASNAME(value)	Yes

*Table 27. APSPEC FEEDBACK error codes*

Value	Code	Description
1	APSPEC_INV_DATA	Attribute data invalid
2	APSPEC_REC_NOT_FOUND	Requested resource not found
3	APSPEC_INV_REFERENCE	Does not exist
4	APSPEC_REC_EXISTS	Resource already exists
5	APSPEC_REC_CHANGED	Attempt to update changed definition
6	APSPEC_INV_RESTYPE	Invalid resource type

Table 27. APSPEC FEEDBACK error codes (continued)

Value	Code	Description
7	APSPEC_INV_VER	Invalid resource version
21	APSPEC_CMAS_NOT_UNIQU	Not unique
22	APSPEC_DUP_ASSOCIATIO	Duplicate association

Table 28. APSPEC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/ output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			9
DESC	CHAR	CPSM	58	No	DIFF	Description			6
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	7
NAME-1	CHAR	CPSM	8	Yes	DIFF	RTA analysis point specification			5

# Chapter 10. ASYNCREQ Resource Table

A CPSM Notification that describes the completion of an API command that was scheduled to run asynchronously with the NOWAIT option.

There is no key field for this resource class.

There are no object specific actions for this resource class.

**External resource name**

**Length**  
192

**Usage**  
API

**API view**  
No

**CMAS context**  
No

**SCOPE applies**  
No

**Only query CMASs in workload**  
No

**Object type**  
CICSplex SM Metadata

**Copybook identifier**  
EYUt2584

Table 29. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 30. ASYNCREQ resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ATTRDATAVAL	CHAR	CPSM	1	LIKE	Attribute data available	8
ATTRDATAVAL Input/output valid values	Y (YES) - Attribute Ids valid, N (NO) - No Attribute Id data					
ATTR_DTYP1	BINARY	CPSM	1	LIKE	Attribute datatype	21
ATTR_DTYP1 Input/output valid values	0 (COMP) - Component Identifier, 4 (BIN) - Binary Numeric, 8 (RATE) - Binary Derived Rate, 12 (PER) - Binary Derived Percent, 16 (SUM) - Binary Derived Sum, 20 (RATO) - Binary Derived Ratio, 24 (AVG) - Binary Derived Average, 28 (TSTP) - System/390 Timestamp, 32 (BIT) - Bit, 36 (TEXT) - Text Unknown Length, 40 (CHAR) - Character, 44 (EYUD) - EYUDA, 48 (CVDS) - CVDA Standard, 52 (CVDT) - CVDA Terminal, 56 (REST) - Resource Type, 60 (PACK) - Packed Decimal, 64 (DATE) - Date, 68 (ILBL) - Internal Label Field, 72 (HHMM) - Binary HHMM, 76 (SCLK) - Interval Store Clock, 80 (IUSC) - Interval Microseconds, 84 (IMSC) - Interval Milliseconds, 88 (16US) - Interval 16 Microseconds, 92 (ISEC) - Interval Seconds, 96 (IUSS) - Interval Store Clock Delta, 100 (DTGP) - Date Time Group, 104 (DECT) - Packed Decimal Timestamp, 108 (ADDR) - Address, 112 (CNUM) - Coded Numeric, 116 (HCHR) - Non Display Character, 120 (HEX) - Hexadecimal, 124 (TBLV) - Table version, 128 (RAT3) - Binary derived rate 3DP, 132 (PER3) - Binary derived percent 3DP, 136 (SUM3) - Binary derived sum 3DP, 140 (AVG3) - Binary derived average 3DP, 144 (DECS) - Packed Decimal Time - No Tenths, 152 (SC12) - Interval Store Clock Length 12					
ATTR_DTYP2	BINARY	CPSM	1	LIKE	Attribute datatype	26
ATTR_DTYP3	BINARY	CPSM	1	LIKE	Attribute datatype	31
ATTR_DTYP4	BINARY	CPSM	1	LIKE	Attribute datatype	36

Table 30. ASYNCREQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
ATTR_DTYP5	BINARY	CPSM	1	LIKE	Attribute datatype	41
ATTR_LEN1	BINARY	CPSM	2	LIKE	Attribute length	23
ATTR_LEN2	BINARY	CPSM	2	LIKE	Attribute length	28
ATTR_LEN3	BINARY	CPSM	2	LIKE	Attribute length	33
ATTR_LEN4	BINARY	CPSM	2	LIKE	Attribute length	38
ATTR_LEN5	BINARY	CPSM	2	LIKE	Attribute length	43
ATTR_NM1	CHAR	CPSM	12	LIKE	Attribute name	19
ATTR_NM2	CHAR	CPSM	12	LIKE	Attribute name	24
ATTR_NM3	CHAR	CPSM	12	LIKE	Attribute name	29
ATTR_NM4	CHAR	CPSM	12	LIKE	Attribute name	34
ATTR_NM5	CHAR	CPSM	12	LIKE	Attribute name	39
ATTR_OFF1	BINARY	CPSM	2	LIKE	Attribute offset	20
ATTR_OFF2	BINARY	CPSM	2	LIKE	Attribute offset	25
ATTR_OFF3	BINARY	CPSM	2	LIKE	Attribute offset	30
ATTR_OFF4	BINARY	CPSM	2	LIKE	Attribute offset	35
ATTR_OFF5	BINARY	CPSM	2	LIKE	Attribute offset	40
ATTR_RID1	BINARY	CPSM	1	LIKE	Attribute relative ID	22
ATTR_RID2	BINARY	CPSM	1	LIKE	Attribute relative ID	27
ATTR_RID3	BINARY	CPSM	1	LIKE	Attribute relative ID	32
ATTR_RID4	BINARY	CPSM	1	LIKE	Attribute relative ID	37
ATTR_RID5	BINARY	CPSM	1	LIKE	Attribute relative ID	42
CEIBDATAVAL	CHAR	CPSM	1	LIKE	EIB data available	9
CEIBDATAVAL Input/output valid values	Y (YES) - EIB data valid, N (NO) - No EIB data					
CEIBFN	HEX	CPSM	4	MIN	EIBFN value from CICS	16
CEIBRESP	BINARY	CPSM	4	LIKE	RESP response from CICS	14
CEIBRESP1	BINARY	CPSM	4	LIKE	RESP2 response from CICS	15
COMMAND	BINARY	CPSM	1	LIKE	Command code	7
COMMAND Input/output valid values	1 (NOOP) - NOOP, 2 (CANCEL) - Cancel, 3 (CONNECT) - Connect, 4 (COPY) - Copy, 5 (CREATE) - Create, 6 (DELETE) - Delete, 7 (DISCARD) - Discard, 8 (DISCONN) - Disconnect, 9 (FETCH) - Fetch, 10 (GET) - Get, 11 (LOCATE) - Locate, 12 (MARK) - Mark, 13 (ORDER) - Order by, 14 (PERFSET) - Perform Set, 15 (PERFOBJ) - Perform Object, 16 (QUALIFY) - Qualify, 17 (QUERY) - Query, 18 (RECEIVE) - Receive, 19 (REMOVE) - Remove, 20 (FILTER) - Specify Filter, 21 (UNMARK) - Unmark, 22 (ADDRESS) - Address, 23 (GETDEF) - Getdef, 24 (LISTEN) - Listen, 25 (REFRESH) - Refresh, 26 (SET) - Set, 27 (VIEW) - Specify View, 28 (TERM) - Terminate, 29 (TRANS) - Translate, 30 (GROUP) - Group by, 31 (UPDATE) - Update					
COUNT	BINARY	CPSM	4	LIKE	GET COUNT() value	47
CSDAPI	CHAR	CPSM	1	LIKE	CSD API	48
CSDAPI Input/output valid values	Y (YES) - CSD API related request, N (NO) - non-CSD API related request					
DIAGNOSTIC	BINARY	CPSM	32	LIKE	Internal diagnostic data	46
ERRCODEVAL	CHAR	CPSM	1	LIKE	Error code available	10
ERRCODEVAL Input/output valid values	Y (YES) - Error Code valid, N (NO) - No Error Code Data					
ERROR_CODE	BINARY	CPSM	4	LIKE	Error code	13
OBJECT	CHAR	CPSM	8	LIKE	Name of object	17
OBJECT_ACT	CHAR	CPSM	12	LIKE	Action performed	18
REASON	BINARY	CPSM	4	LIKE	Command reason	12
RESPONSE	BINARY	CPSM	4	LIKE	Command response	11



Table 30. ASYNCREQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
RESULTSET	BINARY	CPSM	4	LIKE	Result set token	5
RSLTRECID	BINARY	CPSM	4	LIKE	Result set record ID	45
RSRVED01	BINARY	CPSM	2	LIKE	Reserved area	44
USERTOKEN	CHAR	CPSM	4	LIKE	User token	6



## Chapter 11. ATMINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of an Atom service, feed, collection, or category document definition (ATOMDEF) in a resource group (RESGROUP). An ATOMDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is ATOMGROUP.

The **Secondary** key field for this resource class is ATMNAME.

The **Tertiary** key field for this resource class is ATMVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6183

<i>Table 31. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 32. ATMINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	ATMINGRP_INV_DATA	Attribute data invalid
2	ATMINGRP_REC_NOT_FOUND	Requested resource not found
4	ATMINGRP_REC_EXISTS	Resource already exists
6	ATMINGRP_INV_RESTYPE	Invalid resource type
7	ATMINGRP_INV_VER	Invalid resource version
11	ATMINGRP_NON_MP	Maintenance point CMAS not available

Table 32. ATMINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	ATMINGRP_INV_CONTEXT	Context not found
21	ATMINGRP_INCONSISTENT_SET	Inconsistent set
22	ATMINGRP_DIFF_VERSION	Different version
23	ATMINGRP_INV_NAME	Invalid name
24	ATMINGRP_INV_MINNAME	Invalid minor name

Table 33. ATMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
ATMGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
ATMNAME-2	CHAR	CPSM	8	Yes	DIFF	AtomService definition name	6
ATMVER-3	BINARY	CPSM	1	Yes	AVG	AtomService definition version	7
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9

## Chapter 12. ATOMDEF Resource Table

A CICS Definition that describes an Atom service, feed, collection, or category document served by CICS.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### DISCARD

Discard an Atom service, feed, collection, or category document definition.

### INSTALL

Install an Atom service, feed, collection, or category document definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionAtomService

### Length

680

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3838

*Table 34. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No

Table 34. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 35. ATOMDEF FEEDBACK error codes

Value	Code	Description
1	ATOMDEF_INV_DATA	Attribute data invalid
2	ATOMDEF_REC_NOT_FOUND	Requested resource not found
4	ATOMDEF_REC_EXISTS	Resource already exists
5	ATOMDEF_REC_CHANGED	Resource definition already changed
6	ATOMDEF_INV_RESTYPE	Invalid resource type
7	ATOMDEF_INV_VER	Invalid resource version
11	ATOMDEF_NON_MP	Maintenance point CMAS not available
12	ATOMDEF_INV_CONTEXT	Context not found
13	ATOMDEF_INCONSISTENT_SET	Inconsistent set condition
14	ATOMDEF_INV_RESGROUP	Resource group not found
21	ATOMDEF_INV_ACTION	Invalid action
22	ATOMDEF_INV_RECADDR	Invalid record address
23	ATOMDEF_INV_RECLN	Invalid record length
24	ATOMDEF_DIFF_VERSION	Different version
25	ATOMDEF_EARLY_NAMELIST_END	Early name list end
26	ATOMDEF_INV_NAMELIST	Invalid name list

Table 35. ATOMDEF FEEDBACK error codes (continued)

<b>Value</b>	<b>Code</b>	<b>Description</b>
27	ATOMDEF_INV_NAME	Invalid name
28	ATOMDEF_INV_MINNAME	Invalid minor name
29	ATOMDEF_NOTIFY	Notify
30	ATOMDEF_PARTIAL_INSTALL	Partial install
31	ATOMDEF_NOTHING_INSTALLED	Nothing installed
32	ATOMDEF_NO_TARGETS	No targets
33	ATOMDEF_NO_RELATED	No related systems
34	ATOMDEF_INV_TSCOPE	Invalid target scope
35	ATOMDEF_INV_RSCOPE	Invalid related scope
36	ATOMDEF_INV_USAGE	Invalid usage
37	ATOMDEF_INV_MODE	Invalid mode
38	ATOMDEF_INV_STATECHK	Invalid state check
39	ATOMDEF_INV_FORCEINS	Invalid force install
40	ATOMDEF_INV_NOTIFY	Invalid notify
41	ATOMDEF_INV_OVERTYPE	Invalid over type
42	ATOMDEF_INV_OVRBLOCK	Invalid override block
43	ATOMDEF_INV_ORSTRING	Invalid override string
44	ATOMDEF_INV_STRNGTERM	Invalid string term
45	ATOMDEF_INV_EMBEDTERM	Invalid embedded terminator
46	ATOMDEF_INV_ATTRIBUTE	Invalid attribute
47	ATOMDEF_INV_LITERAL	Invalid literal
48	ATOMDEF_INV_ORSTGNA	Invalid override string
49	ATOMDEF_SCOPE_REQUIRED	Scope required
50	ATOMDEF_USAGE_CONFLICT	Usage conflict
51	ATOMDEF_NODEFS_SELECTED	No definitions selected
52	ATOMDEF_MORE_THAN_1_RELSYS	More than one related system
53	ATOMDEF_MISSING_RELSYSID	Missing related system identifier
54	ATOMDEF_SCOPE_CONFLICT	Scope conflict
56	ATOMDEF_BAD_BINDCONFLICT	Bindfile option conflicts with Atomtype option.
57	ATOMDEF_BAD_BINDSETCONFLICT	Bindfile should not be set with this Atomtype option.
58	ATOMDEF_BAD_RTYPECONFLICT	Resourcetype option conflicts with Atomtype option.
59	ATOMDEF_BAD_RTYPESETCONFLICT	Resourcetype should not be with this Atomtype option.

Table 35. ATOMDEF FEEDBACK error codes (continued)

Value	Code	Description
60	ATOMDEF_BAD_RNAMECONFLICT	Resourcename option conflicts with Atomtype option.
61	ATOMDEF_BAD_RNAMESETCONFLICT	Resourcename should not be set with this Atomtype option.
62	ATOMDEF_INVALID_CONFIGFILE	Configfile invalid.
63	ATOMDEF_INV_CSDGROUP	Invalid CSD group
64	ATOMDEF_REC_NOT_REMOVED	Record not removed
65	ATOMDEF_INV_RESOURCE	Invalid resource
66	ATOMDEF_INV_CICS_RESTYPE	Invalid CICS restype
67	ATOMDEF_PARTIAL_ACTION	Partial action
68	ATOMDEF_NOTHING_ACTIONED	Nothing actioned
69	ATOMDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
70	ATOMDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
71	ATOMDEF_BAD_RESNAMELEN	Resourcename is too long for the Resourcetype specified.
72	ATOMDEF_CSD_ERROR	CSD access error

Table 36. ATOMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
ATOMTYPE	CVDAS	CPSM	4	Yes	MIN	Atomtype	FEED			14
ATOMTYPE Input/output valid values	FEED, SERVICE, COLLECTION, CATEGORY									
BINDFILE	CHAR	CPSM	255	No	DIFF	Bind file name				17
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	4
CHANGEAGENT Input/output valid values	DREPAPI, CSDAPI, CSDBATCH									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	7
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	6
CONFIGFILE	CHAR	CPSM	255	Yes	DIFF	Configuration file name				18
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				5
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	25
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		24
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				23



Table 36. ATOMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				12
RESOURCENAME	CHAR	CPSM	16	No	DIFF	Resource name				16
RESOURCETYPE	CVDAS	CPSM	4	Yes	LIKE	Resource type	NOTAPPLIC			15
RESOURCETYPE Input/output valid values	FILE, PROGRAM, TSQUEUE, NOTAPPLIC									
STATUS	CVDAS	CPSM	4	Yes	LIKE	Enabled status	ENABLED			13
STATUS Input/output valid values	ENABLED, DISABLED									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				20
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				21
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				22



## Chapter 13. ATOMSERV Resource Table

A CICS Resource that provides information about Atom service, feed, collection, or category document definitions.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### DISABLE

Disable program access to the Atom service, feed, collection, or category document definition.

### ENABLE

Enable program access to the Atom service, feed, collection, or category document definition.

### External resource name

CICSAtomService

### Length

696

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0180

*Table 37. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A
	DISABLE	None	N/A
	DISCARD	None	N/A

*Table 38. ATOMSERV resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			

Table 38. ATOMSERV resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			
ATMSRVDELENT	BINARY	STAT	DFHW2RDS	W2R_ATOMSERV_DEL_ENTRY_CNT	4	AVG	No	Number of DELETE requests to the entry URL			25
ATMSRVGETENT	BINARY	STAT	DFHW2RDS	W2R_ATOMSERV_GET_ENTRY_CNT	4	AVG	No	Number of GET requests to the entry URL			23
ATMSRVGETFED	BINARY	STAT	DFHW2RDS	W2R_ATOMSERV_GET_FEED_CNT	4	AVG	No	Number of GET requests to the feed URL			22
ATMSRVPSTFED	BINARY	STAT	DFHW2RDS	W2R_ATOMSERV_POST_FEED_CNT	4	AVG	No	Number of POST requests to the feed URL			21
ATMSRVPUTENT	BINARY	STAT	DFHW2RDS	W2R_ATOMSERV_PUT_ENTRY_CNT	4	AVG	No	Number of PUT requests to the entry URL			24
ATMSRVREFCT	BINARY	STAT	DFHW2RDS	W2R_ATOMSERV_REF_COUNT	4	AVG	No	Atom Service reference count			19
ATMSRVREFDIS	BINARY	STAT	DFHW2RDS	W2R_ATOMSERV_REF_DISABLED	4	AVG	No	Atom Service reference disabled count			20
ATOMTYPE	CVDAS	CPSM	ATOMSERVICE	ATOMTYPE	4	MIN	No	Atomtype			3
ATOMTYPE Input/output valid values	FEED, SERVICE, COLLECTION, CATEGORY										
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0		17
BINDFILE	CHAR	CPSM	ATOMSERVICE	ATOMTYPE	255	DIF F	No	Bind file name			7
CHANGEAGENT	CVDAS	INQ	ATOMSERVICE	CHANGEAGENT	4	LIKE	No	Last modification agent			10
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC										
CHANGEAGREL	CHAR	INQ	ATOMSERVICE	CHANGEAGREL	4	DIF F	No	Last modification agent release			11
CHANGETIME	DATETIME	INQ	ATOMSERVICE	CHANGEAGREL	8	MAX	No	Last modification time			12
CHANGEUSRID	CHAR	INQ	ATOMSERVICE	ATOMTYPE	8	DIF F	No	Last modification user ID			9
CONFIGFILE	CHAR	CPSM	ATOMSERVICE	ATOMTYPE	255	DIF F	No	Configuration file name			8
DEFINESOURCE	CHAR	INQ	ATOMSERVICE	CHANGEAGREL	8	DIF F	No	Source of the resource definition			13
DEFINETIME	DATETIME	INQ	ATOMSERVICE	CHANGEAGREL	8	MAX	No	Creation time			14
ENABLESTATUS	CVDAS	CPSM	ATOMSERVICE	ENABLESTATUS	4	LIKE	Yes	Enabled status			2
ENABLESTATUS Input/output valid values	ENABLED, DISABLED										
INSTALLAGENT	CVDAS	INQ	ATOMSERVICE	CHANGEAGREL	4	LIKE	No	Installation agent		E640 E650 E660	5
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST, BUNDLE										

Table 38. ATOMSERV resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
INSTALLTIME	DATETIME	INQ	ATOMSERVICE	CHANGEAGRE L	8	MAX	No	Installation time			16
INSTALLUSRID	CHAR	INQ	ATOMSERVICE	CHANGEAGRE L	8	DIF F	No	Installation user ID			15
<b>NAME-1</b>	CHAR	INQ	ATOMSERVICE	ATOMSERVICE	8	DIF F	No	Name			1
RESOURCENAME	CHAR	CPSM	ATOMSERVICE	ATOMTYPE	16	DIF F	No	Resource name			6
RESOURCECTYPE	CVDAS	CPSM	ATOMSERVICE	ATOMTYPE	4	LIK E	No	Resource type			4
RESOURCECTYPE Input/ output valid values	FILE, PROGRAM, TSQUEUE, NOTAPPLIC										
URIMAPNAME	CHAR	INQ	ATOMSERVICE	CHANGEAGRE L	8	DIF F	No	URIMAP name		E640 E650 E660	28
XMLTRANSNAME	CHAR	INQ			32	DIF F	No	XMLTRANSFORM name		E640 E650 E660	29



## Chapter 14. ATTRAVA Resource Table

A MetaData resource that describes one valid value for an attribute of a managed object.

The **Primary** key field for this resource class is OBJECT.

The **Secondary** key field for this resource class is TABLEVER.

The **Tertiary** key field for this resource class is NAME.

The **Fourth** key field for this resource class is AVAVALUE.

There are no object specific actions for this resource class.

**External resource name**

**Length**

40

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Metadata

**Copybook identifier**

EYUt2581

Table 39. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 40. ATTRAVA resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
<b>AVAVALUE-4</b>	CHAR	CPSM	16	DIFF	Attribute valid value	7
IOTYPE	CHAR	CPSM	1	DIFF	Valid I/O operation	9
IOTYPE Input/output valid values	B (B) - INPUT and Output, I (I) - INPUT operation, O (O) - OUTPUT operation					
LISTTYPE	BINARY	CPSM	1	AVG	Valid value type	8
LISTTYPE Input/output valid values	1 (AVA) - AVAVALUE is an AVA, 2 (VALUE) - AVAVALUE is a VALUE					
<b>NAME-3</b>	CHAR	CPSM	12	DIFF	Attribute name	6
<b>OBJECT-1</b>	CHAR	CPSM	8	DIFF	Object name	4
<b>TABLEVER-2</b>	BINARY	CPSM	2	AVG	Object table version	5





## Chapter 15. ATTR Resource Table

A CPSM MetaData resource that describes an attribute of a managed object.

The **Primary** key field for this resource class is OBJECT.

The **Secondary** key field for this resource class is TABLEVER.

The **Tertiary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

### External resource name

#### Length

216

#### Usage

API

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Metadata

#### Copybook identifier

EYUt2580

Table 41. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 42. ATTR resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
AVAAVAIL	CHAR	CPSM	1	DIFF	AVA set available	17
AVAAVAIL Input/output valid values	Y (YES) - Value assertions, N (NO) - No values					
AVACOUNT	BINARY	CPSM	1	AVG	Number of AVAs present	23
CICSSETAVAIL	CHAR	CPSM	1	DIFF	CICS set validity available	48
CICSSETAVAIL Input/output valid values	Y (YES) - CICS Set Validity data present, N (NO) - No CICS Set Validity data					
CICSVALAVAIL	CHAR	CPSM	1	DIFF	CICS validity data available	18
CICSVALAVAIL Input/output valid values	Y (YES) - CICS Validity active, N (NO) - No CICS Validity data					
DATATYPE	CHAR	CPSM	8	DIFF	Data type	10
DEFAULT	CHAR	CPSM	16	DIFF	Default value	46
DESC	CHAR	CPSM	50	DIFF	Attribute description	45
FILTER	CHAR	CPSM	1	DIFF	Attribute eligible for filtering	50

Table 42. ATTR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
FILTER Input/output valid values	Y (YES) - Filter by field allowed, N (NO) - Filter by field not allowed					
HDRTEXT	CHAR	CPSM	30	DIFF	Attribute header text	44
HDRTXTAVAIL	CHAR	CPSM	1	DIFF	Header text available	19
HDRTXTAVAIL Input/output valid values	Y (YES) - Header data active, N (NO) - No header data					
HIGHVALUE	CHAR	CPSM	16	DIFF	Highest valid value	43
ID	BINARY	CPSM	2	LIKE	Attribute id	57
IDATATYPE	BINARY	CPSM	1	LIKE	Reserved	54
IDATATYPE Input/output valid values	0 (COMP) - Component Identifier, 4 (BIN) - Binary Numeric, 8 (RATE) - Binary Derived Rate, 12 (PER) - Binary Derived Percent, 16 (SUM) - Binary Derived Sum, 20 (RATO) - Binary Derived Ratio, 24 (AVG) - Binary Derived Average, 28 (TSTP) - System/370 Timestamp, 32 (BIT) - Bit, 36 (TEXT) - Text, 40 (CHAR) - Character, 44 (EYUD) - EYUDA, 48 (CVDS) - CVDA Standard, 52 (CVDT) - CVDA Terminal, 56 (REST) - Resource Type, 60 (PACK) - Packed Decimal, 64 (DATE) - Date, 68 (ILBL) - Internal Label Field, 72 (HHMM) - Binary HHMM, 76 (SCLK) - Interval Store Clock, 80 (IUSC) - Interval Microseconds, 84 (IMSC) - Interval Milliseconds, 88 (16US) - Interval 16 Microseconds, 92 (ISEC) - Interval Seconds, 96 (IUSS) - Interval Store Clock delta, 100 (DTGP) - Date Time Group, 104 (DECT) - Packed Decimal Timestamp, 108 (ADDR) - Address, 112 (CNUM) - Coded Numeric, 116 (HCHR) - Non Display Character, 120 (HEX) - Hexadecimal, 124 (TVR) - Table version, 128 (RAT3) - Binary derived rate 3DP, 132 (PER3) - Binary derived percent 3DP, 136 (SUM3) - Binary derived sum 3DP, 140 (AVG3) - Binary derived average 3DP, 144 (DECS) - Packed Decimal Time - No Tenths, 152 (SC12) - Interval Store Clock Length 12, 156 (BITS) - String of bit flags					
IGNVALUE	CHAR	CPSM	16	DIFF	Ignore value	41
INHERIT	CHAR	CPSM	1	DIFF	Attribute may participate in inheritance	53
INHERIT Input/output valid values	Y (YES) - Inherit supported, N (NO) - Inherit not supported					
KEY	CHAR	CPSM	1	DIFF	Key participation	22
LENGTH	BINARY	CPSM	2	AVG	Attribute length	8
LOWVALUE	CHAR	CPSM	16	DIFF	Lowest valid value	42
NAME-3	CHAR	CPSM	12	DIFF	Attribute name	6
OBJECT-1	CHAR	CPSM	8	DIFF	Object name	4
OFFSET	BINARY	CPSM	2	AVG	Attribute offset	9
PICKLIST	CHAR	CPSM	1	DIFF	Attribute eligible for picklist	58
PICKLIST Input/output valid values	Y (YES) - Picklist supported, N (NO) - Picklist not supported					
REQUIRED	CHAR	CPSM	1	DIFF	Attribute is required	16
REQUIRED Input/output valid values	Y (YES) - Required for Create, N (NO) - Optional on Create					
SETCICSES2	BIT	CPSM	1	LIKE	Not modifiable in CICS Transaction Server for z/OS byte 2	56
SETCICSES2 Input/output valid values	128 (E630) - CICS Transaction Server for z/OS, Version 2 Release 3, 64 (E640) - CICS Transaction Server for z/OS, Version 3 Release 1, 32 (E650) - CICS Transaction Server for z/OS, Version 3 Release 2, 16 (E660) - CICS Transaction Server for z/OS, Version 4 Release 1, 8 (E670) - CICS Transaction Server for z/OS, Version 4 Release 2, 4 (E680) - CICS Transaction Server for z/OS, Version 5 Release 1, 2 (E690) - CICS Transaction Server for z/OS, Version 5 Release 2, 1 (E700) - CICS Transaction Server for z/OS, Version 5 Release 3					
SETCICSES3	BIT	CPSM	1	LIKE	Not modifiable in CICS Transaction Server for z/OS byte 3	60
SETCICSES3 Input/output valid values	128 (E710) - CICS Transaction Server for z/OS, Version 5 Release 4, 64 (E720) - CICS Transaction Server for z/OS, Version 5 Release 5					
SETCICSESA	BIT	CPSM	1	LIKE	Not modifiable in CICS/ESA	33
SETCICSESA Input/output valid values	128 (M212) - CICS/MVS 212, 64 (E330) - CICS/ESA 330, 32 (E410) - CICS/ESA 410, 16 (E510) - CICS for MVS/ESA 510, 8 (E520) - CICS for MVS/ESA 520, 4 (E530) - CICS for MVS/ESA 530, 2 (E610) - CICS for MVS/ESA 610, 1 (E620) - CICS for MVS/ESA 620					
SETCICSOS2	BIT	CPSM	1	LIKE	Not modifiable in CICS OS/2	35
SETCICSOS2 Input/output valid values	128 (O201) - CICS OS/2 201, 64 (O300) - CICS OS/2 300, 32 (O311) - CICS OS/2 310					
SETCICSVSE	BIT	CPSM	1	LIKE	Not modifiable in CICS/VSE	34
SETCICSVSE Input/output valid values	128 (V220) - CICS/VSE 220, 64 (V230) - CICS/VSE 230, 32 (V410) - CICS/VSE 410					
SETCICSWNT	BIT	CPSM	1	LIKE	Not modifiable in CICS for Windows	38

Table 42. ATTR resource table attributes (continued)						
Name	Datatype	Source	Len	Sum	Description	Attr ID
SETCICSWNT Input/output valid values	128 (N430) - CICS for Windows 430, 64 (N500) - CICS for Windows 500					
SETVALID	CHAR	CPSM	1	DIFF	Attribute may be set	15
SETVALID Input/output valid values	Y (YES) - Value may be modified, N (NO) - No modification					
SORT	CHAR	CPSM	1	DIFF	Attribute eligible for sorting	49
SORT Input/output valid values	Y (YES) - Sort by field allowed, N (NO) - Sort by field not allowed					
SOURCE	CHAR	CPSM	1	DIFF	Source of attribute	21
SUMMARIZE	CHAR	CPSM	1	DIFF	Attribute eligible for grouping	51
SUMMARIZE Input/output valid values	Y (YES) - Group by field allowed, N (NO) - Group by field not allowed					
SUMOPT	CHAR	CPSM	4	DIFF	Default summary option	11
TABLEVER-2	BINARY	CPSM	2	AVG	Object table version	5
UCHAR	CHAR	CPSM	1	DIFF	Uppercase character values	47
UCHAR Input/output valid values	Y (YES) - Uppercase characters, N (NO) - Do not uppercase characters					
VALCICSES2	BIT	CPSM	1	LIKE	Not valid in CICS Transaction Server for z/OS byte 2	55
VALCICSES2 Input/output valid values	128 (E630) - CICS Transaction Server for z/OS, Version 2 Release 3, 64 (E640) - CICS Transaction Server for z/OS, Version 3 Release 1, 32 (E650) - CICS Transaction Server for z/OS, Version 3 Release 2, 16 (E660) - CICS Transaction Server for z/OS, Version 4 Release 1, 8 (E670) - CICS Transaction Server for z/OS, Version 4 Release 2, 4 (E680) - CICS Transaction Server for z/OS, Version 5 Release 1, 2 (E690) - CICS Transaction Server for z/OS, Version 5 Release 2, 1 (E700) - CICS Transaction Server for z/OS, Version 5 Release 3					
VALCICSES3	BIT	CPSM	1	LIKE	Not valid in CICS Transaction Server for z/OS byte 3	59
VALCICSES3 Input/output valid values	128 (E710) - CICS Transaction Server for z/OS, Version 5 Release 4, 64 (E720) - CICS Transaction Server for z/OS, Version 5 Release 5					
VALCICSESA	BIT	CPSM	1	LIKE	Not valid in CICS/ESA	25
VALCICSESA Input/output valid values	128 (M212) - CICS/MVS 212, 64 (E330) - CICS/ESA 330, 32 (E410) - CICS/ESA 410, 16 (E510) - CICS Transaction Server for OS/390, Release 1, 8 (E520) - CICS Transaction Server for OS/390, Release 2, 4 (E530) - CICS Transaction Server for OS/390, Release 3, 2 (E610) - CICS Transaction Server for z/OS, Version 2 Release 1, 1 (E620) - CICS Transaction Server for z/OS, Version 2 Release 2					
VALCICSOS2	BIT	CPSM	1	LIKE	Not valid in CICS OS/2	27
VALCICSOS2 Input/output valid values	128 (O201) - CICS OS/2 201, 64 (O300) - CICS OS/2 300, 32 (O311) - CICS OS/2 310					
VALCICSVSE	BIT	CPSM	1	LIKE	Not valid in CICS/VSE	26
VALCICSVSE Input/output valid values	128 (V220) - CICS/VSE 220, 64 (V230) - CICS/VSE 230, 32 (V410) - CICS/VSE 410					
VALCICSWNT	BIT	CPSM	1	LIKE	Not valid in CICS for Windows	30
VALCICSWNT Input/output valid values	128 (N430) - CICS for Windows 430, 64 (N500) - CICS for Windows 500					
VALCOUNT	BINARY	CPSM	1	AVG	Number of values present	24
VALSETAVAIL	CHAR	CPSM	1	DIFF	Value set available	20
VALSETAVAIL Input/output valid values	Y (YES) - Value set active, N (NO) - No value set					
VIEWMOD	CHAR	CPSM	1	DIFF	Attribute may appear in a view	52
VIEWMOD Input/output valid values	Y (YES) - SPECIFY VIEW allowed, N (NO) - SPECIFY VIEW not allowed					



## Chapter 16. BATCHREP Resource Table

A CPSM Manager resource that provides information about a batched repository-update job.

The **Primary** key field for this resource class is INPUTDSN.

The **Secondary** key field for this resource class is INPUTMEMBER.

The following actions are supported:

### CHECK

Check input parameters for a batched repository-update job.

The parameter data for the CHECK action is:

```
PARM('INPUTDSN(data set)
      [INPUTMEMBER(membername)] [PRINTCLASS(class)]
      PRINTNODE(node) OUTPUTUSER(userid).')
```

where:

- data set = (Required) 1-to 44-character name of the sequential or Partitioned Data Set (PDS) that contains the input parameters to the batched repository-update job.
- membername = When using a PDS, the name of the member that contains the input parameters to the batched repository-update job.
- class = 1-character print class identifier. If omitted print class A is used.
- node = (Required) 1-to 8-character print node identifier to be used by the system spooler for routing the job output.
- userid = (Required) 1- to 8-character user identifier for the job output.

### EXECUTE

Execute a batched repository-update job.

The parameter data for the EXECUTE action is:

```
PARM('INPUTDSN(data set)
      [INPUTMEMBER(membername)] [PRINTCLASS(class)]
      PRINTNODE(node) OUTPUTUSER(userid).')
```

where:

- data set = (Required) 1-to 44-character name of the sequential or Partitioned Data Set (PDS) that contains the input parameters to the batched repository-update job.
- membername = When using a PDS, the name of the member that contains the input parameters to the batched repository-update job.
- class = 1-character print class identifier. If omitted print class A is used.
- node = (Required) 1-to 8-character print node identifier to be used by the system spooler for routing the job output.
- userid = (Required) 1- to 8-character user identifier for the job output.

### External resource name

CICSBatchrepRequest

### Length

80

### Usage

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

Yes

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2554

*Table 43. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		INPUTDSN(value)	No
		INPUTMEMBER(value)	No
PERFORM SET	CHECK	INPUTDSN(value)	Yes
		INPUTMEMBER(value)	No
		OUTPUTUSER(value)	Yes
		PRINTCLASS(value)	No
		PRINTNODE(value)	Yes
	EXECUTE	INPUTDSN(value)	Yes
		INPUTMEMBER(value)	No
		OUTPUTUSER(value)	Yes
		PRINTCLASS(value)	No
		PRINTNODE(value)	Yes

*Table 44. BATCHREP FEEDBACK error codes*

Value	Code	Description
1	BATCHREP_DUPLICATE_REQUEST	Duplicate request for this input data set and member
2	BATCHREP_STORAGE_FAILURE	Failure to obtain storage for job
3	BATCHREP_PRINT_FAILURE	Failure during print processing
4	BATCHREP_INPUT_SEC_VIOLATION	Security violation with input data set
5	BATCHREP_SPOOL_UNAVAILABLE	Spool found to be not available
6	BATCHREP_DATASET_NOT_FOUND	Input data set not found
7	BATCHREP_OUTPUT_SEC_VIOLATION	Security violation with output data set
8	BATCHREP_PRINTNODE_NOT_FOUND	Print node is required but not specified
9	BATCHREP_OUTPUTUSER_NOT_FOUND	Output user is required but not specified

Table 44. BATCHREP FEEDBACK error codes (continued)

Value	Code	Description
10	BATCHREP_INV_INPUTMEMBER	Invalid input member
11	BATCHREP_INV_INPUTDSN	Invalid input data set name
12	BATCHREP_INV_PRINTCLASS	Invalid output class
13	BATCHREP_INV_PRINTNODE	Invalid print node
14	BATCHREP_INV_OUTPUTUSER	Invalid destination user ID

Table 45. BATCHREP resource table attributes

Name	Datatype	Source	Len	Sum	Description	Default	Attr ID
INPUTDSN-1	CHAR	CPSM	44	DIFF	Input data set		7
INPUTMEMBER-2	CHAR	CPSM	8	DIFF	Input member		8
OUTPUTUSER	CHAR	CPSM	8	DIFF	Destination user ID		11
PRINTCLASS	CHAR	CPSM	1	DIFF	Output class	A	9
PRINTNODE	CHAR	CPSM	8	DIFF	Destination node		10
PROCESS	EYUDA	CPSM	4	LIKE	Processing state	STOPPED	12
PROCESS Output valid values	STARTED, STOPPED						
RUNTYPE	EYUDA	CPSM	4	LIKE	Batch run type	CHECK	6
RUNTYPE Input/output valid values	EXECUTE, CHECK						





## Chapter 17. BINCONRS Resource Table

A CPSM Business Application Services Manager object that describes the reasons for inconsistent set errors encountered while installing CICS Definitions into CICS systems.

The **Primary** key field for this resource class is CICSNAME.

The **Secondary** key field for this resource class is CANDNAME.

The **Tertiary** key field for this resource class is CANDVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

144

#### Usage

API

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Metadata

#### Copybook identifier

EYUt2619

Table 46. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 47. BINCONRS resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CANDASGOVR	EYUDA	CPSM	4	LIKE	Candidate assignment override	19
CANDASGOVR Output valid values	NO, YES					
<b>CANDNAME-2</b>	CHAR	CPSM	8	LIKE	Candidate resource name	10
CANDRASG	CHAR	CPSM	8	LIKE	Candidate resource assignment	14
CANDRDSC	CHAR	CPSM	8	LIKE	Candidate resource description	15
CANDRGRP	CHAR	CPSM	8	LIKE	Candidate resource group	13
CANDSGRP	CHAR	CPSM	8	LIKE	Candidate system group	17
CANDTYPE	EYUDA	CPSM	4	LIKE	Candidate system type	18
CANDTYPE Output valid values	TARGET, RELATED					
CANDUSAGE	EYUDA	CPSM	4	LIKE	Candidate resource assignment usage	16
CANDUSAGE Output valid values	LOCAL, REMOTE, ASIS					

Table 47. BINCONRS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
CANDVER-3	BINARY	CPSM	1	LIKE	Candidate resource version	11
CICSNAME-1	CHAR	CPSM	8	LIKE	CICS system name	6
CMASNAME	CHAR	CPSM	8	LIKE	CMAS name	4
ERROP	BINARY	CPSM	1	LIKE	Error operation	8
ERROP Input/output valid values	1 (ADDSYS) - Add System to System Group, 2 (ADDTGRP) - Add Definition to Group, 3 (UPDINGRP) - Update Definition in Group, 4 (ADDRASI) - Add RASINDSC, 5 (ADDRESSI) - Add RESINDSC, 6 (UPDRASG) - Update RASGNDEF, 7 (UPDRASI) - Update RASINDSC, 8 (UPDRESI) - Update RESDESC Install Scope, 9 (UPDRDSC) - Update RESDESC					
EXISTASGOVR	EYUDA	CPSM	4	LIKE	Existing resource assignment override	29
EXISTASGOVR Output valid values	NO, YES					
EXISTNAME	CHAR	CPSM	8	LIKE	Existing resource name	20
EXISTRASG	CHAR	CPSM	8	LIKE	Existing resource assignment	23
EXISTRDSC	CHAR	CPSM	8	LIKE	Existing resource description	24
EXISTRGRP	CHAR	CPSM	8	LIKE	Existing resource group	22
EXISTSGRP	CHAR	CPSM	8	LIKE	Existing system group	27
EXISTTYPE	EYUDA	CPSM	4	LIKE	Existing system type	28
EXISTTYPE Output valid values	TARGET, RELATED					
EXISTUSAGE	EYUDA	CPSM	4	LIKE	Existing resource assignment usage	26
EXISTUSAGE Output valid values	LOCAL, REMOTE, ASIS					
EXISTVER	BINARY	CPSM	1	LIKE	Existing resource version	21
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	5
RESTYPE	CHAR	CPSM	8	LIKE	Resource type	7

## Chapter 18. BINCONSC Resource Table

A CPSM Business Application Services Manager object that describes the reasons for inconsistent scope errors encountered while installing CICS Definitions into aCICS system.

The **Primary** key field for this resource class is TARGSCOPE.

The **Secondary** key field for this resource class is RELSCOPE.

There are no object specific actions for this resource class.

### External resource name

#### Length

80

#### Usage

API

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Metadata

#### Copybook identifier

EYUt2620

Table 48. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 49. BINCONSC resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CICSNAME	CHAR	CPSM	8	LIKE	CICS system name	15
CMASNAME	CHAR	CPSM	8	LIKE	CMAS name	4
ERRCODE	BINARY	CPSM	1	LIKE	Error code	7
ERRCODE Input/output valid values	1 (SAMESCP) - Target/Related scopes are same, 2 (TRGINREL) - Target Scope is in Related, 3 (RELINTRG) - Related Scope is in Target, 4 (SYSNBOTH) - CICSNAME in Target and Related, 5 (MULTREL) - Multiple Systems in Related, 6 (RELNOSYS) - Related System has no SYSID					
ERROP	BINARY	CPSM	1	LIKE	Error operation	6
ERROP Input/output valid values	1 (ADDRASI) - Add RASINDSC, 2 (UPDRASG) - Update RASGNDEF, 3 (UPDRASI) - Update RASINDSc, 4 (UPDRDSC) - Update RESDESC, 5 (ADDSYS) - Add System to Group					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	5
RELRASG	CHAR	CPSM	8	LIKE	Resource assignment for related scope	13
RELRDSC	CHAR	CPSM	8	LIKE	Resource description for related scope	14
<b>RELSCOPE-2</b>	CHAR	CPSM	8	LIKE	Related scope name	12
TARGRASG	CHAR	CPSM	8	LIKE	Resource assignment for target scope	10

Table 49. BINCONSC resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
TARGRDSC	CHAR	CPSM	8	LIKE	Resource description for target scope	11
TARGSCOPE-1	CHAR	CPSM	8	LIKE	Target scope name	9

## Chapter 19. BINSTERR Resource Table

A CPSM Business Application Services Manager object that identifies errors encountered while installing CICS Definitions into CICS systems.

The **Primary** key field for this resource class is CICSNAME.

The **Secondary** key field for this resource class is RESNAME.

The **Tertiary** key field for this resource class is RESVER.

The **Fourth** key field for this resource class is RESTYPE.

There are no object specific actions for this resource class.

### External resource name

#### Length

48

#### Usage

API

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Metadata

#### Copybook identifier

EYUt2616

Table 50. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 51. BINSTERR resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CEIBFN	BINARY	CPSM	2	LIKE	EIBFN response from CICS	13
<b>CICSNAME-1</b>	CHAR	CPSM	8	LIKE	CICS system name	6
CMASNAME	CHAR	CPSM	8	LIKE	CMAS name	4
CRESP1	BINARY	CPSM	4	LIKE	RESP response from CICS	11
CRESP2	BINARY	CPSM	4	LIKE	RESP2 response from CICS	12
ERRCODE	BINARY	CPSM	1	LIKE	Error code	10
ERRCODE Input/output valid values	1 (SYSSTATE) - System Inact/Not Cre capable, 2 (INSTNAUT) - Install not authorized, 3 (DSCDNAUT) - Discard not authorized, 4 (INSTFAIL) - Install failure, 5 (DSCDFAIL) - Install discard failure, 6 (INSTCPFL) - Install Complete failure, 7 (INSTNCON) - Install Connection failure, 8 (INSTSTAT) - Install status failure, 9 (INSTNSUP) - Install not supported, 10 (FORCENO) - Resource Install negated, 11 (DSCRDERR) - Discard failure, 12 (METHFAIL) - MAS method failure, 13 (NOCREATE) - System not create capable, 14 (RSRCNSUP) - Resource not supported					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	5

Table 51. BINSTERR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
RESNAME-2	CHAR	CPSM	8	LIKE	Resource name	7
RESTYPE-4	RESTYPE	CPSM	2	LIKE	Resource type	8
RESVER-3	BINARY	CPSM	1	LIKE	Resource version number	9

## Chapter 20. BRFACIL Resource Table

A CICS Resource that describes a LINK3270 bridge facility.

The **Primary** key field for this resource class is NAME.

The following action is supported:

### RELEASE

Mark an active bridge facility for deletion.

### External resource name

CICSBridgeFacility

### Length

88

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0111

*Table 52. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	RELEASE	None	N/A

*Table 53. BRFACIL resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	
KEEPTIME	INTSEC	INQ	BRFACILITY	KEEPTIME	4	MAX	No	Facility keep time	12
LINKSYSNET	CHAR	INQ	BRFACILITY	LINKSYSNET	8	DIFF	No	Remote bridge target region network name	8
LINKSYSTEM	CHAR	INQ	BRFACILITY	LINKSYSTEM	4	DIFF	No	Remote bridge target region system ID	7
<b>NAME-1</b>	HEX	INQ	BRFACILITY	BRFACILITY	8	MIN	No	Bridge facility token	1

Table 53. BRFACIL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Attr ID
NAMESPACE	CVDAS	INQ	BRFACILITY	NAMESPACE	4	LIKE	No	Namespace type	11
NAMESPACE Output valid values	LOCAL, SHARED								
NETNAME	CHAR	INQ	BRFACILITY	NETNAME	8	DIFF	No	Network name	2
REMOTESYSNET	CHAR	INQ	BRFACILITY	REMOTESYSNET	8	DIFF	No	Remote bridge router network name	10
REMOTESYSTEM	CHAR	INQ	BRFACILITY	REMOTESYSTEM	4	DIFF	No	Remote bridge router system ID	9
TASKID	BINARY	INQ	BRFACILITY	TASKID	4	AVG	No	Task number	5
TERMID	CHAR	INQ	BRFACILITY	TERMID	4	DIFF	No	Terminal	3
TERMSTATUS	CVDAS	INQ	BRFACILITY	TERMSTATUS	4	LIKE	Yes	Terminal status	13
TERMSTATUS Input/output valid values	RELEASED								
TERMSTATUS Output valid values	ACQUIRED, AVAILABLE								
TRANSID	CHAR	INQ	BRFACILITY	TRANSACTION	4	DIFF	No	Transaction	4
USERID	CHAR	INQ	BRFACILITY	USERID	8	DIFF	No	User ID	6



## Chapter 21. BUNDEF Resource Table

A CICS definition that describes an application bundle.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### CREATE

Create a BUNDLE resource that represents the application bundle in CICS.

### INSTALL

Install a BUNDLE resource so that the application bundle is available in CICS.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#)

### External resource name

CICSDefinitionBundle

### Length

656

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3839

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No

Table 54. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTOGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 55. BUNDDDEF FEEDBACK error codes

Value	Code	Description
1	BUNDDDEF_INV_DATA	Attribute data invalid
2	BUNDDDEF_REC_NOT_FOUND	Requested resource not found
4	BUNDDDEF_REC_EXISTS	Resource already exists
5	BUNDDDEF_REC_CHANGED	Resource definition already changed
6	BUNDDDEF_INV_RESTYPE	Invalid resource type
7	BUNDDDEF_INV_VER	Invalid resource version
11	BUNDDDEF_NON_MP	Maintenance point CMAS not available
12	BUNDDDEF_INV_CONTEXT	Context not found
13	BUNDDDEF_INCONSISTENT_SET	Inconsistent set condition
14	BUNDDDEF_INV_RESGROUP	Resource group not found
21	BUNDDDEF_INV_ACTION	Invalid action
22	BUNDDDEF_INV_RECADDR	Invalid record address
23	BUNDDDEF_INV_RECLN	Invalid record length
24	BUNDDDEF_DIFF_VERSION	Different version
25	BUNDDDEF_EARLY_NAMELIST_END	Early name list end
26	BUNDDDEF_INV_NAMELIST	Invalid name list

Table 55. BUNDDDEF FEEDBACK error codes (continued)

Value	Code	Description
27	BUNDDDEF_INV_NAME	Invalid name
28	BUNDDDEF_INV_MINNAME	Invalid minor name
29	BUNDDDEF_NOTIFY	Notify
30	BUNDDDEF_PARTIAL_INSTALL	Partial install
31	BUNDDDEF_NOTHING_INSTALLED	Nothing installed
32	BUNDDDEF_NO_TARGETS	No targets
33	BUNDDDEF_NO_RELATED	No related systems
34	BUNDDDEF_INV_TSCOPE	Invalid target scope
35	BUNDDDEF_INV_RSCOPE	Invalid related scope
36	BUNDDDEF_INV_USAGE	Invalid usage
37	BUNDDDEF_INV_MODE	Invalid mode
38	BUNDDDEF_INV_STATECHK	Invalid state check
39	BUNDDDEF_INV_FORCEINS	Invalid force install
40	BUNDDDEF_INV_NOTIFY	Invalid notify
41	BUNDDDEF_INV_OVERTYPE	Invalid over type
42	BUNDDDEF_INV_OVRBLOCK	Invalid override block
43	BUNDDDEF_INV_ORSTRING	Invalid override string
44	BUNDDDEF_INV_STRNGTERM	Invalid string term
45	BUNDDDEF_INV_EMBEDTERM	Invalid embedded terminator
46	BUNDDDEF_INV_ATTRIBUTE	Invalid attribute
47	BUNDDDEF_INV_LITERAL	Invalid literal
48	BUNDDDEF_INV_ORSTGNA	Invalid override string
49	BUNDDDEF_SCOPE_REQUIRED	Scope required
50	BUNDDDEF_USAGE_CONFLICT	Usage conflict
51	BUNDDDEF_NODEFS_SELECTED	No definitions selected
52	BUNDDDEF_MORE_THAN_1_RELSYS	More than one related system
53	BUNDDDEF_MISSING_RELSYSID	Missing related system identifier
54	BUNDDDEF_SCOPE_CONFLICT	Scope conflict
55	INVALID_BUNDLE_NAME	Invalid Bundle name.
56	BUNDDDEF_INV_CSDGROUP	Invalid CSD group
57	BUNDDDEF_REC_NOT_REMOVED	Record not removed
58	BUNDDDEF_INV_RESOURCE	Invalid resource
59	BUNDDDEF_INV_CICS_RESTYPE	Invalid CICS restype
60	BUNDDDEF_PARTIAL_ACTION	Partial action

Table 55. BUNDDDEF FEEDBACK error codes (continued)

Value	Code	Description
61	BUNDDDEF_NOTHING_ACTIONED	Nothing actioned
62	BUNDDDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
63	BUNDDDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
64	BUNDDDEF_CSD_ERROR	CSD access error

Table 56. BUNDDDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
BASESCOPE	CHAR	CPSM	255	No	DIFF	BASESCOPE				20
BUNDLEDIR	CHAR	CPSM	255	Yes	DIFF	Name of the BUNDLE directory on zFS				19
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	4
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	7
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	6
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				5
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	21
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		16
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				18
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				12
STATUS	CVDAS	CPSM	4	Yes	LIKE	Enabled Status	ENABLED			17
STATUS Input/output valid values	ENABLED, DISABLED									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				13
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				14
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				15

## Chapter 22. BUNDLE Resource Table

A CICS resource that provides information about an application bundle.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### AVAILABLE

Make the application available to callers through its application entry points.

### DISABLE

Disable the BUNDLE resource so that the application that is deployed as a bundle is no longer available.

### DISCARD

Discard the BUNDLE resource definition. The resource must be disabled.

### ENABLE

Enable the BUNDLE resource so that the application is available in CICS.

### UNAVAILABLE

Make the application unavailable to callers through its application entry points.

### PHASEIN

Register new versions of any OSGi bundles referenced by the BUNDLE with the OSGi framework.

### External resource name

CICSBundle

### Length

704

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0182

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A
	DISABLE	None	N/A

Table 57. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	DISCARD	None	N/A
	AVAILABLE	None	N/A
	UNAVAILABLE	None	N/A
	PHASEIN	None	N/A

Table 58. BUNDLE resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			
AVAILSTATUS	CVDAS	INQ	BUNDLE	AVAILSTATUS	4	LIKE	Yes	Availability status		E640 E650 E660 E670 E680	24
AVAILSTATUS Input/ output valid values	AVAILABLE, UNAVAILABLE										
AVAILSTATUS Output valid values	SOMEAVAIL, NONE										
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0		13
BASESCOPE	CHAR	INQ	BUNDLE	BASESCOPE	25	DIF F	No	BASESCOPE			14
BUNDLEDIR	CHAR	INQ	BUNDLE	BUNDLEDIR	25	DIF F	No	Name of the BUNDLE directory on zFS			12
BUNDLEID	CHAR	INQ	BUNDLE	BUNDLEID	64	DIF F	No	Bundle ID			19
CHANGEAGENT	CVDAS	INQ	BUNDLE	CHANGEAGENT	4	LIKE	No	Last modification agent			2
CHANGEAGENT Input/ output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC										
CHANGEAGREL	CHAR	INQ	BUNDLE	CHANGEAGREL	4	DIF F	No	Last modification agent release			3
CHANGETIME	DATETIME	INQ	BUNDLE	CHANGETIME	8	MAX	No	Last modification time			10
CHANGEUSRID	CHAR	INQ	BUNDLE	CHANGEUSRID	8	DIF F	No	Last modification user ID			4
DEFINESOURCE	CHAR	INQ	BUNDLE	DEFINESOURCE	8	DIF F	No	Source of the resource definition			5
DEFINETIME	DATETIME	INQ	BUNDLE	DEFINETIME	8	MAX	No	Creation time			9
ENABLEDCOUNT	BINARY	INQ	BUNDLE	ENABLEDCOUNT	4	SUM	No	Enabled count			18
ENABLESTATUS	CVDAS	INQ	BUNDLE	ENABLESTATUS	4	LIKE	Yes	Status			8
ENABLESTATUS Input/ output valid values	ENABLED, DISABLED										
ENABLESTATUS Output valid values	ENABLING, DISABLING, DISCARDING										
INSTALLAGENT	CVDAS	INQ	BUNDLE	INSTALLAGENT	4	LIKE	No	Installation agent			6

Table 58. BUNDLE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST, CLOUD										
INSTALLTIME	DATETIME	INQ	BUNDLE	INSTALLTIME	8	MAX	No	Installation time			11
INSTALLUSRID	CHAR	INQ	BUNDLE	INSTALLUSRID	8	DIFF	No	Installation user ID			7
MAJORVERSION	BINARY	INQ	BUNDLE	MAJORVERSION	4	MAX	No	Major Version			20
MGMPART	HEX	INQ	BUNDLE	MGMPART	8	MIN	No	Management part Id			23
MICROVERSION	BINARY	INQ	BUNDLE	MICROVERSION	4	MAX	No	Micro Version			22
MINORVERSION	BINARY	INQ	BUNDLE	MINORVERSION	4	MAX	No	Minor Version			21
<b>NAME-1</b>	CHAR	INQ	BUNDLE	BUNDLE	8	DIFF	No	Name			1
PARTCOUNT	BINARY	INQ	BUNDLE	PARTCOUNT	4	SUM	No	Part count			16
TARGETCOUNT	BINARY	INQ	BUNDLE	TARGETCOUNT	4	SUM	No	Target count			17





## Chapter 23. BUNDPART Resource Table

Inquire about the different parts of an application bundle, including the resources that are dynamically created and managed as part of the bundle.

The **Primary** key field for this resource class is BUNDLE.

The **Secondary** key field for this resource class is BUNDLEPART.

The **Tertiary** key field for this resource class is SEQNUMBER.

Although the BUNDPART resource identifies multiple key attributes, only the BUNDLE attribute can be specified in an EVALDEF INSTANCE attribute.

The following actions are supported:

### INQUIRE

Inquire about contents of the BUNDLE resource, including the resources that were dynamically created by the BUNDLE resource definition. The BUNDLE resource must be installed.

#### External resource name

CICSBundlePart

#### Length

872

#### Usage

API or WUI or CICS Management Client Interface or EVALDEF

#### API view

Yes

#### CMAS context

No

#### SCOPE applies

Yes

#### Only query CMASs in workload

No

#### Object type

CICS Resource

#### Copybook identifier

EYUt0191

Table 59. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 60. BUNDPART resource table attributes									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		

Table 60. BUNDPART resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
AVAILSTATUS	CVDAS	INQ	BUNDLEPART	METADATAFILE	4	LIKE	Availability status	E640 E650 E660 E670 E680	10
AVAILSTATUS Output valid values	AVAILABLE, UNAVAILABLE, NONE								
<b>BUNDLE-1</b>	CHAR	INQ	BUNDLEPART	BUNDLE	8	DIFF	Bundle name		1
<b>BUNDLEPART-2</b>	CHAR	INQ	BUNDLEPART	BUNDLEPART	255	DIFF	Bundle resource name		2
ENABLESTATUS	CVDAS	INQ	BUNDLEPART	ENABLESTATUS	4	LIKE	Resource status		4
ENABLESTATUS Output valid values	ENABLED, DISABLED, ENABLING, DISABLING, DISCARDING, UNUSABLE								
METADATAFILE	CHAR	INQ	BUNDLEPART	METADATAFILE	255	DIFF	Relative zFS path to resource description file		6
OPERATION	CHAR	INQ	BUNDLEPART	METADATAFILE	64	DIFF	Operation Name	E640 E650 E660 E670 E680	11
PARTCLASS	CVDAS	INQ	BUNDLEPART	PARTCLASS	4	LIKE	Resource class		5
PARTCLASS Output valid values	DEFINITION, EXPORT, IMPORT, ENTRYPOINT, POLICYSCOPE								
PARTTYPE	CHAR	INQ	BUNDLEPART	PARTTYPE	255	DIFF	Resource type URI		7
<b>SEQNUMBER-3</b>	BINARY	CPSM			4	MAX	Browse sequence number		9

## Chapter 24. BUNINGRP Resource Table

A CPSM Business Application Services definition that describes the membership of a bundle definition (BUNDDEF) in a resource group (RESGROUP). A BUNDDEF resource object can be a member of multiple RESGROUPS.

The **Primary** key field for this resource class is BUNGROUP.

The **Secondary** key field for this resource class is BUNNAME.

The **Tertiary** key field for this resource class is BUNVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6184

<i>Table 61. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 62. BUNINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	BUNINGRP_INV_DATA	Attribute data invalid
2	BUNINGRP_REC_NOT_FOUND	Requested resource not found
4	BUNINGRP_REC_EXISTS	Resource already exists
6	BUNINGRP_INV_RESTYPE	Invalid resource type
7	BUNINGRP_INV_VER	Invalid resource version
11	BUNINGRP_NON_MP	Maintenance point CMAS not available

Table 62. BUNINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	BUNINGRP_INV_CONTEXT	Context not found
21	BUNINGRP_INCONSISTENT_SET	Inconsistent set
22	BUNINGRP_DIFF_VERSION	Different version
23	BUNINGRP_INV_NAME	Invalid name
24	BUNINGRP_INV_MINNAME	Invalid minor name

Table 63. BUNINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
<b>BUNGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>BUNNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Bundle definition name	6
<b>BUNVER-3</b>	BINARY	CPSM	1	Yes	AVG	Bundle definition version	7
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9

## Chapter 25. CFDTPOOL Resource Table

A CICS Resource that describes a Coupling Facility Data Table pool in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSCFDTPool

**Length**

32

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0097

Table 64. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 65. CFDTPOOL resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
CONNSTATUS	CVDAS	INQ	CFDTPOOL	CONNSTATUS	4	LIKE	Connection status	2
CONNSTATUS Output valid values	CONNECTED, NOTCONNECTED, UNAVAILABLE							
<b>NAME-1</b>	CHAR	CPSM			8	DIFF	Pool name	1



## Chapter 26. CICSDSA Resource Table

A CICS Resource that describes a named dynamic storage area in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSDynamicStorageArea

**Length**

312

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0002

Table 66. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A

Table 67. CICSDSA FEEDBACK error codes		
Value	Code	Description
2	CICSDSA_REC_NOT_FOUND	Requested resource not found
3	CICSGCDSA_NOT_SETTABLE	MEMLIMIT for GCDSA, GUDSA or GSDSA is unmodifiable

Table 68. CICSDSA resource table attributes											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Inval id	Set Inval id	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			
ACCESSTYPE	EYUDA	STAT			4	LIKE	No	Storage key			22

Table 68. CICSDSA resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Inval id	Set Inval id	Attr ID
ACCESSTYPE Output valid values	CICS, USER, READONLY, TRUSTED										
ASACTIVE	BINARY	STAT	SMSGLOBAL	SMSASACTIVE	8	AVG	No	Current address space storage that is addressable	E640		48
ASUBTOTL	BINARY	STAT	SMSBODY	SMSASR	4	AVG	No	Number of Add Subpool requests			7
ATBCUSHLIMIT	BINARY	STAT	SMSGLOBAL	SMSATBCUSHLIMIT	8	AVG	No	Cushion limit	E640		53
ATBCUSHRELS	BINARY	STAT	SMSBODY	ISTG_ATBCUSHRELS	8	AVG	No	Number of GCDSA, GUDSA or GSDSA cushion releases	E640		52
CUMCMNSSUSRS	BINARY	STAT	SMSBODY	ISTG_CSSCUM	4	AVG	No	Cumulative number of common subspace users			36
CUMUNQSSUSRS	BINARY	STAT	SMSBODY	ISTG_USSCUM	4	AVG	No	Cumulative number of unique subspace users			33
CURCMNSSUSRS	BINARY	STAT	SMSBODY	ISTG_CSSCUR	4	AVG	No	Current number of common subspace users			35
CURRALLOC	BINARY	STAT	SMSBODY	ISTG_EDSAALLC	8	AVG	No	Current DSA allocation			38
CURUNQSSUSRS	BINARY	STAT	SMSBODY	ISTG_USSCUR	4	AVG	No	Current tasks allocated a unique subspace			32
CUSHION	BINARY	INQ	SMSBODY	SMSCSIZE	8	AVG	Yes	Cushion size		E410 +	3
DSUBTOTL	BINARY	STAT	SMSBODY	SMSDSR	4	AVG	No	Number of Delete Subpool requests			8
EXTENTSADDED	BINARY	STAT	SMSBODY	SMSEXTSA	4	AVG	No	Number of extents added to DSA			41
EXTENTSCURR	BINARY	STAT	SMSBODY	SMSEXTS	4	AVG	No	Number of extents allocated to DSA			40
EXTENTSDELTD	BINARY	STAT	SMSBODY	SMSEXTSR	4	AVG	No	Number of extents deleted from page pool			42
FREMTOTL	BINARY	STAT	SMSBODY	SMSFMREQ	4	AVG	No	Number of FREEMAIN requests			6
GDSAACTIVE	BINARY	STAT	SMSGLOBAL	SMSGDSAACTIVE	8	AVG	No	The current GDSA active	E640		50
GETMTOTL	BINARY	STAT	SMSBODY	SMSGMREQ	4	AVG	No	Number of GETMAIN requests			5
GETSTORSIZE	BINARY	STAT	SMSGLOBAL	SMSGGETSTORSIZE	8	AVG	No	The GETSTOR request size	E640		47
HWMALLOC	BINARY	STAT	SMSBODY	ISTG_EDSAHWM	8	MAX	No	Peak DSA allocation			39
HWMASACTIVE	BINARY	STAT	SMSGLOBAL	SMSHWMASACTIVE	8	AVG	No	The HWM address space that can be addressed	E640		49
HWCMNSSUSRS	BINARY	STAT	SMSBODY	ISTG_CSSHWM	4	MAX	No	Peak number of common subspace users			37
HWMFREE	BINARY	CPSM	SMSBODY	SMSHWMFSTG	8	MAX	No	Peak amount of free storage available			30
HWMGDSAACTIVE	BINARY	STAT			8	AVG	No	The peak GDSA active	E640		51
HWMUNQSSUSRS	BINARY	STAT	SMSBODY	ISTG_USSHWM	4	MAX	No	Peak number of unique subspace users			34



Table 68. CICSDSA resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Inval id	Set Inval id	Attr ID
LIMIT	BINARY	STAT	SMSBODY	ISTG_EDSALIMIT	8	AVG	Yes	Limit of storage for DSAs			24
LOCATION	EYUDA	STAT	SMSBODY	SMSLOCN	4	LIKE	No	Dynamic storage area (DSA) location			21
LOCATION Output valid values	ABOVE, BELOW, ABOVEBAR										
LWMFREE	BINARY	CPSM	SMSBODY	SMSLWMFSTG	8	MIN	No	Smallest amount of free storage available			31
MEMLIMIT	CNUMERIC	STAT	SMSGLOBAL	SMSMEMLIMIT	8	AVG	No	Maximum amount of above the bar storage	E640		46
NAME-1	CHAR	STAT	SMSBODY	SMSDSANAME	8	DIFF	No	Dynamic storage area (DSA)			1
NSTGCURR	BINARY	STAT	SMSBODY	SMSCSS	4	SUM	No	Number of current suspended storage requests			11
NSTGTOTL	BINARY	STAT	SMSBODY	SMSCRISS	4	AVG	No	Number of times NOSTORAGE returned			9
PCTFREE	PERCENT	CPSM			4	AVG	No	Percentage of available total storage			26
PGMONIU	BINARY	STAT			4	AVG	No	Storage occupied by not-in-use programs			4
POOLPCTFREE	PERCENT	CPSM			4	AVG	No	Percentage of available pool storage			25
REQSWAITMVS	BINARY	STAT	SMSBODY	ISTG_REQSCAUSINGWAIT	4	AVG	No	Number of requests for MVS storage causing wait			44
RNTPGPROTECT	CVDAS	STAT	SMSBODY	ISTG_RENTPGM	4	LIKE	No	Reentrant program protection status			28
RNTPGPROTECT Output valid values	REENTPROT, NOREENTPROT										
SIZE	BINARY	INQ	SMSBODY	SMSDSASZ	8	AVG	No	Subpool size			2
STGCRELC	BINARY	STAT	SMSBODY	SMSCREL	4	AVG	No	Number of times cushion released			14
STGFSIZE	BINARY	STAT	SMSBODY	SMSFSTG	8	AVG	No	Free storage size			18
STGHWM	BINARY	STAT	SMSBODY	SMSHWMDSASZ	8	MAX	No	Peak size of DSA			23
STGLSIZE	BINARY	STAT	SMSBODY	SMSLFA	8	AVG	No	Largest free area size			19
STGNSUBP	BINARY	STAT	SMSBODY	SMSCSUBP	4	AVG	No	Number of current subpools			17
STGPROTECT	CVDAS	STAT	SMSBODY	ISTG_STGPROT	4	LIKE	No	Storage protection status			27
STGPROTECT Output valid values	ACTIVE, INACTIVE										
STGPWCNT	BINARY	STAT	SMSBODY	SMSPWWS	4	AVG	No	Number of tasks purged while waiting			13
STGSHWM	BINARY	STAT	SMSBODY	SMSHWMSS	4	AVG	No	Peak number of suspended storage requests			12
STGSOSC	BINARY	STAT	SMSBODY	SMSOSS	4	SUM	No	Short on storage count			15
STGSOST	INTTSTP	STAT	SMSBODY	SMSTSOS	8	MAX	No	Total time CICS was short on storage			16
STGSTOTL	BINARY	STAT	SMSBODY	SMSUCSS	4	AVG	No	Number of times requests were suspended			10

Table 68. CICSDSA resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Set	Description	Get Inval id	Set Inval id	Attr ID
STGVTOTL	BINARY	STAT	SMSBODY	SMSSV	4	SUM	No	Number of storage violations			20
TIMEWAITMVS	INTTSTP	STAT	SMSBODY	ISTG_TIMEWAI TMVS	8	AVG	No	Total time waiting for MVS storage			43
TRNISOLATION	CVDAS	STAT	SMSBODY	ISTG_TRANISO	4	LIKE	No	Transaction isolation status			29
TRNISOLATION Output valid values	ACTIVE, INACTIVE										

## Chapter 27. CICSPAGP Resource Table

A CICS Resource that describes CICS page (DSA) pools in an active system being managed by CICSplex SM.

The **Primary** key field for this resource class is SMSDSANAME.

There are no object specific actions for this resource class.

**External resource name**

CICSPagePool

**Length**

312

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0130

Table 69. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 70. CICSPAGP resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
AVGTIMESOS	INTTSTP	CPSM			8	AVG	Average time spent short-on-storage (SOS)	62
GMNOTSATIMM	BINARY	CPSM			8	AVG	Total of non-immediate GETMAIN requests	56
LPCTFREE	PERCENT3	CPSM			4	AVG	Lowest size of free storage as percentage of total	53
PCTREL2GM	PERCENT3	CPSM			4	AVG	Percentage of cushion releases	59
PCTFREE	PERCENT3	CPSM			4	AVG	Size of free storage as percentage of total	51
PCTGMNOT2RQ	PERCENT3	CPSM			4	AVG	Percentage of GETMAIN requests failing	57

Table 70. CICSPAGP resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
PCTGMPURGED	PERCENT3	CPSM			4	AVG	Percentage of GETMAIN requests purged	58
PCTLFA2DSA	PERCENT3	CPSM			4	AVG	Size of largest free area as percentage of DSA	66
PCTSTGDSA	PERCENT3	CPSM			4	AVG	Percentage of DSA storage above/below 16MB	49
PPCTFREE	PERCENT3	CPSM			4	AVG	Peak size of free storage as percentage of total	52
PPCTSTGDSA	PERCENT3	CPSM			4	AVG	Peak DSA storage as percentage of total peak	50
RATECREL	RATE3	CPSM			8	AVG	Rate of cushion releases	61
RATEEXTSA	RATE3	CPSM			8	AVG	Rate of extent increase	64
RATEEXTSR	RATE3	CPSM			8	AVG	Rate of releasing extents	65
RATEFM	RATE3	CPSM			8	AVG	Rate of FREEMAIN requests	55
RATEGM	RATE3	CPSM			8	AVG	Rate of GETMAIN requests	54
RATESTORVIOL	RATE3	CPSM			8	AVG	Rate of storage violations	63
SMSACCESS	EYUDA	STAT	R64BODY	R64ACCESS	4	LIKE	Type of access of DSA	24
SMSACCESS Output valid values	NOTAPPLIC, CICS, USER, READONLY, TRUSTED							
SMSASR	BINARY	STAT	R64BODY	R64ASR	4	AVG	Number of ADD_SUBPOOL requests	30
SMSCREL	BINARY	STAT	R64BODY	R64CREL	4	AVG	Number of cushion releases	36
SMSCRISS	BINARY	STAT	R64BODY	R64CRISS	4	AVG	Number of requests returning no storage	32
SMSCSIZE	BINARY	STAT	R64BODY	R64CSIZE	4	AVG	Current cushion size	27
SMSCSSCUM	BINARY	STAT	R64GLOBAL	R64CSSCUM	4	AVG	Total number of common subspace users	15
SMSCSSCUR	BINARY	STAT	R64GLOBAL	R64CSSCUR	4	AVG	Current number of common subspace users	14
SMSCSSHWM	BINARY	STAT	R64GLOBAL	R64CSSHWM	4	AVG	Peak number of common subspace users	16
SMSCSUBP	BINARY	STAT	R64BODY	R64CSUBP	4	AVG	Current number of subpools	40
SMSDSABYTES	BINARY	STAT			8	AVG	Current size of DSA in bytes	71
SMSDSALIMIT	BINARY	STAT	R64GLOBAL	R64DSALIMIT	4	AVG	Current DSA limit	17
<b>SMSDSANAME-1</b>	CHAR	STAT	R64BODY	R64DSANAME	8	DIFF	Name of DSA in which the page pool is located	5
SMSDSASZ	BINARY	STAT	R64BODY	R64DSASZ	4	AVG	Current size of DSA	25
SMSDSATOTAL	BINARY	STAT	R64GLOBAL	R64DSATOTAL	4	AVG	Current DSA total	19
SMSDSR	BINARY	STAT	R64BODY	R64DSR	4	AVG	Number of DELETE_SUBPOOL requests	31
SMSEDSALIMIT	BINARY	STAT	R64GLOBAL	R64EDSALIMIT	4	AVG	Current EDSA limit	18
SMSEDSATOTAL	BINARY	STAT	R64GLOBAL	R64EDSATOTAL	4	AVG	Current EDSA total	20
SMSEXTS	BINARY	STAT	R64BODY	R64EXTS	4	AVG	Current number of extents	46
SMSEXTSA	BINARY	STAT	R64BODY	R64EXTSA	4	AVG	Number of extents added	47
SMSEXTSR	BINARY	STAT	R64BODY	R64EXTSR	4	AVG	Number of extents released	48
SMSFMREQ	BINARY	STAT	R64BODY	R64FMREQ	4	AVG	Number of FREEMAIN requests	29
SMSFSTG	BINARY	STAT	R64BODY	R64FSTG	4	AVG	Size of free storage including cushion	41

Table 70. CICSPAGP resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
SMSGMREQ	BINARY	STAT	R64BODY	R64GMREQ	4	AVG	Number of GETMAIN requests	28
SMSHWMSASZ	BINARY	STAT	R64BODY	R64HWMSASZ	4	AVG	Peak DSA size	26
SMSHWMSATOT	BINARY	STAT	R64GLOBAL	R64HWMSATOTAL	4	AVG	Peak storage allocated to DSAs	21
SMSHWMEDSATO	BINARY	STAT	R64GLOBAL	R64HWMEDSATOTAL	4	AVG	Peak storage allocated to EDSAs	22
SMSHWMFSTG	BINARY	STAT	R64BODY	R64HWMFSTG	4	AVG	Peak size of free storage	42
SMSHWMSS	BINARY	STAT	R64BODY	R64HWMSS	4	AVG	Peak number of requests suspended	34
SMSLFA	BINARY	STAT	R64BODY	R64LFA	4	AVG	Largest free area in DSA	44
SMSLOCN	EYUDA	STAT	R64BODY	R64LOCN	4	LIKE	Location above/below 16M or above the bar	23
SMSLOCN Output valid values	ABOVE, BELOW, ABOVEBAR							
SMSLWMFSTG	BINARY	STAT	R64BODY	R64LWMFSTG	4	AVG	Smallest size of free storage	43
SMSNPAGP	BINARY	STAT	R64GLOBAL	R64NPAGP	2	AVG	Number of page pools	6
SMSPWWS	BINARY	STAT	R64BODY	R64PWWS	4	AVG	Number of tasks purged waiting storage	35
SMSRENTPGM	EYUDA	STAT	R64GLOBAL	R64RENTPGM	4	LIKE	Reentrant program protection status	9
SMSRENTPGM Output valid values	REENTPROT, NOREENTPROT							
SMSSOS	BINARY	STAT	R64BODY	R64SOS	4	AVG	Number of times short-on-storage (SOS) occurred	37
SMSSTGPROT	EYUDA	STAT	R64GLOBAL	R64STGPROT	4	LIKE	Storage protection status	8
SMSSTGPROT Output valid values	ACTIVE, INACTIVE							
SMSSV	BINARY	STAT	R64BODY	R64SV	4	AVG	Number of storage violations	45
SMSTRANISO	EYUDA	STAT	R64GLOBAL	R64TRANISO	4	LIKE	Transaction isolation status	10
SMSTRANISO Output valid values	ACTIVE, INACTIVE							
SMSTSOS	INTTSTP	STAT	R64BODY	R64TSOS	8	AVG	Total time spent short-on-storage (SOS)	39
SMSUCSS	BINARY	STAT	R64BODY	R64UCSS	4	AVG	Number of conditional requests suspended	33
SMSUSSCUM	BINARY	STAT	R64GLOBAL	R64USSCUM	4	AVG	Total of unique subspace users	12
SMSUSSCUR	BINARY	STAT	R64GLOBAL	R64USSCUR	4	AVG	Current number of unique subspace users	11
SMSUSSHWM	BINARY	STAT	R64GLOBAL	R64USSHWM	4	AVG	Peak number of unique subspace users	13



## Chapter 28. CICSplex Resource Table

A CPSM Communications Manager object that describes a CICSplex being managed by a CMAS. CICSplex instances can be accessed only when you are connected to the CMAS that is the CICSplex Maintenance Point.

The **Primary** key field for this resource class is PLEXNAME.

The **Secondary** key field for this resource class is CMASNAME.

There are no object specific actions for this resource class.

### External resource name

CICSCICSplex

### Length

56

### Usage

API or WUI or CICS Management Client Interface

### API view

No

### CMAS context

Yes

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt2449

Table 71. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 72. CICSplex resource table attributes								
Name	Datatype	Source	Len	Sum	Description	Default	Value Range	Attr ID
ACCESSTYPE	EYUDA	CPSM	4	LIKE	Type of access from this CMAS to local CMAS			8
ACCESSTYPE Output valid values	N_A, LOCAL, ADJACENT, INDIRECT							
BOTRSUPD	BINARY	CPSM	1	DIFF	RS server bottom tier	1	1-25	16
CMASNAME-2	CHAR	CPSM	8	DIFF	CMAS			5
MPSTATUS	EYUDA	CPSM	4	LIKE	CMAS maintenance point status			9
MPSTATUS Output valid values	YES, NO							
PLEXNAME-1	CHAR	CPSM	8	DIFF	CICSplex			4
READRS	BINARY	CPSM	2	DIFF	RS server read interval	200	0-2000	13

Table 72. CICSplex resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Default	Value Range	Attr ID
RSPOOLID	CHAR	CPSM	8	DIFF	RS server pool name	DFHRSTAT		17
STATUS	EYUDA	CPSM	4	LIKE	CMAS status			7
STATUS Output valid values	N_A, INACTIVE, ACTIVE, LOSTCON, CREATING							
SYSID	CHAR	CPSM	4	DIFF	CMAS system ID			12
TOPRSUPD	BINARY	CPSM	1	DIFF	RS server top tier	5	1-25	15
TRANSITCMAS	CHAR	CPSM	8	DIFF	First transit CMAS			6
TRANSITCNT	BINARY	CPSM	2	AVG	The number of transit CMASs for indirect access			11
UPDATERS	BINARY	CPSM	1	DIFF	RS server update frequency	15	0-25	14



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## Chapter 29. CICSRegion Resource Table

This CICS resource describes an active CICS region being managed by CICSplex SM.

The CICSRegion resource class does not provide an explicit key attribute. The set of object instances returned is a function of the current scope in effect when the request is made.

The following actions are supported:

### ARMRESTART

Request an MVS CANCEL of the CICS system with an ARM restart. Note that this action completes successfully even if the MVS CANCEL command fails. The user ID associated with the CMAS (not the API user) must have the appropriate security access to issue the MVS CANCEL command successfully.

### DELETSHIPED

Control the removal of redundant shipped terminal definitions.

### RESEETIME

Reset the internal CICS clock.

### SECUREBUILD

Rebuild the ESM security profiles.

### SHUTDOWN

Shut down the CICS system.

The parameter data for the SHUTDOWN action is as follows:

```
PARM(' [NORMAL | IMMEDIATE | TAKEOVER] [DUMP] [NORESTART] [RESTART]
      [PLT(plt)] [XLT(xlt)] [SDTRAN(tranid) | NOSDTRAN].')
```

where:

```
plt   = 2-character DFHPLT suffix.
xlt   = 2-character DFHXLT suffix.
tranid = 1-to 8-character shutdown transaction ID.
```

### SNAP

Request a system dump.

The parameter data for the SNAP action is:

```
PARM(' DUMPCODE(code) [CALLER(caller)] [TITLE(title)].')
```

where:

```
code  = (Required) 1- to 8-character dump code.
caller = Caller text.
title  = Title text.
```

### SSLREBUILD

Rebuild the z/OS SSL environment.

### SWITCH

Switch auxiliary tracing from one data set to the other.

### External resource name

CICSRegion

### Length

1096

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0001

*Table 73. Valid CPSM operations*

<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		None	N/A
SET		None	N/A
PERFORM SET	SHUTDOWN	DUMP	No
		IMMEDIATE	No
		NORESTART	No
		NORMAL	No
		NOSDTRAN	No
		PLT(value)	No
		RESTART	No
		SDTRAN(value)	No
		TAKEOVER	No
		XLT(value)	No
	SNAP	CALLER(value)	No
		DUMPCODE(value)	Yes
		TITLE(value)	No
	SWITCH	None	N/A
	RESETTIME	None	N/A
	SECREBUILD	None	N/A
	DELETSHIPED	None	N/A
	STATISTICS	ALL	No
		ATOMSERVICE	No
		AUTOINSTALL	No
		BEAN	No
		BUNDLE	No
		CAPTURESPEC	No

Table 73. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		CONNECTION	No
		CORBASERVER	No
		DB2	No
		DISPATCHER	No
		DOCTEMP	No
		DTBACKOUT	No
		ENQUEUE	No
		EVENTBINDING	No
		EVENTPROCESS	No
		FEPI	No
		FILE	No
		IPCONN	No
		IRCBATCH	No
		JOURNAL	No
		JRNLNAM	No
		JVMPOOL	No
		JVMPROFILE	No
		JVMPROGRAM	No
		JVMSERVER	No
		LIBRARY	No
		LSRPOOL	No
		MONITOR	No
		MQCONN	No
		MQMON	No
		PIPELINE	No
		PROGAUTOINS	No
		PROGRAM	No
		PROGRAMDEF	No
		RECOVERY	No
		REQUESTMODEL	No
		RESETNOW	No
		STATISTICS	No
		STORAGE	No
		STREAMNAME	No

Table 73. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		SYSDUMP	No
		TABLEMGR	No
		TASKCONTROL	No
		TCPIP	No
		TCPIPSERVICE	No
		TEMPSTOR	No
		TERMINAL	No
		TRANCLASS	No
		TRANDATA	No
		TRANDUMP	No
		TRANSACTION	No
		URIMAP	No
		VTAM	No
		WEBSERVICE	No
		XMLTRANSFORM	No
	ARMRESTART	None	N/A
	SSLREBUILD	None	N/A

Table 74. CICS RGN FEEDBACK error codes

Value	Code	Description
12	CICSRGN_INV_CONTEXT	Context not found
21	CICSRGN_ACTNOT_SUPPORTED	Action not supported
22	CICSRGN_RESOURCE_REQUIRED	Resource required
23	CICSRGN_SYSTEM_NOT_ACTIVE	System not active
24	CICSRGN_ARM_NOT_AVAILOPSYS	ARM invalid for Operating System
25	CICSRGN_ARM_NOT_AVAILCICSREL	ARM invalid for CICS Release
26	CICSRGN_ARM_NOT_REGISTERED	Not registered for ARM
27	CICSRGN_ARM_NOT_ACTIVE	ARM restart unavailable - ARM not active on system
28	CICSRGN_ARM_POLICY_CHECK	Current ARM policy prohibits ARM restart of this MAS
29	CICSRGN_ALL_REQUIRED	Collect all statistics required
30	CICSRGN_INVALID_DUMP CODE	Invalid dumpcode
31	CICSRGN_ARM_NOT_IN_SMSS	ARMRESTART not available in an SMSS

Table 75. CICS RGN resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Invalid	Set Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF	No	CICS System Name				
EYU_CICSREL	CHAR	CPSM			4	DIF	No	CICS Release				
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved				
ACTHPTCBS	BINARY	INQ			4	AVG	No	Number of currently allocated HP pool TCBs		E640+		163
ACTJVMTCBS	BINARY	INQ	DISPATCHER	ACTJVMTCBS	4	AVG	No	Number of currently allocated JVM pool TCBs		E680+		165
ACTOPENTCBS	BINARY	INQ	SYSTEM	ACTOPENTCBS	4	AVG	No	Number of currently allocated Open pool TCBs				155
ACTSSLTCBS	BINARY	INQ	DISPATCHER	ACTSSLTCBS	4	AVG	No	Number of currently allocated SSL pool TCBs				171
ACTTHRDCBS	BINARY	STAT			4	AVG	No	Number of currently allocated JVM server thread TCBs		E640		182
ACTXPTCBS	BINARY	INQ	DISPATCHER	ACTXPTCBS	4	AVG	No	Number of currently allocated XPLink pool TCBs				169
AIDCOUNT	BINARY	INQ	SYSTEM	AIDCOUNT	4	MAX	No	Number of AIDs		E640 E650 E660 E670 E680 E690 E700 E710		195
AINSCREQ	BINARY	INQ	AUTOINSTALL	CURREQS	4	AVG	No	Number of current autoinstall requests				25
AINSMREQ	BINARY	INQ	AUTOINSTALL	MAXREQS	4	AVG	Yes	Maximum number of autoinstall requests				26
AINSPROG	CHAR	INQ	AUTOINSTALL	PROGRAM	8	DIF	Yes	Autoinstall program name				24
AINSSTAT	CVDAS	INQ	AUTOINSTALL	ENABLESTATUS	4	LIKE	No	Autoinstall enabled status				27
AINSSTAT Output valid values	ENABLED, DISABLED											
AKP	CNUMERIC	INQ	SYSTEM	AKP	4	MAX	Yes	Activity keypoint (AKP) frequency	50-65535			4
AMAXTASKS	BINARY	INQ			4	AVG	Yes	Maximum number of active tasks		E410+		5
APPLID	CHAR	INQ			8	DIF	No	VTAM application ID				2
AUXSTATUS	CVDAS	INQ	TRACEDEST	AUXSTATUS	4	LIKE	Yes	Auxiliary trace status				39
AUXSTATUS Input/output valid values	AUXSTART, AUXSTOP, AUXPAUSE											

Table 75. CICS/SGN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Invalid	Set Invalid	Attr ID
BMSVALABCNT	BINARY	STAT			4	LIKE	No	Number of BMS 3270 validation errors abended		E640 E650 E660 E670 E680 E690 E700		193
BMSVALIDATE	CHAR	STAT			4	LIKE	No	BMS 3270 validation		E640 E650 E660 E670 E680 E690 E700		190
BMSVALIGCNT	BINARY	STAT			4	LIKE	No	Number of BMS 3270 validation errors ignored		E640 E650 E660 E670 E680 E690 E700		191
BMSVALLGCNT	BINARY	STAT			4	LIKE	No	Number of BMS 3270 validation errors logged		E640 E650 E660 E670 E680 E690 E700		192
CICSSTATUS	CVDAS	INQ	SYSTEM	CICSSTATUS	4	LIKE	No	CICS status				7
CICSSTATUS Output valid values	STARTUP, ACTIVE, FIRSTQUIESCE, FINALQUIESCE, CONTROLSHUT, SHUTDOWN, CANCELLED, FIRSTINIT, SECONDINIT, THIRDINIT, INITCOMPLETE											
CICSSYS	CHAR	INQ	SYSTEM	CICSSYS	1	DIF	No	CICS operating system ID				17
CMDPROTECT	CVDAS	INQ	SYSTEM	CMDPROTECT	4	LIKE	No	Command protection status				141
CMDPROTECT Output valid values	CMDPROT, NOCMDPROT											
COLDSTATUS	CVDAS	INQ	SYSTEM	COLDSTATUS	4	LIKE	No	Cold start status				161

Table 75. CICS RGN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Inval	Set Inval	Attr ID
COLDSTATUS Output valid values	COLD, INITIAL, NOTAPPLIC											
CONSOLES	CVDAS	INQ	AUTOINSTALL	CONSOLES	4	LIKE	Yes	Autoinstall console status				157
CONSOLES Input/output valid values	PROG AUTO, FULL AUTO, NO AUTO											
CONVERSEST	CVDAS	INQ	MONITOR	CONVERSEST	4	LIKE	Yes	Separate conversational task performance records				98
CONVERSEST Input/output valid values	CONVERSE, NOCONVERSE											
CPUTIME	INTUSEC	CPSM			8	MAX	No	Total CPU time used				75
CTSLEVEL	CHAR	INQ	SYSTEM	CICSTSLEVEL	6	DIFF	No	CICS Transaction Server level				149
CURACTVUSRTR	BINARY	STAT	DFHXMGDS	XMGCAT	4	AVG	No	Current number of active user transactions				112
CURAU XDS	CHAR	INQ	TRACEDEST	CURAU XDS	1	DIFF	No	Current auxiliary trace dataset				87
CURQUEDUSRTR	BINARY	STAT	DFHXMGDS	XMGCQT	4	AVG	No	Current number of queued user transactions				113
CURQUETIME	INTTSTP	STAT	DFHXMGDS	XMGCQTME	8	MAX	No	Time currently queued transactions waiting				119
CURRAMAX	BINARY	STAT			2	AVG	No	Current number of user tasks eligible for dispatch		E410+		51
CURRENTDDS	CHAR	INQ	DUMPDS	CURRENTDDS	1	DIFF	No	Current dump data set				85
CURRTASKS	BINARY	INQ			4	AVG	No	Current number of tasks				110
CUTCBCNT	BINARY	STAT			2	AVG	No	Number of MVS task control blocks (TCBs)		E410+		54
DDSOSTAT	CVDAS	INQ			4	LIKE	Yes	Dump data set open status				28
DDSOSTAT Input/output valid values	OPEN, CLOSED											
DDSOSTAT Input valid values	SWITCH											
DDSSSTAT	CVDAS	INQ			4	LIKE	Yes	Dump data set switch type				29
DDSSSTAT Input/output valid values	SWITCHNEXT, NOSWITCH											
DEBUGTOOL	CVDAS	INQ	SYSTEM	DEBUGTOOL	4	LIKE	Yes	Debugging profiles status				167
DEBUGTOOL Input/output valid values	DEBUG, NODEBUG											
DFLTREMSYS	CHAR	INQ			4	DIFF	Yes	Default remote system		E330+		145
DFLTUSER	CHAR	INQ	SYSTEM	DFLTUSER	8	DIFF	No	Default user ID				103
DSIDLE	DECTIME	INQ	DELETSHIPED	IDLE	4	MAX	Yes	Minimum terminal idle-time before deletion				147

Table 75. CICS RGN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Inval	Set Inval	Attr ID
DSINTERVAL	DECTIME	INQ			4	MAX	Yes	Idle terminal check interval				148
DSRTPROGRAM	CHAR	INQ	SYSTEM	DSRTPROGR AM	8	DIF	Yes	Distributed routing program				156
DTRPROGRAM	CHAR	INQ	SYSTEM	DTRPROGRA M	8	DIF	Yes	Dynamic routing program name				12
ENDOFDAY	DECTIME	INQ	STATISTICS	ENDOFDAY	4	AVG	Yes	Statistics end-of-day time				35
EVENTCLASS	CVDAS	INQ			4	LIKE	Yes	SYSEVENT monitoring status		E620+		31
EVENTCLASS Input/output valid values	EVENT, NOEVENT											
EXCEPTCLASS	CVDAS	INQ	MONITOR	EXCEPTCLAS S	4	LIKE	Yes	Exception class monitoring status				32
EXCEPTCLASS Input/output valid values	EXCEPT, NOEXCEPT											
EXITTIME	BINARY	INQ	SYSTEM	TIME	4	AVG	Yes	Exit wait time				22
EXTSEC	CVDAS	INQ	SYSTEM	SECURITYMG R	4	LIKE	No	External security status				9
EXTSEC Output valid values	EXTSECURITY, CICSSECURITY, NOSECURITY											
FORCEQR	CVDAS	INQ	SYSTEM	FORCEQR	4	LIKE	Yes	Force quasi-reentrancy				153
FORCEQR Input/output valid values	FORCE, NOFORCE											
FREQUENCY	DECTIME	INQ	MONITOR	FREQUENCY	4	AVG	Yes	Performance record interval				99
GARBAGEINT	BINARY	INQ			4	AVG	Yes	Web domain garbage collection interval				159
GMMLNGTH	BINARY	INQ	SYSTEM	GMMLNGTH	2	AVG	No	Good morning message length				137
GMMTEXT	CHAR	INQ	SYSTEM	GMMTEXT	246	DIF	Yes	Good morning message				136
GMMTRANID	CHAR	INQ	SYSTEM	GMMTRANID	4	DIF	No	Good morning transaction ID				13
GRNAME	CHAR	INQ	VTAM	GRNAME	8	DIF	No	CICS registered generic name				138
GRSTATUS	CVDAS	INQ	VTAM	GRSTATUS	4	LIKE	Yes	Generic resource registration status				139
GRSTATUS Input/output valid values	DEREGISTERED, NOTAPPLIC											
GRSTATUS Output valid values	REGISTERED, UNREGISTERED, UNAVAILABLE, REGERROR, DEREGERROR											
GTFSTATUS	CVDAS	INQ	TRACEDEST	GTFSTATUS	4	LIKE	Yes	Generalized Tracing Facility (GTF) trace status				40
GTFSTATUS Input/output valid values	GTFSTART, GTFSTOP											
IDNTYCLASS	CVDAS	INQ	MONITOR	IDNTYCLASS	4	LIKE	Yes	Identity class status		E640 E650	E640 E650	181



Table 75. CICS RGN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Inval id	Set Inval id	Attr ID
IDNTYCLASS Input/output valid values	NOIDNTY, IDNTY											
INITIALDDS	CHAR	INQ	DUMPDS	INITIALDDS	1	DIF	Yes	Initial dump data set				86
INITSTATUS	CVDAS	INQ	SYSTEM	INITSTATUS	4	LIKE	No	Initialization status				133
INITSTATUS Output valid values	FIRSTINIT, SECONDINIT, THIRDINIT, INITCOMPLETE											
INTERVAL	DECTIME	INQ	STATISTICS	INTERVAL	4	AVG	Yes	Statistics recording interval				36
INTSTATUS	CVDAS	INQ	TRACEDEST	INTSTATUS	4	LIKE	Yes	Internal trace status				41
INTSTATUS Input/output valid values	INTSTART, INTSTOP											
INTVTRANS	BINARY	STAT	DFHXMGRS	XMGNUM	4	AVG	No	Transactions run since last CICS statistics reset				135
IRCSTAT	CVDAS	INQ			4	LIKE	Yes	Interregion communication (IRC) status				30
IRCSTAT Input/output valid values	OPEN, CLOSED											
IRCSTAT Input valid values	IMMCLOSE											
IRCSTAT Output valid values	CLOSING, IMMCLOSING											
JOBID	CHAR	CPSM			8	DIF	No	MVS job ID				184
JOBNAME	CHAR	INQ	SYSTEM	JOBNAME	8	DIF	No	MVS job name				1
LASTCOLDTIME	DATETIME	INQ	SYSTEM	LASTCOLDTIME	8	MAX	No	Last COLD start time		E640 E650 E660 E670 E680 E690 E700 E710		196
LASTEMERTIME	DATETIME	INQ	SYSTEM	LASTEMERTIME	8	MAX	No	Last EMERGENCY start time		E640 E650 E660 E670 E680 E690 E700 E710		197

Table 75. CICS/SGN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Inval id	Set Inval id	Attr ID
LASTINITTIME	DATETIME	INQ	SYSTEM	LASTINITTIME	8	MAX	No	Last INITIAL start time		E640 E650 E660 E670 E680 E690 E700 E710		198
LASTRESET	BINARY	STAT			8	AVG	No	Last statistics reset time		E410+		55
LASTWARMTIME	DATETIME	INQ	SYSTEM	LASTWARMTIME	8	MAX	No	The time of the last warm start of the region that occurred since the last initial start.		E640 E650 E660 E670 E680 E690 E700 E710		199
LDGLBSOU	BINARY	STAT	LDGGLOBAL	LDGLBSOU	4	AVG	No	LIBRARY search order updates		E640		177
LDGLSORT	BINARY	STAT	LDGGLOBAL	LDGLSORT	4	AVG	No	LIBRARY search order update time		E640		179
LDGLWSOU	BINARY	STAT	LDGGLOBAL	LDGLWSOU	4	AVG	No	Load requests waited due to search order update		E640		178
LOADHVMC	BINARY	STAT	LDGGLOBAL	LDGHVMT	4	AVG	No	Number of times maximum suspended tasks reached				62
LOADHVMW	BINARY	STAT	LDGGLOBAL	LDGWLHRW	4	AVG	No	Peak number of tasks waiting for load requests				61
LOADPNIU	BINARY	STAT			4	AVG	No	Number of programs on not-in-use queue				67
LOADREQS	BINARY	STAT	LDGGLOBAL	LDGLLR	4	AVG	No	Number of load requests				56
LOADRNIU	BINARY	STAT			4	AVG	No	Number of reclaims from not-in-use queue				68
LOADTIME	INT16US	STAT	LDGGLOBAL	LDGLLT	4	MAX	No	Total loading time				57
LOADTNIU	INTTSTP	STAT			8	MAX	No	Total time to remove not-in-use programs				66
LOADWAIT	INT16US	STAT	LDGGLOBAL	LDGTTW	4	MAX	No	Total load waiting time				63
LOADWCNT	BINARY	STAT	LDGGLOBAL	LDGWTDLR	4	AVG	No	Number of tasks waiting for load requests				60

Table 75. CICS RGN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Invalid	Set Invalid	Attr ID
LUCURR	BINARY	STAT	DFHA03DS	A03LUNUM	4	AVG	No	Number of LUs currently logged on				91
LUHWM	BINARY	STAT	DFHA03DS	A03LUHWM	4	AVG	No	Highest number of LUs logged on at any one time				92
MAXHPTCBS	BINARY	INQ			4	AVG	Yes	Maximum number of HP pool TCBs	1-999	E640+	E640+	162
MAXJVMTCBS	BINARY	INQ			4	AVG	Yes	Maximum number of JVM pool TCBs	1-999	E680+	E680+	164
MAXOPENTCBS	BINARY	INQ	SYSTEM	MAXOPENTCBS	4	AVG	Yes	Maximum number of Open pool TCBs	1-4032		E680	154
MAXSSLTCBS	BINARY	INQ	DISPATCHER	MAXSSLTCBS	4	AVG	Yes	Maximum number of SSL pool TCBs				170
MAXTASKS	BINARY	INQ	SYSTEM	MAXTASKS	4	AVG	Yes	Maximum number of active and suspended tasks				6
MAXTHRDCBS	BINARY	STAT			4	AVG	No	Maximum number of JVM server thread TCBs.		E640		183
MAXTRCNT	BINARY	STAT	DFHXMGDS	XMGTMAMXT	4	AVG	No	Number of times MAXTASK limit reached				111
MAXXPTCBS	BINARY	INQ	DISPATCHER	MAXXPTCBS	4	AVG	Yes	Maximum number of XPLink pool TCBs	1-999		E680	168
MEMLIMIT	CNUMERIC	INQ	SYSTEM	MEMLIMIT	8	LIKE	No	Maximum amount of above the bar storage		E640		173
MONRPTTIME	CVDAS	INQ			4	LIKE	No	Time zone for performance class records				102
MONRPTTIME Output valid values	GMT, LOCAL											
MONSTAT	CVDAS	INQ	MONITOR	STATUS	4	LIKE	Yes	Monitor status				34
MONSTAT Input/output valid values	ON, OFF											
MROBATCH	BINARY	INQ	SYSTEM	MROBATCH	4	AVG	Yes	Number of MRO requests to be batched				14
MVSSYSID	CHAR	CPSM			4	DIFF	No	MVS system ID				3
MVSSYSNAME	CHAR	CPSM			8	DIFF	No	MVS system name				152
NEXTTIME	DECTIME	INQ	STATISTICS	NEXTTIME	4	AVG	No	Next statistics recording time				37
OPREL	BINARY	INQ	SYSTEM	OPREL	2	AVG	No	Operating system release				15
OPSYS	CHAR	INQ	SYSTEM	OPSYS	1	DIFF	No	Operating system				16
OSLEVEL	CHAR	INQ	SYSTEM	OSLEVEL	6	DIFF	No	OS/390 level				150
PAGEIN	BINARY	CPSM			4	AVG	No	Number of page-in requests				76
PAGEOUT	BINARY	CPSM			4	AVG	No	Number of page-out requests				77

Table 75. CICS RGN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Inval id	Set Inval id	Attr ID
PEAKAMAX	BINARY	STAT			2	AVG	No	Peak number of user tasks eligible for dispatch		E410+		52
PEAKTASKS	BINARY	STAT	DFHDSGDS	DSGPNT	2	AVG	No	Peak number of tasks in system				50
PEACTVUSRTR	BINARY	STAT	DFHXMGDS	XMGPAT	4	AVG	No	Peak number of active user transaction				114
PEKQUEDUSRTR	BINARY	STAT	DFHXMGDS	XMGPQT	4	AVG	No	Peak number of queued user transactions				115
PERFCLASS	CVDAS	INQ	MONITOR	PERFCLASS	4	LIKE	Yes	Performance class monitoring status				33
PERFCLASS Input/output valid values	PERF, NOPERF											
PLASTRESET	DECTIME	STAT			4	AVG	No	Last reset time				48
PLTPIUSR	CHAR	INQ	SYSTEM	PLTPIUSR	8	DIF	No	PLTPI user ID		E640 E650 E660 E670 E680 E690 E700 E710		194
PRGMRCMP	BINARY	STAT			4	AVG	No	Number of programs removed by compression				65
PRGMUCNT	BINARY	STAT	LDGGLOBAL	LDGPUSES	4	AVG	No	Number of program uses				58
PRGMWAIT	BINARY	STAT	LDGGLOBAL	LDGWLR	4	AVG	No	Number of waiting loader requests				59
PROGAUTOATTM	BINARY	STAT	DFHPPGDS	PPGATT	4	AVG	No	Number of program autoinstall attempts				120
PROGAUTOCTLG	CVDAS	INQ	SYSTEM	PROGAUTOCTLG	4	LIKE	Yes	Autoinstalled-program catalog type				105
PROGAUTOCTLG Input/output valid values	CTLGALL, CTLGMODIFY, CTLGNONE											
PROGAUTOEXIT	CHAR	INQ	SYSTEM	PROGAUTOEXIT	8	DIF	Yes	Autoinstall program exit name				104
PROGAUTOFAIL	BINARY	STAT	DFHPPGDS	PPGFAIL	4	AVG	No	Number of failed program autoinstall attempts				122
PROGAUTOINST	CVDAS	INQ	SYSTEM	PROGAUTOINST	4	LIKE	Yes	Status of autoinstall for programs				106
PROGAUTOINST Input/output valid values	AUTOACTIVE, AUTOINACTIVE											
PROGAUTOXREJ	BINARY	STAT	DFHPPGDS	PPGREJ	4	AVG	No	Number of times autoinstall prog request rejected				121

Table 75. CICS RGN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Invalid	Set Invalid	Attr ID
PRSSERRORCNT	BINARY	STAT	DFHA03DS	A03PSEC	4	AVG	No	Number of persistent sessions already unbound				97
PRSSINQCNT	BINARY	STAT	DFHA03DS	A03PSIC	4	AVG	No	Number of CICS persistent-session inquiries				93
PRSSNIBCNT	BINARY	STAT	DFHA03DS	A03PSNC	4	AVG	No	Number of VTAM sessions that persisted				94
PRSSOPNCNT	BINARY	STAT	DFHA03DS	A03PSOC	4	AVG	No	Number of persistent sessions successfully restored				95
PRSSUNBNCNT	BINARY	STAT	DFHA03DS	A03PSUC	4	AVG	No	Number of persistent sessions that were terminated				96
PRTYAGING	BINARY	INQ	SYSTEM	PRTYAGING	4	AVG	Yes	Priority aging value				18
PSDINTERVAL	DECTIME	INQ	VTAM	PSDINTERVAL	4	AVG	Yes	Persistent session delay interval				109
PSTYPE	CVDAS	INQ	VTAM	PSTYPE	4	LIKE	No	Persistent session type		E640 E650		180
PSTYPE Output valid values	SNPS, MNPS, NOPS											
RDEBRBLD	BINARY	STAT	LDGGLOBAL	LDGDREBS	4	AVG	No	Number of times LIBRARY reopened and load retried				64
REALSTG	BINARY	CPSM			4	AVG	No	Real storage in use				78
RECORDING	CVDAS	INQ	STATISTICS	RECORDING	4	LIKE	Yes	Interval statistics recording status				38
RECORDING Input/output valid values	ON, OFF											
REENTPROTECT	CVDAS	INQ	SYSTEM	REENTPROTECT	4	LIKE	No	Reentrant program protection status				140
REENTPROTECT Output valid values	REENTPROT, NOREENTPROT											
REGIONUSERID	CHAR	INQ	SYSTEM	REGIONUSERID	8	DIF	No	Region user ID		E640 E650 E660 E670 E680 E690 E700		189
RELEASE	CHAR	INQ	SYSTEM	RELEASE	4	DIF	No	CICS Release				19
RLSSTATUS	CVDAS	INQ	SYSTEM	RLSSTATUS	4	LIKE	No	Record level sharing (RLS) status				144
RLSSTATUS Output valid values	RLSACTIVE, RLSINACTIVE, NOTAPPLIC											

Table 75. CICS/SGN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Inval	Set Inval	Attr ID
RRMSSTAT	CVDAS	INQ			4	LIKE	No	Resource recovery management service (RRMS) status				151
RRMSSTAT Output valid values	OPEN, CLOSED, NOTAPPLIC											
RUNAWAY	BINARY	INQ	SYSTEM	RUNAWAY	4	AVG	Yes	Runaway time interval				20
SCANDELAY	BINARY	INQ	SYSTEM	SCANDELAY	4	AVG	Yes	Terminal scan delay time				21
SDMPSUPP	BINARY	STAT	DFHSDGDS	SYS_DUMPS_SUPPR	4	AVG	No	Number of system dumps suppressed				70
SDMPTOTL	BINARY	STAT	DFHSDGDS	SYS_DUMPS_TAKEN	4	AVG	No	Number of system dumps taken				69
SDTRAN	CHAR	INQ	SYSTEM	SDTRAN	4	DIFF	No	Shutdown transaction				146
SHUTSTATUS	CVDAS	INQ	SYSTEM	SHUTSTATUS	4	LIKE	No	Shutdown status				134
SHUTSTATUS Output valid values	CONTROLSHUT, SHUTDOWN, CANCELLED, NOTAPPLIC											
SINGLESTATUS	CVDAS	INQ	TRACEFLAG	SINGLESTAT	4	LIKE	Yes	Single task trace status				44
SINGLESTATUS Input/output valid values	SINGLEON, SINGLEOFF											
SIORREQ	BINARY	CPSM			8	AVG	No	Number of I/O requests				79
SOSABOVEBAR	CVDAS	INQ	SYSTEM	SOSABOVEBAR	4	LIKE	No	Short on storage status above the bar		E640		174
SOSABOVEBAR Output valid values	SOS, NOTSOS											
SOSABOVELINE	CVDAS	INQ	SYSTEM	SOSABOVELINE	4	LIKE	No	Short on storage status above the line		E640		175
SOSABOVELINE Output valid values	SOS, NOTSOS											
SOSBELOWLINE	CVDAS	INQ	SYSTEM	SOSBELOWLINE	4	LIKE	No	Short on storage status below the line		E640		176
SOSBELOWLINE Output valid values	SOS, NOTSOS											
SOSSTATUS	CVDAS	INQ	SYSTEM	SOSSTATUS	4	LIKE	No	Short on storage status below the bar				142
SOSSTATUS Output valid values	SOS, NOTSOS, SOSABOVE, SOSBELOW											
STARTUP	CVDAS	INQ	SYSTEM	STARTUP	4	LIKE	No	Startup type				10
STARTUP Output valid values	COLDSTART, WARMSTART, EMERGENCY, LOGTERM											
STARTUPDATE	DECDATE	INQ	SYSTEM	STARTUPDATE	4	AVG	No	Date on which CICS started				108
STGPROT	CVDAS	INQ	SYSTEM	STOREPROTECT	4	LIKE	No	Storage protection status				11
STGPROT Output valid values	ACTIVE, INACTIVE											
STRRTIME	DATETIME	CPSM	DFHSDGDS	DSGLSTRT	8	MAX	No	CICS start time				73

Table 75. CICS RGN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Inval	Set Inval	Attr ID
SUBSYSTEMID	CHAR	INQ	MONITOR	SUBSYSTEMID	4	DIF	No	Subsystem ID used on SYSEVENT class records		E650+		100
SUBTASKS	BINARY	INQ	DISPATCHER	SUBTASKS	4	AVG	No	Value set by the SUBTSKS system initialization parameter				166
SWITCHSTATUS	CVDAS	INQ	TRACEDEST	SWITCHSTATUS	4	LIKE	Yes	Auxiliary trace data set switch type				42
SWITCHSTATUS Input/output valid values	NOSWITCH, SWITCHNEXT, SWITCHALL											
SYNCPOINTST	CVDAS	INQ	MONITOR	SYNCPOINTS	4	LIKE	Yes	Performance record at syncpoint				101
SYNCPOINTST Input/output valid values	SYNCPOINT, NOSYNCPOINT											
SYSDUMP	CVDAS	INQ	SYSTEM	DUMPING	4	LIKE	Yes	System dump status				8
SYSDUMP Input/output valid values	SYSDUMP, NOSYSDUMP											
SYSID	CHAR	CPSM			4	DIF	No	CICS system ID				74
SYSTEMSTATUS	CVDAS	INQ	TRACEFLAG	SYSTEMSTATUS	4	LIKE	Yes	System trace status				45
SYSTEMSTATUS Input/output valid values	SYSTEMON, SYSTEMOFF											
TABLESIZE	BINARY	INQ	TRACEDEST	TABLESIZE	4	AVG	Yes	Internal trace table size	16-1048576			43
TCEXITSTATUS	CVDAS	INQ	TRACEFLAG	TCEXITSTATUS	4	LIKE	Yes	CICS VTAM exit trace status				46
TCEXITSTATUS Input/output valid values	TCEXITALL, TCEXITSYSTEM, TCEXITNONE											
TCEXITSTATUS Input valid values	TCEXITALLOFF											
TCEXITSTATUS Output valid values	NOTAPPLIC											
TCPIP	CVDAS	INQ	TCPIP	OPENSTATUS	4	LIKE	Yes	TCP/IP status				158
TCPIP Input/output valid values	OPEN, CLOSED											
TCPIP Input valid values	IMMCLOSE											
TCPIP Output valid values	CLOSING, IMMCLOSING, OPENING											
TDMPSUPP	BINARY	STAT	DFHTDGDS	TRANS_DUMP_SUPP	4	AVG	No	Number of transaction dumps suppressed				72
TDMPTOTL	BINARY	STAT	DFHTDGDS	TRANS_DUMP_TAKEN	4	AVG	No	Number of transaction dumps taken				71
TIMEOUTINT	BINARY	INQ			4	AVG	Yes	Web domain terminal timeout interval				160
TOTACTVUSRTR	BINARY	STAT	DFHXMGDS	XMGAT	4	AVG	No	Total number of active user transactions				116

Table 75. CICS RGN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Inval id	Set Inval id	Attr ID
TOTDELYUSRTR	BINARY	STAT	DFHXMGDS	XMGDTDT	4	AVG	No	Total number of queued user transactions				117
TOTLTASKS	BINARY	STAT			8	AVG	No	Total number of tasks				143
TOTQUETIME	INTTSTP	STAT	DFHXMGDS	XMGQTME	8	MAX	No	Total time queued transactions waited				118
TRANISOLATE	CVDAS	INQ	SYSTEM	TRANISOLATE	4	LIKE	No	Transaction isolation status				107
TRANISOLATE Output valid values	ACTIVE, INACTIVE											
USERSTATUS	CVDAS	INQ	TRACEFLAG	USERSTATUS	4	LIKE	Yes	User trace status				47
USERSTATUS Input/output valid values	USERON, USEROFF											
VTMACBDOPE	BINARY	STAT	DFHA03DS	A03DOC	2	AVG	No	Number of times VTAM ACB dynamically opened				84
VTMRPLMAX	DECIMAL	STAT	DFHA03DS	A03RPLXT	4	AVG	No	Number of times RPL maximum value was reached				81
VTMRPLPOST	DECIMAL	STAT	DFHA03DS	A03RPLX	2	AVG	No	Maximum number of VTAM RPLs posted				82
VTMSOSCNT	BINARY	STAT	DFHA03DS	A03VTSOS	2	AVG	No	Number of times VTAM had short-on-storage status				83
VTMSTATUS	CVDAS	INQ			4	LIKE	Yes	CICS-VTAM connection status				80
VTMSTATUS Input/output valid values	OPEN, CLOSED											
VTMSTATUS Input valid values	IMMCLOSE, FORCECLOSE											
VTMSTATUS Output valid values	CLOSING, IMMCLOSING, FORCECLOSING, NOTAPPLIC											
XCFGROUP	CHAR	INQ	IRC	XCFGROUP	8	LIKE	No	XCF group ID		E640		172
XMGATMXT	EYUDA	STAT			4	LIKE	No	Currently at MXT		E640 E650 E660 E670 E680		188
XMGATMXT Input/output valid values	YES, NO											
XMGLAMXT	DATETIME	STAT	DFHXMGDS	XMGLAMXT	8	LIKE	No	Time the MAXTASKS limit last reached		E640 E650 E660 E670 E680		187



Table 75. CICS RGN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Invalid	Set Invalid	Attr ID
XMGLSMXT	DATETIME	STAT	DFHXMGDS	XMGLSMXT	8	LIKE	No	Time MAXTASKS last changed		E640 E650 E660 E670 E680		185
XMGLTAT	DATETIME	STAT	DFHXMGDS	XMGLTAT	8	LIKE	No	Time last transaction attached		E640 E650 E660 E670 E680		186
XRFSTATUS	CVDAS	INQ	SYSTEM	XRFSTATUS	4	LIKE	No	Extended recovery facility (XRF) status				23
XRFSTATUS Output valid values	PRIMARY, TAKEOVER, NOTAPPLIC											



## Chapter 30. CICSSTOR Resource Table

A CICS Resource that describes all the CICS dynamic storage areas (DSAs) in an active system being managed by CICSplex SM.

The CICSSTOR resource class does not provide an explicit key attribute. The set of object instances returned is a function of the scope in effect when the request is made.

There are no object specific actions for this resource class.

### External resource name

CICSGlobalDynamicStorageArea

### Length

2672

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0135

Table 76. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A

Table 77. CICSSTOR resource table attributes										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		
CAVGTIMESOS	INTTSTP	CPSM			8	AVG	No	Average time spent short-on-storage (SOS) in CDSA		222
CNONIMMGET	BINARY	CPSM			8	AVG	No	Number of CDSA non-immediate GETMAIN requests		216
CRATECREL	RATE3	CPSM			8	AVG	No	CDSA cushion release rate		221
CRATEEXTSA	RATE3	CPSM			8	AVG	No	CDSA extent increase rate		224

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
CRATEEXTSR	RATE3	CPSM			8	AVG	No	CDSA extent release rate		225
CRATEFM	RATE3	CPSM			8	AVG	No	CDSA FREEMAIN request rate		215
CRATEGM	RATE3	CPSM			8	AVG	No	CDSA GETMAIN request rate		214
CRATESTORV	RATE3	CPSM			8	AVG	No	CDSA storage violation rate		223
ECAVGTIMESOS	INTTSTP	CPSM			8	AVG	No	Average time spent short-on-storage (SOS) in ECDSA		294
ECNONIMMGET	BINARY	CPSM			8	AVG	No	Number of ECDSA non-immediate GETMAIN requests		288
ECRATECREL	RATE3	CPSM			8	AVG	No	ECDSA cushion release rate		293
ECRATEEXTSA	RATE3	CPSM			8	AVG	No	ECDSA extent increase rate		296
ECRATEEXTSR	RATE3	CPSM			8	AVG	No	ECDSA extent release rate		297
ECRATEFM	RATE3	CPSM			8	AVG	No	ECDSA FREEMAIN request rate		287
ECRATEGM	RATE3	CPSM			8	AVG	No	ECDSA GETMAIN request rate		286
ECRATESTORV	RATE3	CPSM			8	AVG	No	ECDSA storage violation rate		295
ERAVGTIMESOS	INTTSTP	CPSM			8	AVG	No	Average time spent short-on-storage in ERDSA		348
ERNONIMMGET	BINARY	CPSM			8	AVG	No	Number of ERDSA non-immediate GETMAIN requests		342
ERRATECREL	RATE3	CPSM			8	AVG	No	ERDSA cushion release rate		347
ERRATEEXTSA	RATE3	CPSM			8	AVG	No	ERDSA extent increase rate		350
ERRATEEXTSR	RATE3	CPSM			8	AVG	No	ERDSA extent release rate		351
ERRATEFM	RATE3	CPSM			8	AVG	No	ERDSA FREEMAIN request rate		341
ERRATEGM	RATE3	CPSM			8	AVG	No	ERDSA GETMAIN request rate		340
ERRATESTORV	RATE3	CPSM			8	AVG	No	ERDSA storage violation rate		349
ESAVGTIMESOS	INTTSTP	CPSM			8	AVG	No	Average time spent short-on-storage in ESDSA		330
ESNONIMMGET	BINARY	CPSM			8	AVG	No	Number of ESDSA non-immediate GETMAIN requests		324
ESRATECREL	RATE3	CPSM			8	AVG	No	ESDSA cushion release rate		329
ESRATEEXTSA	RATE3	CPSM			8	AVG	No	ESDSA extent increase rate		332
ESRATEEXTSR	RATE3	CPSM			8	AVG	No	ESDSA extent release rate		333
ESRATEFM	RATE3	CPSM			8	AVG	No	ESDSA FREEMAIN request rate		323

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Set	Description	Get Invali d	Attr ID
ESRATEGM	RATE3	CPSM			8	AVG	No	ESDSA GETMAIN request rate		322
ESRATESTORV	RATE3	CPSM			8	AVG	No	ESDSA storage violation rate		331
ETAUGHTIMESOS	INTTSTP	CPSM			8	AVG	No	Average time spent short-on-storage in ETDSA	E640 E650 E660	458
ETNONIMMGET	BINARY	CPSM			8	AVG	No	Number of ETDSA non-immediate GETMAIN requests	E640 E650 E660	452
ETRATECREL	RATE3	CPSM			8	AVG	No	ETDSA cushion release rate	E640 E650 E660	457
ETRATEEXTSA	RATE3	CPSM			8	AVG	No	ETDSA extent increase rate	E640 E650 E660	460
ETRATEEXTSR	RATE3	CPSM			8	AVG	No	ETDSA extent release rate	E640 E650 E660	461
ETRATEFM	RATE3	CPSM			8	AVG	No	ETDSA FREEMAIN request rate	E640 E650 E660	451
ETRATEGM	RATE3	CPSM			8	AVG	No	ETDSA GETMAIN request rate	E640 E650 E660	450
ETRATESTORV	RATE3	CPSM			8	AVG	No	ETDSA storage violation rate	E640 E650 E660	459
EUAVGTIMESOS	INTTSTP	CPSM			8	AVG	No	Average time spent short-on-storage (SOS) in EUDSA		312
EUNONIMMGET	BINARY	CPSM			8	AVG	No	Number of EUDSA non-immediate GETMAIN requests		306
EURATECREL	RATE3	CPSM			8	AVG	No	EUDSA cushion release rate		311
EURATEEXTSA	RATE3	CPSM			8	AVG	No	EUDSA extent increase rate		314
EURATEEXTSR	RATE3	CPSM			8	AVG	No	EUDSA extent release rate		315
EURATEFM	RATE3	CPSM			8	AVG	No	EUDSA FREEMAIN request rate		305
EURATEGM	RATE3	CPSM			8	AVG	No	EUDSA GETMAIN request rate		304
EURATESTORV	RATE3	CPSM			8	AVG	No	EUDSA storage violation rate		313
GCAUGHTIMESOS	INTTSTP	CPSM			8	AVG	No	Average time spent short-on-storage (SOS) in GCDSA	E640	389
GCONONIMMGET	BINARY	CPSM			8	AVG	No	Number of GCDSA non-immediate GETMAIN requests	E640	386
GCRATEFM	RATE3	CPSM			8	AVG	No	GCDSA FREEMAIN request rate	E640	385
GCRATEGM	RATE3	CPSM			8	AVG	No	GCDSA GETMAIN request rate	E640	384
GCRATESTORV	RATE3	CPSM			8	AVG	No	GCDSA storage violation rate	E640	390

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
GSAVGTIMESOS	INTTSTP	CPSM			8	AVG	No	Average time spent short on storage (SOS) in GSDSA	E640 E650 E660 E670	519
GSNONIMMGET	BINARY	CPSM			8	AVG	No	Number of GSDSA non-immediate GETMAIN requests	E640 E650 E660 E670	516
GSRATEFM	RATE3	CPSM			8	AVG	No	GSDSA FREEMAIN request rate	E640 E650 E660 E670	515
GSRATEGM	RATE3	CPSM			8	AVG	No	GSDSA GETMAIN request rate	E640 E650 E660 E670	514
GSRATESTORV	RATE3	CPSM			8	AVG	No	GSDSA storage violation rate	E640 E650 E660 E670	520
GUAVGTIMESOS	INTTSTP	CPSM			8	AVG	No	Average time spent short on storage (SOS) in GUDSA	E640 E650 E660 E670	487
GUNONIMMGET	BINARY	CPSM			8	AVG	No	Number of GUDSA non-immediate GETMAIN requests	E640 E650 E660 E670	484
GURATEFM	RATE3	CPSM			8	AVG	No	GUDSA FREEMAIN request rate	E640 E650 E660 E670	483
GURATEGM	RATE3	CPSM			8	AVG	No	GUDSA GETMAIN request rate	E640 E650 E660 E670	482
GURATESTORV	RATE3	CPSM			8	AVG	No	GUDSA storage violation rate	E640 E650 E660 E670	488
LPCTCFREE	PERCENT3	CPSM			4	AVG	No	Lowest percentage of free storage in CDSA		212
LPCTECFREE	PERCENT3	CPSM			4	AVG	No	Lowest percentage of free storage in ECDSA		284
LPCTERFREE	PERCENT3	CPSM			4	AVG	No	Lowest percentage of free storage in ERDSA		338
LPCTESFREE	PERCENT3	CPSM			4	AVG	No	Lowest percentage of free storage in ESDSA		320
LPCTETFREE	PERCENT3	CPSM			4	AVG	No	Lowest percentage of free storage in ETDSA	E640 E650 E660	448
LPCTEUFREE	PERCENT3	CPSM			4	AVG	No	Lowest percentage of free storage in EUDSA		302
LPCTRFREE	PERCENT3	CPSM			4	AVG	No	Lowest percentage of free storage in RDSA		266
LPCTSFREE	PERCENT3	CPSM			4	AVG	No	Lowest percentage of free storage in SDSA		248
LPCTUFREE	PERCENT3	CPSM			4	AVG	No	Lowest percentage of free storage in UDSA		230

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
PCTCCSH	PERCENT3	CPSM			4	AVG	No	Percentage of cushion releases in CDSA		219
PCTCFREE	PERCENT3	CPSM			4	AVG	No	Percentage of free storage in CDSA		210
PCTCGMF	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN failures in CDSA		217
PCTCGMP	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN requests purged in CDSA		218
PCTECCSH	PERCENT3	CPSM			4	AVG	No	Percentage of cushion releases in ECDSA		291
PCTECFREE	PERCENT3	CPSM			4	AVG	No	Percentage of free storage in ECDSA		282
PCTECGMF	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN failures in ECDSA		289
PCTECGMP	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN requests purged in ECDSA		290
PCTERCSH	PERCENT3	CPSM			4	AVG	No	Percentage of cushion releases in ERDSA		345
PCTERFREE	PERCENT3	CPSM			4	AVG	No	Percentage of free storage in ERDSA		336
PCTERGMF	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN failures in ERDSA		343
PCTERGMP	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN requests purged in ERDSA		344
PCTESCSH	PERCENT3	CPSM			4	AVG	No	Percentage of cushion releases in ESDSA		327
PCTESFREE	PERCENT3	CPSM			4	AVG	No	Percentage of free storage in ESDSA		318
PCTESGMF	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN failures in ESDSA		325
PCTESGMP	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN requests purged in ESDSA		326
PCTETCSH	PERCENT3	CPSM			4	AVG	No	Percentage of cushion releases in ETDSA	E640 E650 E660	455
PCTETFREE	PERCENT3	CPSM			4	AVG	No	Percentage of free storage in ETDSA	E640 E650 E660	446
PCTETGMF	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN failures in ETDSA	E640 E650 E660	453
PCTETGMP	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN requests purged in ETDSA	E640 E650 E660	454
PCTEUCSH	PERCENT3	CPSM			4	AVG	No	Percentage of cushion releases in EUDSA		309
PCTEUFREE	PERCENT3	CPSM			4	AVG	No	Percentage of free storage in EUDSA		300
PCTEUGMF	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN failures in EUDSA		307
PCTEUGMP	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN requests purged in EUDSA		308

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
PCTGCGMF	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN failures in GCDSA	E640	387
PCTGCGMP	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN requests purged in GCDSA	E640	388
PCTGSGMF	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN failures in GSDSA	E640 E650 E660 E670	517
PCTGSGMP	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN requests purged in GSDSA	E640 E650 E660 E670	518
PCTGUGMF	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN failures in GUDSA	E640 E650 E660 E670	485
PCTGUGMP	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN requests purged in GUDSA	E640 E650 E660 E670	486
PCTLFACDSA	PERCENT3	CPSM			4	AVG	No	Largest percentage of free storage in CDSA		213
PCTLFAECDSA	PERCENT3	CPSM			4	AVG	No	Largest percentage of free storage in ECDSA		285
PCTLFAERDSA	PERCENT3	CPSM			4	AVG	No	Largest percentage of free storage in ERDSA		339
PCTLFAESDSA	PERCENT3	CPSM			4	AVG	No	Largest percentage of free storage in ESDSA		321
PCTLFAETDSA	PERCENT3	CPSM			4	AVG	No	Largest percentage of free storage in ETDSA	E640 E650 E660	449
PCTLFAEUDSA	PERCENT3	CPSM			4	AVG	No	Largest percentage of free storage in EUDSA		303
PCTLFARDSA	PERCENT3	CPSM			4	AVG	No	Largest percentage of free storage in RDSA		267
PCTLFASDSA	PERCENT3	CPSM			4	AVG	No	Largest percentage of free storage in SDSA		249
PCTLFAUDSA	PERCENT3	CPSM			4	AVG	No	Largest percentage of free storage in UDSA		231
PCTRCSH	PERCENT3	CPSM			4	AVG	No	Percentage of cushion releases in RDSA		273
PCTRFREE	PERCENT3	CPSM			4	AVG	No	Percentage of free storage in RDSA		264
PCTRGMF	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN failures in RDSA		271
PCTRGMP	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN requests purged in RDSA		272
PCTSCSH	PERCENT3	CPSM			4	AVG	No	Percentage of cushion releases in SDSA		255
PCTSFREE	PERCENT3	CPSM			4	AVG	No	Percentage of free storage in SDSA		246
PCTSGMF	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN failures in SDSA		253
PCTSGMP	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN requests purged in SDSA		254



Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
PCTSTGCDSA	PERCENT3	CPSM			4	AVG	No	Percentage of CDSA storage below 16MB		208
PCTSTGECDSA	PERCENT3	CPSM			4	AVG	No	Percentage of storage above 16MB in ECDSA		280
PCTSTGERDSA	PERCENT3	CPSM			4	AVG	No	Percentage of storage above 16MB in ERDSA		334
PCTSTGESDSA	PERCENT3	CPSM			4	AVG	No	Percentage of storage above 16MB in ESDSA		316
PCTSTGETDSA	PERCENT3	CPSM			4	AVG	No	Percentage of storage above 16MB in ETDSA	E640 E650 E660	444
PCTSTGEUDSA	PERCENT3	CPSM			4	AVG	No	Percentage of storage above 16MB in EUDSA		298
PCTSTGGCDSA	PERCENT3	CPSM			4	AVG	No	Percentage of storage above the bar in GCDSA	E640	382
PCTSTGGSDSA	PERCENT3	CPSM			4	AVG	No	Percentage of storage above the bar in GSDSA	E640 E650 E660 E670	512
PCTSTGGUDSA	PERCENT3	CPSM			4	AVG	No	Percentage of storage above the bar in GUDSA	E640 E650 E660 E670	480
PCTSTGRDSA	PERCENT3	CPSM			4	AVG	No	Percentage of storage below 16MB in RDSA		262
PCTSTGSDSA	PERCENT3	CPSM			4	AVG	No	Percentage of storage below 16MB in SDSA		244
PCTSTGUDSA	PERCENT3	CPSM			4	AVG	No	Percentage of storage below 16MB in UDSA		226
PCTUCSH	PERCENT3	CPSM			4	AVG	No	Percentage of cushion releases in UDSA		237
PCTUFREE	PERCENT3	CPSM			4	AVG	No	Percentage of free storage in UDSA		228
PCTUGMF	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN failures in UDSA		235
PCTUGMP	PERCENT3	CPSM			4	AVG	No	Percentage of GETMAIN requests purged in UDSA		236
PPCTCFREE	PERCENT3	CPSM			4	AVG	No	Peak percentage of free storage in CDSA		211
PPCTECFREE	PERCENT3	CPSM			4	AVG	No	Peak percent of free storage in ECDSA		283
PPCTERFREE	PERCENT3	CPSM			4	AVG	No	Peak percentage of free storage in ERDSA		337
PPCTESFREE	PERCENT3	CPSM			4	AVG	No	Peak percentage of free storage in ESDSA		319
PPCTETFREE	PERCENT3	CPSM			4	AVG	No	Peak percentage of free storage in ETDSA	E640 E650 E660	447
PPCTEUFREE	PERCENT3	CPSM			4	AVG	No	Peak percentage of free storage in EUDSA		301
PPCTRFREE	PERCENT3	CPSM			4	AVG	No	Peak percentage of free storage in RDSA		265
PPCTSFREE	PERCENT3	CPSM			4	AVG	No	Peak percentage of free storage in SDSA		247

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
PPCTSTGCDSA	PERCENT3	CPSM			4	AVG	No	Peak percentage in CDSA of peak storage below 16MB		209
PPCTSTGECDSA	PERCENT3	CPSM			4	AVG	No	Peak percent in ECDSA of peak storage above 16MB		281
PPCTSTGERDSA	PERCENT3	CPSM			4	AVG	No	Peak percent in ERDSA of peak storage above 16MB		335
PPCTSTGESDSA	PERCENT3	CPSM			4	AVG	No	Peak percent in ESDSA of peak storage above 16MB		317
PPCTSTGETDSA	PERCENT3	CPSM			4	AVG	No	Peak percent in ETDSA of peak storage above 16MB	E640 E650 E660	445
PPCTSTGEUDSA	PERCENT3	CPSM			4	AVG	No	Peak percent in EUDSA of peak storage above 16MB		299
PPCTSTGGCDSA	PERCENT3	CPSM			4	AVG	No	Peak percentage in GCDSA of storage above the bar	E640	383
PPCTSTGGSDSA	PERCENT3	CPSM			4	AVG	No	Peak percentage in GSDSA of storage above the bar	E640 E650 E660 E670	513
PPCTSTGGUDSA	PERCENT3	CPSM			4	AVG	No	Peak percentage in GUDSA of storage above the bar	E640 E650 E660 E670	481
PPCTSTGRDSA	PERCENT3	CPSM			4	AVG	No	Peak percentage in RDSA of peak storage below 16MB		263
PPCTSTGSDSA	PERCENT3	CPSM			4	AVG	No	Peak percentage in SDSA of peak storage below 16MB		245
PPCTSTGUDSA	PERCENT3	CPSM			4	AVG	No	Peak percentage in UDSA of peak storage below 16MB		227
PPCTUFREE	PERCENT3	CPSM			4	AVG	No	Peak percentage of free storage in UDSA		229
RAVGTIMESOS	INTTSTP	CPSM			8	AVG	No	Average time spent short-on-storage (SOS) in RDSA		276
RNONIMMGET	BINARY	CPSM			8	AVG	No	Number of RDSA non-immediate GETMAIN requests		270
RRATECREL	RATE3	CPSM			8	AVG	No	RDSA cushion release rate		275
RRATEEXTSA	RATE3	CPSM			8	AVG	No	RDSA extent increase rate		278
RRATEEXTSR	RATE3	CPSM			8	AVG	No	RDSA extent release rate		279
RRATEFM	RATE3	CPSM			8	AVG	No	RDSA FREEMAIN request rate		269
RRATEGM	RATE3	CPSM			8	AVG	No	RDSA GETMAIN request rate		268
RRATESTORV	RATE3	CPSM			8	AVG	No	RDSA storage violation rate		277
SAVGTIMESOS	INTTSTP	CPSM			8	AVG	No	Average time spent short-on-storage (SOS) in SDSA		258
SMSASACTIVE	BINARY	STAT	SMSGLOBAL	SMSASACTIVE	8	AVG	No	Current address space storage that is addressable	E640	361

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSATBCUSHLI	BINARY	STAT	SMSGLOBAL	SMSATBCUSHLIMIT	8	AVG	No	Cushion limit	E640	366
SMSATBCUSHRE	BINARY	STAT	SMSGLOBAL	SMSATBCUSHERLS	8	AVG	No	Number of GCDSA cushion releases	E640	365
SMSCASR	BINARY	STAT	R64BODY	R64ASR	4	AVG	No	Number of CDSA ADD_SUBPOOL requests		29
SMSCCREL	BINARY	STAT	R64BODY	R64CREL	4	AVG	No	Number of CDSA cushion releases		35
SMSCCRISS	BINARY	STAT	R64BODY	R64CRISS	4	AVG	No	Number of CDSA requests failing with no storage		31
SMSCCSIZE	BINARY	STAT	R64BODY	R64CSIZE	4	AVG	No	Current CDSA cushion size		26
SMSCCSUBP	BINARY	STAT	R64BODY	R64CSUBP	4	AVG	No	Current number of CDSA subpools		38
SMSCDSASZ	BINARY	STAT	R64BODY	R64DSASZ	4	AVG	No	Current size of CDSA		24
SMSCDSR	BINARY	STAT	R64BODY	R64DSR	4	AVG	No	Number of CDSA DELETE_SUBPOOL requests		30
SMSCEXTS	BINARY	STAT	R64BODY	R64EXTS	4	AVG	No	Number of extents in the CDSA		44
SMSCEXTSA	BINARY	STAT	R64BODY	R64EXTSA	4	AVG	No	Number of CDSA extents added		45
SMSCEXTSR	BINARY	STAT	R64BODY	R64EXTSR	4	AVG	No	Number of CDSA extents released		46
SMSCFMREQ	BINARY	STAT	R64BODY	R64FMREQ	4	AVG	No	Number of CDSA FREEMAIN requests		28
SMSCFSTG	BINARY	STAT	R64BODY	R64FSTG	4	AVG	No	Size of CDSA free storage including cushion		39
SMSCGMREQ	BINARY	STAT	R64BODY	R64GMREQ	4	AVG	No	Number of CDSA GETMAIN requests		27
SMSCHWMFSTG	BINARY	STAT	R64BODY	R64HWMFSTG	4	AVG	No	Peak free storage level in the CDSA		40
SMSCHWMSS	BINARY	STAT	R64BODY	R64HWMSS	4	AVG	No	Peak number of CDSA requests suspended		33
SMSCLFA	BINARY	STAT	R64BODY	R64LFA	4	AVG	No	Largest free area in the CDSA		42
SMSCLWMFSTG	BINARY	STAT	R64BODY	R64LWMFSTG	4	AVG	No	Lowest free storage level in the CDSA		41
SMSCPWWS	BINARY	STAT	R64BODY	R64PWWS	4	AVG	No	Number of CDSA requests purged		34
SMSCSOS	BINARY	STAT	R64BODY	R64SOS	4	AVG	No	Number of times short-on-storage occurred in CDSA		37
SMSCSSCUM	BINARY	STAT	R64GLOBAL	R64CSSCUM	4	AVG	No	Total number of common subspace users		14
SMSCSSCUR	BINARY	STAT	R64GLOBAL	R64CSSCUR	4	AVG	No	Current number of common subspace users		13
SMSCSSHWM	BINARY	STAT	R64GLOBAL	R64CSSHWM	4	AVG	No	Peak number of common subspace users		15
SMSCSV	BINARY	STAT	R64BODY	R64SV	4	AVG	No	Number of storage violations in the CDSA		43
SMSCTSOS	INTTSTP	STAT	R64BODY	R64TSOS	8	AVG	No	Total time spent short-on-storage in the CDSA		36

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSCUCSS	BINARY	STAT	R64BODY	R64UCSS	4	AVG	No	Number of CDSA requests suspended		32
SMSDSALIMIT	BINARY	STAT	R64GLOBAL	R64DSALIMIT	4	AVG	Yes	Current DSA limit		16
SMSDSATOTAL	BINARY	STAT	R64GLOBAL	R64DSATOTAL	4	AVG	No	Total storage currently allocated to DSAs		18
SMSECASR	BINARY	STAT	R64BODY	R64ASR	4	AVG	No	Number of ECDSA ADD_SUBPOOL requests		121
SMSECCREL	BINARY	STAT	R64BODY	R64CREL	4	AVG	No	Number of ECDSA cushion releases		127
SMSECCRISS	BINARY	STAT	R64BODY	R64CRISS	4	AVG	No	Number of ECDSA requests failing with no storage		123
SMSECCSIZE	BINARY	STAT	R64BODY	R64CSIZE	4	AVG	No	Current ECDSA cushion size		118
SMSECCSUBP	BINARY	STAT	R64BODY	R64CSUBP	4	AVG	No	Current number of subpools in the ECDSA		130
SMSECDASZ	BINARY	STAT	R64BODY	R64DSASZ	4	AVG	No	Current size of ECDSA		116
SMSECDSR	BINARY	STAT	R64BODY	R64DSR	4	AVG	No	Number of ECDSA DELETE_SUBPOOL requests		122
SMSECEXTS	BINARY	STAT	R64BODY	R64EXTS	4	AVG	No	Number of ECDSA extents		136
SMSECEXTSA	BINARY	STAT	R64BODY	R64EXTSA	4	AVG	No	Number of ECDSA extents added		137
SMSECEXTSR	BINARY	STAT	R64BODY	R64EXTSR	4	AVG	No	Number of ECDSA extents released		138
SMSECFMREQ	BINARY	STAT	R64BODY	R64FMREQ	4	AVG	No	Number of ECDSA FREEMAIN requests		120
SMSECFSTG	BINARY	STAT	R64BODY	R64FSTG	4	AVG	No	Size of ECDSA free storage including cushion		131
SMSECGMREQ	BINARY	STAT	R64BODY	R64GMREQ	4	AVG	No	Number of ECDSA GETMAIN requests		119
SMSECHWMFSTG	BINARY	STAT	R64BODY	R64HWMFSTG	4	AVG	No	Peak ECDSA free storage level		132
SMSECHWMSS	BINARY	STAT	R64BODY	R64HWMSS	4	AVG	No	Peak number of ECDSA requests suspended		125
SMSECLFA	BINARY	STAT	R64BODY	R64LFA	4	AVG	No	Largest ECDSA free area		134
SMSECLWMFSTG	BINARY	STAT	R64BODY	R64LWMFSTG	4	AVG	No	Lowest ECDSA free storage level		133
SMSECPWWS	BINARY	STAT	R64BODY	R64PWWS	4	AVG	No	Number of ECDSA requests purged		126
SMSECSOS	BINARY	STAT	R64BODY	R64SOS	4	AVG	No	Number of times short-on-storage occurred in ECDSA		129
SMSECSV	BINARY	STAT	R64BODY	R64SV	4	AVG	No	Number of ECDSA storage violations		135
SMSECTSOS	INTTSTP	STAT	R64BODY	R64TSOS	8	AVG	No	Total time spent short-on-storage in the ECDSA		128
SMSECUCSS	BINARY	STAT	R64BODY	R64UCSS	4	AVG	No	Number of ECDSA requests suspended		124
SMSEDSALIMIT	BINARY	STAT	R64GLOBAL	R64EDSALIMIT	4	AVG	Yes	Current EDSA limit		17
SMSEDSATOTAL	BINARY	STAT	R64GLOBAL	R64EDSATOTAL	4	AVG	No	Total storage currently allocated to EDSAs		19

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSERASR	BINARY	STAT	R64BODY	R64ASR	4	AVG	No	Number of ERDSA ADD_SUBPOOL requests		190
SMSERCREL	BINARY	STAT	R64BODY	R64CREL	4	AVG	No	Number of ERDSA cushion releases		196
SMSERCRISS	BINARY	STAT	R64BODY	R64CRISS	4	AVG	No	Number of ERDSA requests failing with no storage		192
SMSERCSIZE	BINARY	STAT	R64BODY	R64CSIZE	4	AVG	No	Current ERDSA cushion size		187
SMSERCSUBP	BINARY	STAT	R64BODY	R64CSUBP	4	AVG	No	Current number of ERDSA subpools		199
SMSERDSASZ	BINARY	STAT	R64BODY	R64DSASZ	4	AVG	No	Current size of ERDSA		185
SMSERDSR	BINARY	STAT	R64BODY	R64DSR	4	AVG	No	Number of ERDSA DELETE_SUBPOOL requests		191
SMSEREXTS	BINARY	STAT	R64BODY	R64EXTS	4	AVG	No	Number of ERDSA extents		205
SMSEREXTSA	BINARY	STAT	R64BODY	R64EXTSA	4	AVG	No	Number of ERDSA extents added		206
SMSEREXTSR	BINARY	STAT	R64BODY	R64EXTSR	4	AVG	No	Number of ERDSA extents released		207
SMSERFMREQ	BINARY	STAT	R64BODY	R64FMREQ	4	AVG	No	Number of ERDSA FREEMAIN requests		189
SMSERFSTG	BINARY	STAT	R64BODY	R64FSTG	4	AVG	No	Size of ERDSA free storage including cushion		200
SMSERGMREQ	BINARY	STAT	R64BODY	R64GMREQ	4	AVG	No	Number of ERDSA GETMAIN requests		188
SMSERHWMFSTG	BINARY	STAT	R64BODY	R64HWMFSTG	4	AVG	No	Peak ERDSA free storage level		201
SMSERHWMSS	BINARY	STAT	R64BODY	R64HWMSS	4	AVG	No	Peak number of ERDSA requests suspended		194
SMSERLFA	BINARY	STAT	R64BODY	R64LFA	4	AVG	No	Largest ERDSA free area		203
SMSERLWMFSTG	BINARY	STAT	R64BODY	R64LWMFSTG	4	AVG	No	Lowest ERDSA free storage level		202
SMSERPWWS	BINARY	STAT	R64BODY	R64PWWS	4	AVG	No	Number of ERDSA requests purged		195
SMSERSOS	BINARY	STAT	R64BODY	R64SOS	4	AVG	No	Number of times short-on-storage occurred in ERDSA		198
SMSERSV	BINARY	STAT	R64BODY	R64SV	4	AVG	No	Number of ERDSA storage violations		204
SMSERTSOS	INTTSTP	STAT	R64BODY	R64TSOS	8	AVG	No	Total time spent short-on-storage (SOS) in ERDSA		197
SMSERUCSS	BINARY	STAT	R64BODY	R64UCSS	4	AVG	No	Number of ERDSA requests suspended		193
SMSESASR	BINARY	STAT	R64BODY	R64ASR	4	AVG	No	Number of ESDSA ADD_SUBPOOL requests		167
SMSESCREL	BINARY	STAT	R64BODY	R64CREL	4	AVG	No	Number of ESDSA cushion releases		173
SMSESCRISS	BINARY	STAT	R64BODY	R64CRISS	4	AVG	No	Number of ESDSA requests failing with no storage		169
SMSESCSIZE	BINARY	STAT	R64BODY	R64CSIZE	4	AVG	No	Current ESDSA cushion size		164

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSESCSUBP	BINARY	STAT	R64BODY	R64CSUBP	4	AVG	No	Current number of ESDSA subpools		176
SMSESDSASZ	BINARY	STAT	R64BODY	R64DSASZ	4	AVG	No	Current size of ESDSA		162
SMSESDSR	BINARY	STAT	R64BODY	R64DSR	4	AVG	No	Number of ESDSA DELETE_SUBPOOL requests		168
SMSESEXTS	BINARY	STAT	R64BODY	R64EXTS	4	AVG	No	Number of ESDSA extents		182
SMSESEXTSA	BINARY	STAT	R64BODY	R64EXTSA	4	AVG	No	Number of ESDSA extents added		183
SMSESEXTSR	BINARY	STAT	R64BODY	R64EXTSR	4	AVG	No	Number of ESDSA extents released		184
SMSEFMREQ	BINARY	STAT	R64BODY	R64FMREQ	4	AVG	No	Number of ESDSA FREEMAIN requests		166
SMSEFSTG	BINARY	STAT	R64BODY	R64FSTG	4	AVG	No	ESDSA free storage including cushion		177
SMSEGMREQ	BINARY	STAT	R64BODY	R64GMREQ	4	AVG	No	Number of ESDSA GETMAIN requests		165
SMSESHWMFSTG	BINARY	STAT	R64BODY	R64HWMFSTG	4	AVG	No	Peak ESDSA free storage level		178
SMSESHWMSS	BINARY	STAT	R64BODY	R64HWMSS	4	AVG	No	Peak number of ESDSA requests suspended		171
SMSESLFA	BINARY	STAT	R64BODY	R64LFA	4	AVG	No	Largest ESDSA free area		180
SMSESLWMFSTG	BINARY	STAT	R64BODY	R64LWMFSTG	4	AVG	No	Lowest ESDSA free storage level		179
SMSESPWWS	BINARY	STAT	R64BODY	R64PWWS	4	AVG	No	Number of ESDSA requests purged		172
SMSESSOS	BINARY	STAT	R64BODY	R64SOS	4	AVG	No	Number of times short-on-storage occurred in ESDSA		175
SMSESSV	BINARY	STAT	R64BODY	R64SV	4	AVG	No	Number of ESDSA storage violations		181
SMSESTSOS	INTTSTP	STAT	R64BODY	R64TSOS	8	AVG	No	Total time spent short-on-storage in the ESDSA		174
SMSEUCSS	BINARY	STAT	R64BODY	R64UCSS	4	AVG	No	Number of ESDSA requests suspended		170
SMSETASR	BINARY	STAT	SMSBODY	SMSASR	4	AVG	No	Number of ETDSA ADD_SUBPOOL requests	E640 E650 E660	425
SMSETCREL	BINARY	STAT	SMSBODY	SMSCREL	4	AVG	No	Number of ETDSA cushion releases	E640 E650 E660	431
SMSETCRISS	BINARY	STAT	SMSBODY	SMSCRISS	4	AVG	No	Number of ETDSA requests failing with no storage	E640 E650 E660	427
SMSETCSIZE	BINARY	STAT	SMSBODY	SMSCSIZE	4	AVG	No	Current ETDSA cushion size	E640 E650 E660	422
SMSETCSUBP	BINARY	STAT	SMSBODY	SMSCSUBP	4	AVG	No	Current number of ETDSA subpools	E640 E650 E660	434
SMSETDSASZ	BINARY	STAT	SMSBODY	SMSDSASZ	4	AVG	No	Current size of ETDSA	E640 E650 E660	420
SMSETDSR	BINARY	STAT	SMSBODY	SMSDSR	4	AVG	No	Number of ETDSA DELETE_SUBPOOL requests	E640 E650 E660	426

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSETEXTS	BINARY	STAT	SMSBODY	SMSEXTS	4	AVG	No	Number of ETDSA extents	E640 E650 E660	440
SMSETEXTSA	BINARY	STAT	SMSBODY	SMSEXTSA	4	AVG	No	Number of ETDSA extents added	E640 E650 E660	441
SMSETEXTSR	BINARY	STAT	SMSBODY	SMSEXTSR	4	AVG	No	Number of ETDSA extents released	E640 E650 E660	443
SMSETFMREQ	BINARY	STAT	SMSBODY	SMSFMREQ	4	AVG	No	Number of ETDSA FREEMAIN requests	E640 E650 E660	424
SMSETFSTG	BINARY	STAT	SMSBODY	SMSFSTG	4	AVG	No	Size of ETDSA free storage including cushion	E640 E650 E660	435
SMSETGMREQ	BINARY	STAT	SMSBODY	SMSGMREQ	4	AVG	No	Number of ETDSA GETMAIN requests	E640 E650 E660	423
SMSETHWMFSTG	BINARY	STAT	SMSBODY	SMSHWMFSTG	4	AVG	No	Peak ETDSA free storage level	E640 E650 E660	436
SMSETHWMSS	BINARY	STAT	SMSBODY	SMSHWMSS	4	AVG	No	Peak number of ETDSA requests suspended	E640 E650 E660	429
SMSETLFA	BINARY	STAT	SMSBODY	SMSLFA	4	AVG	No	Largest ETDSA free area	E640 E650 E660	438
SMSETLWMFSTG	BINARY	STAT	SMSBODY	SMSLWMFSTG	4	AVG	No	Lowest ETDSA free storage level	E640 E650 E660	437
SMSETPWWS	BINARY	STAT	SMSBODY	SMSPWWS	4	AVG	No	Number of ETDSA requests purged	E640 E650 E660	430
SMSETSOS	BINARY	STAT	SMSBODY	SMSSES	4	AVG	No	Number of times short-on-storage occurred in ETDSA	E640 E650 E660	432
SMSETSV	BINARY	STAT	SMSBODY	SMSSES	4	AVG	No	Number of ETDSA storage violations	E640 E650 E660	439
SMSETTSOS	INTTSTP	STAT	SMSBODY	SMSTSES	8	AVG	No	Total time spent short-on-storage (SOS) in ETDSA	E640 E650 E660	433
SMSETUCSS	BINARY	STAT	SMSBODY	SMSUCSS	4	AVG	No	Number of ETDSA requests suspended	E640 E650 E660	428
SMSEUASR	BINARY	STAT	R64BODY	R64ASR	4	AVG	No	Number of EUDSA ADD_SUBPOOL requests		144
SMSEUCREL	BINARY	STAT	R64BODY	R64CREL	4	AVG	No	Number of EUDSA cushion releases		150
SMSEUCRISS	BINARY	STAT	R64BODY	R64CRISS	4	AVG	No	Number of EUDSA requests failing with no storage		146
SMSEUCSIZE	BINARY	STAT	R64BODY	R64CSIZE	4	AVG	No	Current EUDSA cushion size		141
SMSEUCSUBP	BINARY	STAT	R64BODY	R64CSUBP	4	AVG	No	Current number of EUDSA subpools		153
SMSEUDSASZ	BINARY	STAT	R64BODY	R64DSASZ	4	AVG	No	Current size of EUDSA		139

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSEUDSR	BINARY	STAT	R64BODY	R64DSR	4	AVG	No	Number of EUDSA DELETE_SUBPOOL requests		145
SMSEUEXTS	BINARY	STAT	R64BODY	R64EXTS	4	AVG	No	Number of EUDSA extents		159
SMSEUEXTSA	BINARY	STAT	R64BODY	R64EXTSA	4	AVG	No	Number of EUDSA extents added		160
SMSEUEXTSR	BINARY	STAT	R64BODY	R64EXTSR	4	AVG	No	Number of EUDSA extents released		161
SMSEUFMREQ	BINARY	STAT	R64BODY	R64FMREQ	4	AVG	No	Number of EUDSA FREEMAIN requests		143
SMSEUFSTG	BINARY	STAT	R64BODY	R64FSTG	4	AVG	No	Size of EUDSA free storage including cushion		154
SMSEUGMREQ	BINARY	STAT	R64BODY	R64GMREQ	4	AVG	No	Number of EUDSA GETMAIN requests		142
SMSEUHMWFSTG	BINARY	STAT	R64BODY	R64HWMFSTG	4	AVG	No	Peak EUDSA free storage level		155
SMSEUHMWSS	BINARY	STAT	R64BODY	R64HWMSS	4	AVG	No	Peak number of EUDSA requests suspended		148
SMSEULFA	BINARY	STAT	R64BODY	R64LFA	4	AVG	No	Largest EUDSA free area		157
SMSEULWMFSTG	BINARY	STAT	R64BODY	R64LWMFSTG	4	AVG	No	Lowest EUDSA free storage level		156
SMSEUPWWS	BINARY	STAT	R64BODY	R64PWWS	4	AVG	No	Number of EUDSA requests purged		149
SMSEUSOS	BINARY	STAT	R64BODY	R64SOS	4	AVG	No	Number of times short-on-storage occurred in EUDSA		152
SMSEUSV	BINARY	STAT	R64BODY	R64SV	4	AVG	No	Number of EUDSA storage violations		158
SMSEUTSOS	INTTSTP	STAT	R64BODY	R64TSOS	8	AVG	No	Total time spent short-on-storage in the EUDSA		151
SMSEUUCSS	BINARY	STAT	R64BODY	R64UCSS	4	AVG	No	Number of EUDSA requests suspended		147
SMSFRMGFLSZ	BINARY	STAT	SMSGLOBAL	SMSFROMGUARDFAILSIZ	8	LIKE	No	The largest failing IARV64 CONVERT(FROMGUARD) request	E640 E650 E660	405
SMSFRMGRDFL	BINARY	STAT	SMSGLOBAL	SMSFROMGUARDFAIL	8	LIKE	No	Number of IARV64 CONVERT(FROMGUARD) failures	E640 E650 E660	404
SMSGCASR	BINARY	STAT	SMSBODY	SMSASR	4	AVG	No	Number of GCDSA ADD_SUBPOOL requests	E640	371
SMSGCCREL	BINARY	STAT	SMSBODY	SMSCREL	8	LIKE	No	Number of cushion releases	E640 E650 E660	413
SMSGCCRISS	BINARY	STAT	SMSBODY	SMSCRISS	4	AVG	No	Number of GCDSA requests failing with no storage	E640	373
SMSGCCSIZE	BINARY	STAT	SMSBODY	SMSCSIZE	8	LIKE	No	Current GCDSA cushion size	E640 E650 E660	412
SMSGCCSS	BINARY	STAT	SMSBODY	SMSCSS	4	AVG	No	Current requests suspended for GCDSA storage	E640	375
SMSGCCSUBP	BINARY	STAT	SMSBODY	SMSCSUBP	4	AVG	No	Current number of subpools in GCDSA	E640	380



Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSGCDSASZ	BINARY	STAT	SMSBODY	SMSDSASZ	8	AVG	No	Current size of GCDSA	E640	367
SMSGCDSR	BINARY	STAT	SMSBODY	SMSDSR	4	AVG	No	Number of GCDSA DELETE_SUBPOOL requests	E640	372
SMSGCFMREQ	BINARY	STAT	SMSBODY	SMSFMREQ	4	AVG	No	Number of GCDSA FREEMAIN requests	E640	370
SMSGCFSTG	BINARY	STAT	SMSBODY	SMSFSTG	8	LIKE	No	GCDSA Free storage	E640 E650 E660	414
SMSGCGMREQ	BINARY	STAT	SMSBODY	SMSGMREQ	4	AVG	No	Number of GCDSA GETMAIN requests	E640	369
SMSGCHWMSS	BINARY	STAT	SMSBODY	SMSHWMSS	4	AVG	No	Peak number of GCDSA requests suspended	E640	376
SMSGCLFA	BINARY	STAT	SMSBODY	SMSLFA	8	LIKE	No	Largest free area in GCDSA	E640 E650 E660	417
SMSGCPWWS	BINARY	STAT	SMSBODY	SMSPWWS	4	AVG	No	Number of GCDSA requests purged	E640	377
SMSGCSOS	BINARY	STAT	SMSBODY	SMSOS	4	AVG	No	Number of times short-on-storage occurred in GCDSA	E640	378
SMSGCSV	BINARY	STAT	SMSBODY	SMSV	4	AVG	No	Number of GCDSA storage violations	E640	381
SMSGCTSOS	INTTSTP	STAT	SMSBODY	SMSTSOS	8	AVG	No	Total time spent short-on-storage in the GCDSA	E640	379
SMSGCUCSS	BINARY	STAT	SMSBODY	SMSUCSS	4	AVG	No	Number of GCDSA requests suspended	E640	374
SMSGDSAActiv	BINARY	STAT	SMSGLOBAL	SMSGDSAActive	8	AVG	No	The current GDSA active	E640	363
SMSGDAALOC	BINARY	STAT	SMSGLOBAL	SMSGDAALOC	8	LIKE	No	Current GDSA allocated	E640 E650 E660	406
SMSGDSALIMIT	CNUMERIC	STAT	SMSGLOBAL	SMSMEMLIMIT	8	AVG	No	Current GDSA limit	E640 E650 E660	442
SMSGDSATOTAL	BINARY	STAT	SMSGLOBAL	SMSGDSAActive	8	AVG	No	Total storage currently allocated to GDSAs	E640 E650 E660	418
SMSGGETSTORSZ	BINARY	STAT	SMSGLOBAL	SMSGGETSTORSIZE	8	AVG	No	The GETSTOR request size	E640	360
SMSGASR	BINARY	STAT	SMSBODY	SMSASR	4	AVG	No	Number of GSDSA ADD_SUBPOOL requests	E640 E650 E660 E670	501
SMSGSCREL	BINARY	STAT	SMSBODY	SMSGSCREL	8	LIKE	No	Number of GSDSA cushion releases	E640 E650 E660 E670	522
SMSGSCRISS	BINARY	STAT	SMSBODY	SMSGSCRISS	4	AVG	No	Number of GSDSA requests failing with no storage	E640 E650 E660 E670	503
SMSGSCSIZE	BINARY	STAT	SMSBODY	SMSGSCSIZE	8	LIKE	No	Current GSDSA cushion size	E640 E650 E660 E670	521

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSGSCSS	BINARY	STAT	SMSBODY	SMSCSS	4	AVG	No	Current requests suspended for GSDSA storage	E640 E650 E660 E670	505
SMSGSCSUBP	BINARY	STAT	SMSBODY	SMSCSUBP	4	AVG	No	Current number of subpools in GSDSA	E640 E650 E660 E670	510
SMSGSDSASZ	BINARY	STAT	SMSBODY	SMSDSASZ	8	AVG	No	Current size of GSDSA	E640 E650 E660 E670	497
SMSGSDSR	BINARY	STAT	SMSBODY	SMSDSR	4	AVG	No	Number of GSDSA DELETE_SUBPOOL requests	E640 E650 E660 E670	502
SMSGFMREQ	BINARY	STAT	SMSBODY	SMSFMREQ	4	AVG	No	Number of GSDSA FREEMAIN requests	E640 E650 E660 E670	500
SMSGFSTG	BINARY	STAT	SMSBODY	SMSFSTG	8	LIKE	No	GSDSA Free storage	E640 E650 E660 E670	523
SMSGGMREQ	BINARY	STAT	SMSBODY	SMSGMREQ	4	AVG	No	Number of GSDSA GETMAIN requests	E640 E650 E660 E670	499
SMSGSHWMSS	BINARY	STAT	SMSBODY	SMSHWMSS	4	AVG	No	Peak number of GSDSA requests suspended	E640 E650 E660 E670	506
SMSGSLFA	BINARY	STAT	SMSBODY	SMSLFA	8	LIKE	No	Largest free area in GSDSA	E640 E650 E660 E670	526
SMSGSPWWS	BINARY	STAT	SMSBODY	SMSGPWWS	4	AVG	No	Number of GSDSA requests purged	E640 E650 E660 E670	507
SMSGSSOS	BINARY	STAT	SMSBODY	SMSGSSOS	4	AVG	No	Number of times short on storage occurred in GSDSA	E640 E650 E660 E670	508
SMSGSSV	BINARY	STAT	SMSBODY	SMSGSSV	4	AVG	No	Number of GSDSA storage violations	E640 E650 E660 E670	511
SMSGSTSOS	INTTSTP	STAT	SMSBODY	SMSGSTSOS	8	AVG	No	Total time spent short on storage in the GSDSA	E640 E650 E660 E670	509
SMSGUCSS	BINARY	STAT	SMSBODY	SMSGUCSS	4	AVG	No	Number of GSDSA requests suspended	E640 E650 E660 E670	504
SMSGUASR	BINARY	STAT	SMSBODY	SMSGUASR	4	AVG	No	Number of GSDSA ADD_SUBPOOL requests	E640 E650 E660 E670	468

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSGUCREL	BINARY	STAT	SMSBODY	SMSCREL	8	LIKE	No	Number of GUDSA cushion releases	E640 E650 E660 E670	490
SMSGUCRISS	BINARY	STAT	SMSBODY	SMSCRISS	4	AVG	No	Number of GUDSA requests failing with no storage	E640 E650 E660 E670	470
SMSGUCSIZE	BINARY	STAT	SMSBODY	SMSCSIZE	8	LIKE	No	Current GUDSA cushion size	E640 E650 E660 E670	489
SMSGUCSS	BINARY	STAT	SMSBODY	SMSCSS	4	AVG	No	Current requests suspended for GUDSA storage	E640 E650 E660 E670	472
SMSGUCSUBP	BINARY	STAT	SMSBODY	SMSCSUBP	4	AVG	No	Current number of subpools in GUDSA	E640 E650 E660 E670	478
SMSGUDSASZ	BINARY	STAT	SMSBODY	SMSDSASZ	8	AVG	No	Current size of GUDSA	E640 E650 E660 E670	464
SMSGUDSR	BINARY	STAT	SMSBODY	SMSDSR	4	AVG	No	Number of GUDSA DELETE_SUBPOOL requests	E640 E650 E660 E670	469
SMSGUFMREQ	BINARY	STAT	SMSBODY	SMSFMREQ	4	AVG	No	Number of GUDSA FREEMAIN requests	E640 E650 E660 E670	467
SMSGUFSTG	BINARY	STAT	SMSBODY	SMSFSTG	8	LIKE	No	GUDSA Free storage	E640 E650 E660 E670	491
SMSGUGMREQ	BINARY	STAT	SMSBODY	SMSGMREQ	4	AVG	No	Number of GUDSA GETMAIN requests	E640 E650 E660 E670	466
SMSGUHMSS	BINARY	STAT	SMSBODY	SMSHMSS	4	AVG	No	Peak number of GUDSA requests suspended	E640 E650 E660 E670	473
SMSGULFA	BINARY	STAT	SMSBODY	SMSLFA	8	LIKE	No	Largest free area in GUDSA	E640 E650 E660 E670	494
SMSGUPWWS	BINARY	STAT	SMSBODY	SMSPWWS	4	AVG	No	Number of GUDSA requests purged	E640 E650 E660 E670	474
SMSGUSOS	BINARY	STAT	SMSBODY	SMSOSS	4	AVG	No	Number of times short on storage occurred in GUDSA	E640 E650 E660 E670	475
SMSGUSV	BINARY	STAT	SMSBODY	SMSV	4	AVG	No	Number of GUDSA storage violations	E640 E650 E660 E670	479

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSGUTSOS	INTTSTP	STAT	SMSBODY	SMSTSOS	8	AVG	No	Total time spent short on storage in the GUDSA	E640 E650 E660 E670	477
SMSGUUCSS	BINARY	STAT	SMSBODY	SMSUCSS	4	AVG	No	Number of GUDSA requests suspended	E640 E650 E660 E670	471
SMSGDASAALC	BINARY	STAT	SMSGLOBAL	SMSHWMGDSA ALLOC	8	LIKE	No	Peak GDSA allocated	E640 E650 E660	407
SMSHPGSNREAL	BINARY	STAT	SMSGLOBAL	SMSHVGPAGESI NREAL	8	LIKE	No	Peak number of real storage frames to back 64-bit private memory	E640 E650 E660	409
SMSHVAXSLTS	BINARY	STAT	SMSGLOBAL	SMSHVAUXSLO TS	8	LIKE	No	Number of aux slots used to back 64-bit private storage	E640 E650 E660	399
SMSHVGAXSTS	BINARY	STAT	SMSGLOBAL	SMSHVGAXSL OTS	8	LIKE	No	Peak number of aux slots used to back 64-bit private storage	E640 E650 E660	400
SMSHWMASACT	BINARY	STAT	SMSGLOBAL	SMSHWMASAC TIVE	8	AVG	No	Peak address space that can be addressed	E640	362
SMSHWMCDASA	BINARY	STAT	R64BODY	R64HWMDSASZ	4	AVG	No	Peak size of CDSA		25
SMSHWMDSATOT	BINARY	STAT	R64GLOBAL	R64HWMDSATO TAL	4	AVG	No	Peak amount of storage allocated to DSAs		20
SMSHWMCDASA	BINARY	STAT	R64BODY	R64HWMDSASZ	4	AVG	No	Peak size of ECDSA		117
SMSHWMDSATO	BINARY	STAT	R64GLOBAL	R64HWMDSAT OTAL	4	AVG	No	Peak amount of storage allocated to EDSAs		21
SMSHWMERDSA	BINARY	STAT	R64BODY	R64HWMDSASZ	4	AVG	No	Peak size of ERDSA		186
SMSHWMESDSA	BINARY	STAT	R64BODY	R64HWMDSASZ	4	AVG	No	Peak size of ESDSA		163
SMSHWMETDSA	BINARY	STAT	SMSBODY	SMSHWMDSAS Z	4	AVG	No	Peak size of ETDSA	E640 E650 E660	421
SMSHWMUDSA	BINARY	STAT	R64BODY	R64HWMDSASZ	4	AVG	No	Peak size of EUDSA		140
SMSHWMGCDSA	BINARY	STAT	SMSBODY	SMSHWMDSAS Z	8	AVG	No	Peak size of GCDSA	E640	368
SMSHWMGCFSTG	BINARY	STAT	SMSBODY	SMSHWMFSTG	8	LIKE	No	Peak amount of GCDSA free storage (inc cushion)	E640 E650 E660	415
SMSHWMGDSAAC	BINARY	STAT	SMSGLOBAL	SMSHWMGDSA ACTIVE	8	AVG	No	The peak amount of storage available for use above the bar	E640	364
SMSHWMGDSATO	BINARY	STAT	SMSGLOBAL	SMSHWMGDSA ALLOC	8	AVG	No	Peak amount of storage allocated to GDSAs	E640 E650 E660	419
SMSHWMGSDASA	BINARY	STAT	SMSBODY	SMSHWMDSAS Z	8	AVG	No	Peak size of GSDSA	E640 E650 E660 E670	498
SMSHWMGFSSTG	BINARY	STAT			8	LIKE	No	Peak amount of GSDSA free storage (inc cushion)	E640 E650 E660 E670	524
SMSHWMGUDASA	BINARY	STAT	SMSBODY	SMSHWMDSAS Z	8	AVG	No	Peak size of GUDSA	E640 E650 E660 E670	465

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSHWMGUFSTG	BINARY	STAT			8	LIKE	No	Peak amount of GUDSA free storage (inc cushion)	E640 E650 E660 E670	492
SMSHWMRDSA	BINARY	STAT	R64BODY	R64HWMSASZ	4	AVG	No	Peak size of RDSA		94
SMSHWMSDSA	BINARY	STAT	R64BODY	R64HWMSASZ	4	AVG	No	Peak size of SDSA		71
SMSHWMUDSA	BINARY	STAT	R64BODY	R64HWMSASZ	4	AVG	No	Peak size of UDSA		48
SMSLRGMEMOBJ	BINARY	STAT	SMSGLOBAL	SMSLARGEMEM OBJ	8	LIKE	No	Number of Large Memory Objects allocated	E640 E650 E660	410
SMSLRGPGBNRL	BINARY	STAT	SMSGLOBAL	SMSLARGEPAG ESINREAL	8	LIKE	No	Number of Large Pages owned by this address space	E640 E650 E660	411
SMSLVABYTES	BINARY	STAT	SMSGLOBAL	SMSLVABYTES	8	LIKE	No	Number of bytes allocated from large virtual memory	E640 E650 E660	395
SMSLVGBYTES	BINARY	STAT	SMSGLOBAL	SMSLVGBYTES	8	LIKE	No	Peak number of usable bytes within large virtual memory objects	E640 E650 E660	397
SMSLVHBYTES	BINARY	STAT	SMSGLOBAL	SMSLVHBYTES	8	LIKE	No	Number of bytes hidden with large virtual memory objects	E640 E650 E660	396
SMSLVNMOMBS	BINARY	STAT	SMSGLOBAL	SMSLVNMEMOBJ	8	LIKE	No	Number of private memory objects allocated	E640 E650 E660	398
SMSLVSHRBTS	BINARY	STAT	SMSGLOBAL	SMSLVSHRBYTES	8	LIKE	No	Number of shared bytes allocated from high virtual memory	E640 E650 E660	401
SMSLVSHRGBS	BINARY	STAT	SMSGLOBAL	SMSLVSHRBYTES	8	LIKE	No	Peak number of shared bytes within large virtual memory objects	E640 E650 E660	402
SMSLVSHRNMO	BINARY	STAT	SMSGLOBAL	SMSLVSHRNMEMOBJ	8	LIKE	No	Number of shared memory objects allocated	E640 E650 E660	403
SMSLWMGCFSTG	BINARY	STAT	SMSBODY	SMSLWMFSTG	8	LIKE	No	Lowest amount of GCDSA free storage (inc cushion)	E640 E650 E660	416
SMSLWMGSFSTG	BINARY	STAT			8	LIKE	No	Lowest amount of GSDSA free storage (inc cushion)	E640 E650 E660 E670	525
SMSLWMGUFSTG	BINARY	STAT			8	LIKE	No	Lowest amount of GUDSA free storage (inc cushion)	E640 E650 E660 E670	493
SMSMEMLIMIT	CNUMERIC	STAT	SMSGLOBAL	SMSMEMLIMIT	8	AVG	No	Maximum amount of above bar storage	E640	357
SMSMEMLIMSRC	EYUDA	STAT	SMSGLOBAL	SMSMEMLIMIT SRC	4	LIKE	No	The source setting the memory limit	E640	356
SMSMEMLIMSRC Output valid values	JCL, REGION, SMF, IEFUSI									
SMSNPAGP	BINARY	STAT	R64GLOBAL	R64NPAGP	2	AVG	No	Number of page pools		5
SMSPGSINREAL	BINARY	STAT	SMSGLOBAL	SMSHVPAGESI NREAL	8	LIKE	No	Number of real storage frames used for 64-bit private memory	E640 E650 E660	408
SMSRASR	BINARY	STAT	R64BODY	R64ASR	4	AVG	No	Number of RDSA ADD_SUBPOOL requests		98

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSRCREL	BINARY	STAT	R64BODY	R64CREL	4	AVG	No	Number of RDSA cushion releases		104
SMSRCRISS	BINARY	STAT	R64BODY	R64CRISS	4	AVG	No	Number of RDSA requests failing with no storage		100
SMSRCSIZE	BINARY	STAT	R64BODY	R64CSIZE	4	AVG	No	Current RDSA cushion size		95
SMSRCSUBP	BINARY	STAT	R64BODY	R64CSUBP	4	AVG	No	Current number of RDSA subpools		107
SMSRDSASZ	BINARY	STAT	R64BODY	R64DSASZ	4	AVG	No	Current size of RDSA		93
SMSRDSR	BINARY	STAT	R64BODY	R64DSR	4	AVG	No	Number of RDSA DELETE_SUBPOOL requests		99
SMSRENTPGM	EYUDA	STAT	R64GLOBAL	R64RENTPGM	4	LIKE	No	Reentrant program protection status		8
SMSRENTPGM Output valid values	REENTPROT, NOREENTPROT									
SMSREXTS	BINARY	STAT	R64BODY	R64EXTS	4	AVG	No	Number of RDSA extents		113
SMSREXTSA	BINARY	STAT	R64BODY	R64EXTSA	4	AVG	No	Number of RDSA extents added		114
SMSREXTSR	BINARY	STAT	R64BODY	R64EXTSR	4	AVG	No	Number of RDSA extents released		115
SMSRFMREQ	BINARY	STAT	R64BODY	R64FMREQ	4	AVG	No	Number of RDSA FREEMAIN requests		97
SMSRFSTG	BINARY	STAT	R64BODY	R64FSTG	4	AVG	No	Size of RDSA free storage including cushion		108
SMSRGMREQ	BINARY	STAT	R64BODY	R64GMREQ	4	AVG	No	Number of RDSA GETMAIN requests		96
SMSRHMWFSTG	BINARY	STAT	R64BODY	R64HWMFSTG	4	AVG	No	Peak RDSA free storage level		109
SMSRHMWSS	BINARY	STAT	R64BODY	R64HWMSS	4	AVG	No	Peak number of RDSA requests suspended		102
SMSRLFA	BINARY	STAT	R64BODY	R64LFA	4	AVG	No	Largest RDSA free area		111
SMSRLWMFSTG	BINARY	STAT	R64BODY	R64LWMFSTG	4	AVG	No	Lowest RDSA free storage level		110
SMSRPWWS	BINARY	STAT	R64BODY	R64PWWS	4	AVG	No	Number of RDSA requests purged		103
SMSRQWAITMVS	BINARY	STAT	R64GLOBAL	R64MVSSTGRE QWAITS	4	AVG	No	Number of requests for MVS storage causing wait		355
SMSRSOS	BINARY	STAT	R64BODY	R64SOS	4	AVG	No	Number of times short-on-storage occurred in RDSA		106
SMSRSV	BINARY	STAT	R64BODY	R64SV	4	AVG	No	Number of RDSA storage violations		112
SMSRTSOS	INTTSTP	STAT	R64BODY	R64TSOS	8	AVG	No	Total time spent short-on-storage in the RDSA		105
SMSRUCSS	BINARY	STAT	R64BODY	R64UCSS	4	AVG	No	Number of RDSA requests suspended		101
SMSSASR	BINARY	STAT	R64BODY	R64ASR	4	AVG	No	Number of SDSA ADD_SUBPOOL requests		75
SMSSCREL	BINARY	STAT	R64BODY	R64CREL	4	AVG	No	Number of SDSA cushion releases		81
SMSSCRISS	BINARY	STAT	R64BODY	R64CRISS	4	AVG	No	Number of SDSA requests failing with no storage		77

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSSCSIZE	BINARY	STAT	R64BODY	R64CSIZE	4	AVG	No	Current SDSA cushion size		72
SMSSCSUBP	BINARY	STAT	R64BODY	R64CSUBP	4	AVG	No	Current number of subpools in the SDSA		84
SMSSDSASZ	BINARY	STAT	R64BODY	R64DSASZ	4	AVG	No	Current size of SDSA		70
SMSSDSR	BINARY	STAT	R64BODY	R64DSR	4	AVG	No	Number of SDSA DELETE_SUBPOOL requests		76
SMSSEXTS	BINARY	STAT	R64BODY	R64EXTS	4	AVG	No	Number of extents in the SDSA		90
SMSSEXTSA	BINARY	STAT	R64BODY	R64EXTSA	4	AVG	No	Number of SDSA extents added		91
SMSSEXTSR	BINARY	STAT	R64BODY	R64EXTSR	4	AVG	No	Number of SDSA extents released		92
SMSSFMREQ	BINARY	STAT	R64BODY	R64FMREQ	4	AVG	No	Number of SDSA FREEMAIN requests		74
SMSSFSTG	BINARY	STAT	R64BODY	R64FSTG	4	AVG	No	Size of SDSA free storage including cushion		85
SMSSGMREQ	BINARY	STAT	R64BODY	R64GMREQ	4	AVG	No	Number of SDSA GETMAIN requests		73
SMSSHWMFSTG	BINARY	STAT	R64BODY	R64HWMFSTG	4	AVG	No	Peak SDSA free storage level		86
SMSSHWMSS	BINARY	STAT	R64BODY	R64HWMSS	4	AVG	No	Peak number of SDSA requests suspended		79
SMSSLFA	BINARY	STAT	R64BODY	R64LFA	4	AVG	No	Largest SDSA free area		88
SMSSLWMFSTG	BINARY	STAT	R64BODY	R64LWMFSTG	4	AVG	No	Lowest SDSA free storage level		87
SMSSOSABAR	CVDAS	INQ			4	LIKE	No	Short on storage status above the bar	E640	391
SMSSOSABAR Output valid values	SOS, NOTSOS									
SMSSOSALINE	CVDAS	INQ			4	LIKE	No	Short on storage status above the line	E640	392
SMSSOSALINE Output valid values	SOS, NOTSOS									
SMSSOSBLINE	CVDAS	INQ			4	LIKE	No	Short on storage status below the line	E640	393
SMSSOSBLINE Output valid values	SOS, NOTSOS									
SMSSOSSTATUS	CVDAS	INQ			4	LIKE	No	Short on storage status below the bar		22
SMSSOSSTATUS Output valid values	SOS, NOTSOS, SOSABOVE, SOSBELOW									
SMSSPWWS	BINARY	STAT	R64BODY	R64PWWS	4	AVG	No	Number of SDSA requests purged		80
SMSSSOS	BINARY	STAT	R64BODY	R64SOS	4	AVG	No	Number of times short-on-storage occurred in SDSA		83
SMSSSV	BINARY	STAT	R64BODY	R64SV	4	AVG	No	Number of SDSA storage violations		89
SMSSTGPROT	EYUDA	STAT	R64GLOBAL	R64STGPROT	4	LIKE	No	Storage protection status		7
SMSSTGPROT Output valid values	ACTIVE, INACTIVE									

Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSSTSOS	INTTSTP	STAT	R64BODY	R64TSOS	8	AVG	No	Total time spent short-on-storage in the SDSA		82
SMSUCSS	BINARY	STAT	R64BODY	R64UCSS	4	AVG	No	Number of SDSA requests suspended		78
SMSTMWAITMVS	INTTSTP	STAT	R64GLOBAL	R64TIMEWAITMVS	8	AVG	No	Total time waiting for MVS storage		354
SMSTRANISO	EYUDA	STAT	R64GLOBAL	R64TRANISO	4	LIKE	No	Transaction isolation status		9
SMSTRANISO Output valid values	ACTIVE, INACTIVE									
SMSUASR	BINARY	STAT	R64BODY	R64ASR	4	AVG	No	Number of UDSA ADD_SUBPOOL requests		52
SMSUCREL	BINARY	STAT	R64BODY	R64CREL	4	AVG	No	Number of UDSA cushion releases		58
SMSUCRISS	BINARY	STAT	R64BODY	R64CRISS	4	AVG	No	Number of UDSA requests failing with no storage		54
SMSUCSIZE	BINARY	STAT	R64BODY	R64CSIZE	4	AVG	No	Current UDSA cushion size		49
SMSUCSUBP	BINARY	STAT	R64BODY	R64CSUBP	4	AVG	No	Current number of subpools in the UDSA		61
SMSUDSASZ	BINARY	STAT	R64BODY	R64DSASZ	4	AVG	No	Current size of UDSA		47
SMSUDSR	BINARY	STAT	R64BODY	R64DSR	4	AVG	No	Number of UDSA DELETE_SUBPOOL requests		53
SMSUEXTS	BINARY	STAT	R64BODY	R64EXTS	4	AVG	No	Number of UDSA extents		67
SMSUEXTSA	BINARY	STAT	R64BODY	R64EXTSA	4	AVG	No	Number of UDSA extents added		68
SMSUEXTSR	BINARY	STAT	R64BODY	R64EXTSR	4	AVG	No	Number of UDSA extents released		69
SMSUFMREQ	BINARY	STAT	R64BODY	R64FMREQ	4	AVG	No	Number of UDSA FREEMAIN requests		51
SMSUFSTG	BINARY	STAT	R64BODY	R64FSTG	4	AVG	No	Size of UDSA free storage including cushion		62
SMSUGMREQ	BINARY	STAT	R64BODY	R64GMREQ	4	AVG	No	Number of UDSA GETMAIN requests		50
SMSUHMWFSTG	BINARY	STAT	R64BODY	R64HWMFSTG	4	AVG	No	Peak UDSA free storage level		63
SMSUHMWSS	BINARY	STAT	R64BODY	R64HWMSS	4	AVG	No	Peak number of UDSA requests suspended		56
SMSULFA	BINARY	STAT	R64BODY	R64LFA	4	AVG	No	Largest UDSA free area		65
SMSULWMFSTG	BINARY	STAT	R64BODY	R64LWMFSTG	4	AVG	No	Lowest UDSA free storage level		64
SMSUPWWS	BINARY	STAT	R64BODY	R64PWWS	4	AVG	No	Number of UDSA requests purged		57
SMSUSOS	BINARY	STAT	R64BODY	R64SOS	4	AVG	No	Number of times short-on-storage occurred in UDSA		60
SMSUSSCUM	BINARY	STAT	R64GLOBAL	R64USSCUM	4	AVG	No	Total number of unique subspace users		11
SMSUSSCUR	BINARY	STAT	R64GLOBAL	R64USSCUR	4	AVG	No	Current number of unique subspace users		10
SMSUSSHWM	BINARY	STAT	R64GLOBAL	R64USSHWM	4	AVG	No	Peak number of unique subspace users		12



Table 77. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSUSV	BINARY	STAT	R64BODY	R64SV	4	AVG	No	Number of UDSA storage violations		66
SMSUTSOS	INTTSTP	STAT	R64BODY	R64TSOS	8	AVG	No	Total time spent short-on-storage in the UDSA		59
SMSUUCSS	BINARY	STAT	R64BODY	R64UCSS	4	AVG	No	Number of UDSA requests suspended		55
SNONIMMGET	BINARY	CPSM			8	AVG	No	Number of SDSA non-immediate GETMAIN requests		252
SRATECREL	RATE3	CPSM			8	AVG	No	SDSA cushion release rate		257
SRATEEXTSA	RATE3	CPSM			8	AVG	No	SDSA extent increase rate		260
SRATEEXTSR	RATE3	CPSM			8	AVG	No	SDSA extent release rate		261
SRATEFM	RATE3	CPSM			8	AVG	No	SDSA FREEMAIN request rate		251
SRATEGM	RATE3	CPSM			8	AVG	No	SDSA GETMAIN request rate		250
SRATESTORV	RATE3	CPSM			8	AVG	No	SDSA storage violation rate		259
UAVGTIMESOS	INTTSTP	CPSM			8	AVG	No	Average time spent short-on-storage (SOS) in UDSA		240
UNONIMMGET	BINARY	CPSM			8	AVG	No	Number of UDSA non-immediate GETMAIN requests		234
URATECREL	RATE3	CPSM			8	AVG	No	UDSA cushion release rate		239
URATEEXTSA	RATE3	CPSM			8	AVG	No	UDSA extent increase rate		242
URATEEXTSR	RATE3	CPSM			8	AVG	No	UDSA extent release rate		243
URATEFM	RATE3	CPSM			8	AVG	No	UDSA FREEMAIN request rate		233
URATEGM	RATE3	CPSM			8	AVG	No	UDSA GETMAIN request rate		232
URATESTORV	RATE3	CPSM			8	AVG	No	UDSA storage violation rate		241



## Chapter 31. CLCACHE Resource Table

A CICS resource that provides information about the shared class cache for pooled JVMs. This resource is not supported in CICS TS for z/OS, Version 5.1 and later versions.

There is no key field for this resource class.

The following actions are supported:

### PHASEOUT

Mark pooled JVMs for deletion.

### PURGE

Terminate all tasks that use pooled JVMs in the shared class cache by using the **SET TASK PURGE** command.

### FORCEPURGE

Terminate all tasks that use pooled JVMs in the shared class cache by using the **SET TASK FORCEPURGE** command.

### START

Start the shared class cache for pooled JVMs.

### RELOAD

Reload the shared class cache for pooled JVMs.

### External resource name

CICSJVMClassCache

### Length

80

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0139

<i>Table 78. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	PHASEOUT	AUTOSTARTST(ENABLED, DISABLED)	No
	PURGE	AUTOSTARTST(ENABLED, DISABLED)	No

Table 78. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	FORCEPURGE	AUTOSTARTST(ENABLED, DISABLED)	No
	START	CACHESIZE(value)	No
		PROFILE(value)	No
	RELOAD	CACHESIZE(value)	No
		PROFILE(value)	No

Table 79. CLCACHE resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			
AUTOSTARTST	CVDAS	INQ	CLASSCACHE	AUTOSTARTST	4	LIK E	Yes	Autostart status	ENABLED		3
AUTOSTARTST Input/output valid values	ENABLED, DISABLED										
CACHEFREE	BINARY	INQ	CLASSCACHE	CACHEFREE	8	AVG	No	Amount in bytes of free space within the cache			7
CACHESIZE	BINARY	INQ	CLASSCACHE	CACHESIZE	8	AVG	No	Size of the class cache in bytes			6
JVMREQSCACHE	BINARY	STAT	DFHSJGDS	SJG_JVM_REQS_CACHE	4	AVG	No	JVM requests - class cache			13
OLDCACHES	BINARY	INQ	CLASSCACHE	OLDCACHES	4	AVG	No	Number of class caches waiting for JVMs to terminate			4
PEAKCACHEJVM	BINARY	STAT	DFHSJGDS	SJG_PEAK_CACHE_JVMS	4	AVG	No	Peak pooled (class cache) JVMs			12
PHASINGOUT	BINARY	INQ	CLASSCACHE	PHASINGOUT	4	AVG	No	Number of JVMs being phased-out			2
PROFILE	CHAR	INQ	CLASSCACHE	OLDCACHES	8	DIF F	No	Profile used to start or used to reload the cache		E660 +	5
REUSEST	CVDAS	INQ			4	LIK E	No	JVM reuse status			11
REUSEST Output valid values	REUSE, RESET, UNKNOWN										
STARTTIME	DATETIME	INQ	CLASSCACHE	STARTTIME	8	MAX	No	The time that the class cache was started			9
STATUS	CVDAS	INQ	CLASSCACHE	STATUS	4	LIK E	No	Class cache status			8
STATUS Output valid values	STARTED, STARTING, STOPPED, RELOADING										
TOTALJVMS	BINARY	INQ	CLASSCACHE	TOTALJVMS	4	AVG	No	Number of JVMs dependent on the class cache			10

## Chapter 32. CMASLIST Resource Table

A CPSM Communications Manager object that describes a CMAS instance and its connection characteristics as viewed by the current context CMAS. Each object instance reports on a particular CMAS. The object instance for the CMAS in which the GET was requested is identified by the ACCESSTYPE(LOCAL) attribute. The CMASLIST resource table and its actions may be accessed on behalf of any CMAS with a direct or indirect connection to the CMAS to which the API program is connected.

Once a CMAS instance is discovered by CICSplex SM communications, it retains knowledge of the instance until the network is terminated. Network termination occurs when all CMAS instances are shutdown.

The **Primary** key field for this resource class is CMASNAME.

The following actions are supported:

### SHUTDOWN

Shutdown the CMAS

### PURGE

Purge incore ESM security profiles

### SECUREBUILD

Rebuild the ESM Security profiles

These actions require no unique parameter data.

### External resource name

CICSCICSManagingAddressSpaceList

### Length

56

### Usage

API or WUI or CICS Management Client Interface

### API view

No

### CMAS context

Yes

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt2450

<i>Table 80. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	SHUTDOWN	None	N/A
	PURGE	None	N/A

Table 80. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	SECREBUILD	None	N/A
	RESET	USERID(value)	Yes
	RESEETIME	None	N/A
	CPSMDUMP	ASID(value)	No
		BAS	No
		CHE	No
		COM	No
		DAT	No
		KNL	No
		MAS	No
		MON	No
		MSG	No
		QUE	No
		RTA	No
		SIM	No
		SLM	No
		SRV	No
		TOP	No
		TRC	No
		WLM	No

Table 81. CMASLIST FEEDBACK error codes

Value	Code	Description
1	CMASLIST_INV_DATA	Invalid attribute data
2	CMASLIST_REC_NOT_FOUND	Requested resource not found
22	CMASLIST_SECURITY_NOT_ACTIVE	Security not active
23	CMASLIST_INV_USERID	User ID missing or invalid

Table 82. CMASLIST resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACCESSTYPE	EYUDA	CPSM	4	LIKE	Type of access	9
ACCESSTYPE Output valid values	N_A, LOCAL, ADJACENT, INDIRECT					
<b>CMASNAME-1</b>	CHAR	CPSM	8	DIFF	CMAS	4
CPSMVER	CHAR	CPSM	4	DIFF	CPSM version of CMAS	7
JOBID	CHAR	CPSM	8	DIFF	MVS job ID	12
JOBNAME	CHAR	CPSM	8	DIFF	MVS job name	11
STATUS	EYUDA	CPSM	4	LIKE	Status of CMAS	8

Table 82. CMASLIST resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
STATUS Output valid values	N_A, INACTIVE, ACTIVE, LOSTCON, CREATING					
SYSID	CHAR	CPSM	4	DIFF	CICS system ID	6
TRANSITCMAS	CHAR	CPSM	8	DIFF	First transit CMAS	5
TRANSITCNT	BINARY	CPSM	2	AVG	Number of transit CMASs	10





## Chapter 33. CMASPLEX Resource Table

A CPSM Communications Manager object that describes the management responsibility of a CMAS for a particular CICSplex.

The **Primary** key field for this resource class is PLEXNAME.

The **Secondary** key field for this resource class is MPSTATE.

**External resource name**

CICSCICSplexList

**Length**

48

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

Yes

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2452

*Table 83. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	REMPLEX	None	N/A
	FORCEREMPLEX	None	N/A

*Table 84. CMASPLEX FEEDBACK error codes*

Value	Code	Description
2	CMASPLEX_REC_NOT_FOUND	Requested resource not found
26	CMASPLEX_INV_NAMELIST	Invalid name list
27	CMASPLEX_MAS_ACTIVE	A connected MAS is active
28	CMASPLEX_NOT_FOUND	CICSplex not found
29	CMASPLEX_NOT_SUPPORTED	ACTION not supported by CMAS
30	CMASPLEX_BAD_REMOVE	MPSTATE must be INVALID for REMPLEX action

Table 84. CMASPLEX FEEDBACK error codes (continued)

Value	Code	Description
31	CMASPLEX_BAD_FRCREM	MPSTATE must be NOTCONNECTED for FORCEREMPLEX action
32	CMASPLEX_BAD_ACTION	Invalid ACTION parameter specified

Table 85. CMASPLEX resource table attributes

Name	Datatype	Source	Len	Sum	Description	Default	Value Range	Attr ID
BOTRSUPD	BINARY	CPSM	1	DIFF	RS server bottom tier	1	1-25	16
DAYLGHTSV	EYUDA	CPSM	4	LIKE	Daylight saving time in effect			11
DAYLGHTSV Output valid values	YES, NO							
MPCMAS	CHAR	CPSM	8	DIFF	Maintenance point CMAS			18
<b>MPSTATE-2</b>	EYUDA	CPSM	4	LIKE	State of MP CMAS			19
MPSTATE-2 Output valid values	VALID, INVALID, NOTCONNECTED							
MPSTATUS	EYUDA	CPSM	4	LIKE	CMAS is maintenance point			5
MPSTATUS Output valid values	YES, NO							
PERFINTVL	BINARY	CPSM	2	AVG	Performance interval duration			7
<b>PLEXNAME-1</b>	CHAR	CPSM	8	DIFF	CICSplex			4
READRS	BINARY	CPSM	2	DIFF	RS server read interval	200	0-2000	13
RSPOLID	CHAR	CPSM	8	DIFF	RS server pool name	DFHRSTAT		17
TMEZONE	CHAR	CPSM	1	DIFF	Time zone			10
TMEZONEO	BINARY	CPSM	1	AVG	Time zone offset			9
TOPRSUPD	BINARY	CPSM	1	DIFF	RS server top tier	5	1-25	15
UPDATERS	BINARY	CPSM	1	DIFF	RS server update frequency	15	0-25	14

## Chapter 34. CMAS Resource Table

A CPSM Kernel Manager object that describes an active CMAS. Since a CMAS is itself a CICS system, selected CICS attributes are also provided. CMAS instances and actions can be accessed by setting the context of the request to the required CMAS. CRITERIA and filters may not be used to select multiple instances of the CMAS resource table. If you want to perform actions on more than one CMAS at a time, or use CRITERIA or filters to select the CMAS on which to act, use the CMASLIST resource table.

The **Primary** key field for this resource class is CMASNAME.

The following actions are supported:

### SHUTDOWN

Shutdown the CMAS

### PURGE

Purge incore ESM security profiles

### SECUREBUILD

Rebuild the ESM Security profiles

These actions require no unique parameter data.

### External resource name

CICSCICSManagingAddressSpace

### Length

344

### Usage

API or WUI or CICS Management Client Interface

### API view

No

### CMAS context

Yes

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSPlex SM Manager

### Copybook identifier

EYUt2451

<i>Table 86. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	SHUTDOWN	None	N/A
	PURGE	None	N/A
	SECUREBUILD	None	N/A

Table 86. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	RESET	USERID(value)	Yes
	RESETTIME	None	N/A
	CPSMDUMP	ASID(value)	No
		BAS	No
		CHE	No
		COM	No
		DAT	No
		KNL	No
		MAS	No
		MON	No
		MSG	No
		QUE	No
		RTA	No
		SIM	No
		SLM	No
		SRV	No
		TOP	No
		TRC	No
		WLM	No
	COMMAND	CMDTEXT(value)	Yes

Table 87. CMAS FEEDBACK error codes

Value	Code	Description
1	CMAS_INV_DATA	Attribute data invalid
2	CMAS_REC_NOT_FOUND	Requested resource not found
5	CMAS_REC_CHANGED	Resource definition already changed
21	CMAS_NO_ACTION_TO_PERFORM	No action to perform
22	CMAS_SECURITY_NOT_ACTIVE	Security not active
23	CMAS_INV_USERID	User ID missing or invalid
24	CMAS_INV_CMDTEXT	Command text invalid

Table 88. CMAS resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Value Range	Get Invalid	Attr ID
AMAXTASK	BINARY	STAT	2	AVG	No	Maximum number of active tasks			30
APPLID	CHAR	CPSM	8	DIFF	No	Application ID			6

Table 88. CMAS resource table attributes (continued)									
Name	Datatype	Source	Len	Sum	Set	Description	Value Range	Get Invalid	Attr ID
AUXSTATUS	CVDAS	INQ	4	LIKE	Yes	Auxiliary trace status			24
AUXSTATUS Input/output valid values	AUXSTART, AUXSTOP, AUXPAUSE								
AUXSWITCH	CVDAS	INQ	4	LIKE	Yes	Auxiliary trace switch status			25
AUXSWITCH Input/output valid values	NOSWITCH, SWITCHALL, SWITCHNEXT								
BASTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Business Application Services (BAS) trace flags			3
CASID	CHAR	CPSM	4	DIFF	No	Local coordinating address space (CAS) ID			9
CASSTATUS	EYUDA	CPSM	4	LIKE	No	Coordinating address space (CAS) connection status			27
CASSTATUS Output valid values	ACTIVE, INACTIVE, WAITING, LOSTCON, NOTAPPLIC								
CHETRACE	BITSTRIP	CPSM	4	LIKE	Yes	Cache services trace flags			37
CMASNAME-1	CHAR	CPSM	8	DIFF	No	CMAS			4
COMTRACE	BITSTRIP	CPSM	4	AVG	Yes	Communications trace flags			40
CPSMVER	CHAR	CPSM	4	DIFF	No	CPSM version of CMAS			10
CPUTIME	INTUSEC	CPSM	8	MAX	No	Total CPU time used			12
CURRTASKS	BINARY	STAT	2	AVG	No	Current number of tasks			29
DATTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Data repository services trace flags			38
DAYLIGHT	EYUDA	CPSM	4	LIKE	Yes	Daylight saving time			58
DAYLIGHT Input/output valid values	YES, NO								
DREPDSN	CHAR	CPSM	44	DIFF	No	Data repository data set name			48
DREPSTATUS	CVDAS	INQ	4	LIKE	No	Data repository status			21
DREPSTATUS Output valid values	OPEN, CLOSED, OPENING, CLOSING, CLOSEREQUEST								
FREEOSSBCNT	BINARY	CPSM	4	AVG	No	Number of CPSM program-working-storage blocks free			16
FREEOSSBUSE	BINARY	CPSM	4	AVG	No	Number of times free working-storage blocks used			17
GETMAINOSSB	BINARY	CPSM	4	AVG	No	Number of GETMAINS for working-storage blocks			18
GTFSTATUS	CVDAS	INQ	4	LIKE	Yes	Generalized trace facility (GTF) trace status			26
GTFSTATUS Input/output valid values	GTFSTART, GTFSTOP								
IRCSTATUS	CVDAS	INQ	4	LIKE	Yes	Interregion communication status			20
IRCSTATUS Input/output valid values	OPEN, CLOSED								
IRCSTATUS Input valid values	IMMCLOSE								
IRCSTATUS Output valid values	CLOSING, IMMCLOSING								
JOBID	CHAR	CPSM	8	DIFF	No	MVS job ID			71
JOBNAME	CHAR	CPSM	8	DIFF	No	MVS job name			5

Table 88. CMAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Value Range	Get Invalid	Attr ID
KNLTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Kernel linkage trace flags			33
MAXSTCB	BINARY	CPSM	4	AVG	No	Maximum number of STCBs allocated			57
MAXTASK	BINARY	STAT	4	AVG	Yes	Maximum number of active and suspended tasks	32-2000		45
MAXTCNT	BINARY	STAT	2	AVG	No	Number of times maximum task limit reached			32
MEMLIMIT	CNUMERIC	INQ	8	LIKE	No	Maximum amount of storage above the bar		E640	67
MONMCONN	BINARY	CPSM	4	AVG	No	Number of pending connection-monitoring queues			49
MONMFILE	BINARY	CPSM	4	AVG	No	Number of pending file-monitoring queues			50
MONMJRNL	BINARY	CPSM	4	AVG	No	Number of pending journal-monitoring queues			51
MONMPROG	BINARY	CPSM	4	AVG	No	Number of pending program-monitoring queues			52
MONMSYS	BINARY	CPSM	4	AVG	No	Number of pending global-monitoring queues			56
MONMTDQ	BINARY	CPSM	4	AVG	No	Number of pending TD-monitoring queues			55
MONMTERM	BINARY	CPSM	4	AVG	No	Number of pending terminal-monitoring queues			53
MONMTRAN	BINARY	CPSM	4	AVG	No	Number of pending transaction-monitoring queues			54
MONTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Monitoring trace flags			42
MSGTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Message services trace flags			35
MVSLOC	CHAR	CPSM	4	DIFF	No	MVS system ID			7
NETALERT	BINARY	CPSM	8	AVG	No	Number of Netview alerts sent			60
NETVPPI	EYUDA	CPSM	4	LIKE	Yes	Netview PPI to be used			59
NETVPPI Input/output valid values	YES, NO								
PAGEIN	BINARY	CPSM	4	AVG	No	Number of page-in requests			13
PAGEOUT	BINARY	CPSM	4	AVG	No	Number of page-out requests			14
PEAKAMAX	BINARY	STAT	2	AVG	No	Peak number of user tasks eligible for dispatch			31
QUETRACE	BITSTRIP	CPSM	4	LIKE	Yes	Queue services trace flags			39
REALSTG	BINARY	CPSM	4	AVG	No	Real storage in use			15
RODMNAME	CHAR	CPSM	8	DIFF	No	Resource status facility name			63
RTATRACE	BITSTRIP	CPSM	4	LIKE	Yes	Real time analysis (RTA) trace flags			43
SDUMP	EYUDA	CPSM	4	LIKE	Yes	System dump option			62
SDUMP Input/output valid values	YES, NO, NEVER								
SOSABOVEBAR	CVDAS	INQ	4	LIKE	No	Short on storage status above the bar		E640	68
SOSABOVEBAR Output valid values	SOS, NOTSOS								

Table 88. CMAS resource table attributes (continued)									
Name	Datatype	Source	Len	Sum	Set	Description	Value Range	Get Invalid	Attr ID
SOSABOVELINE	CVDAS	INQ	4	LIKE	No	Short on storage status above the line		E640	69
SOSABOVELINE Output valid values	SOS, NOTSOS								
SOSBELOWLINE	CVDAS	INQ	4	LIKE	No	Short on storage status below the line		E640	70
SOSBELOWLINE Output valid values	SOS, NOTSOS								
SRVTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Common services trace flags			36
STRTTIME	TIMESTP	CPSM	8	MAX	No	Local time at which CMAS was started			11
SYSID	CHAR	CPSM	4	DIFF	No	CICS system ID			8
SYSTEMSTATUS	CVDAS	INQ	4	LIKE	Yes	System trace status			22
SYSTEMSTATUS Input/output valid values	SYSTEMON, SYSTEMOFF								
TIMEZONE	CHAR	CPSM	1	DIFF	Yes	CMAS time zone			46
TOPTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Topology trace flags			41
TOTLTASKS	BINARY	STAT	4	AVG	No	Total number of CICS tasks run in CMAS			28
TRATRACE	BITSTRIP	CPSM	4	LIKE	Yes	Trace services trace flags			34
USERSTATUS	CVDAS	INQ	4	LIKE	Yes	User trace status			23
USERSTATUS Input/output valid values	USERON, USEROFF								
VTAMACB	CVDAS	INQ	4	LIKE	Yes	VTAM ACB open status			19
VTAMACB Input/output valid values	OPEN, CLOSED								
VTAMACB Input valid values	IMMCLOSE, FORCECLOSE								
VTAMACB Output valid values	CLOSING, IMMCLOSING, FORCECLOSING								
WLMTRACE	BITSTRIP	CPSM	4	LIKE	Yes	Workload management trace flags			44
XCFGROUP	CHAR	INQ	8	LIKE	No	XCF group ID		E640	65
ZONEOFFS	BINARY	CPSM	1	DIFF	Yes	CMAS time zone offset			47





## Chapter 35. CMDMPAPS Resource Table

A CPSM Real Time Analysis Definition that identifies the role of a primary CMAS within the scope of an analysis specification.

The **Primary** key field for this resource class is CMASNAME.

The **Secondary** key field for this resource class is SPEC.

There are no object specific actions for this resource class.

**External resource name**

CICSPrimaryAnalysisPointCMAS

**Length**

56

**Usage**

API or Batch Utility or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt4353

<i>Table 89. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 90. CMDMPAPS FEEDBACK error codes</i>		
Value	Code	Description
1	CMDMPAPS_INV_DATA	Attribute data invalid
2	CMDMPAPS_REC_NOT_FOUND	Requested resource not found
3	CMDMPAPS_INV_REFERENCE	Attribute references an invalid resource
4	CMDMPAPS_REC_EXISTS	Resource already exists
6	CMDMPAPS_INV_RESTYPE	Invalid resource type
7	CMDMPAPS_INV_VER	Invalid resource version
21	CMDMPAPS_CMAS_NOT_UNIQUE	Association is not unique

Table 90. CMDMPAPS FEEDBACK error codes (continued)

Value	Code	Description
22	CMDMPAPS_DUP_ASSOCIATION	Duplicate association

Table 91. CMDMPAPS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	7
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	10
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	9
<b>CMASNAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Primary CMAS	5
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	8
<b>SPEC-2</b>	CHAR	CPSM	8	Yes	DIFF	Analysis point specification	6

## Chapter 36. CMDMSAPS Resource Table

A CPSM Real Time Analysis Definition that identifies the role of a secondary CMAS within the scope of an analysis specification.

The **Primary** key field for this resource class is CMASNAME.

The **Secondary** key field for this resource class is SPEC.

There are no object specific actions for this resource class.

**External resource name**

CICSSecondaryAnalysisPointCMAS

**Length**

56

**Usage**

API or Batch Utility or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt4354

<i>Table 92. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 93. CMDMSAPS FEEDBACK error codes</i>		
Value	Code	Description
1	CMDMSAPS_INV_DATA	Attribute data invalid
2	CMDMSAPS_REC_NOT_FOUND	Requested resource not found
3	CMDMSAPS_INV_REFERENCE	Attribute references an invalid resource
4	CMDMSAPS_REC_EXISTS	Resource already exists
6	CMDMSAPS_INV_RESTYPE	Invalid resource type
7	CMDMSAPS_INV_VER	Invalid resource version
22	CMDMSAPS_DUP_ASSOCIATION	Duplicate association

Table 94. CMDMSAPS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	7
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	10
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	9
<b>CMASNAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Secondary CMAS	5
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	8
<b>SPEC-2</b>	CHAR	CPSM	8	Yes	DIFF	Analysis point specification	6

---

## Chapter 37. CMDT Resource Table

CICS Resource that describes a data table in an active CICS system managed by CICSplex SM. The data presented is from the perspective of the file associated with the data table.

The **Primary** key field for this resource class is FILE.

The following actions are supported:

### CLOSE

Close the data table file.

The parameter data for the CLOSE action is:

```
PARM('BUSY(cvda).')
```

where *cvda* is required and must be one of the following valid CVDAs for the file busy condition:

WAIT  
NOWAIT  
FORCE

### DISABLE

Disable the data table file.

The parameter data for the DISABLE action is:

```
PARM('BUSY(cvda).')
```

where *cvda* is required and must be one of the following valid CVDAs for the file busy condition:

WAIT  
NOWAIT  
FORCE

### DISCARD

Discard the data table file.

### ENABLE

Enable the data table file.

### OPEN

Open the data table file.

### External resource name

CICSDataTable

### Length

384

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0041

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	CLOSE	BUSY(WAIT, NOWAIT, FORCE)	Yes
	DISABLE	BUSY(WAIT, NOWAIT, FORCE)	Yes
	DISCARD	None	N/A
	ENABLE	None	N/A
	OPEN	None	N/A

Value	Code	Description
1	CMDT_INV_DATA	Attribute data invalid

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF	No	CICS System Name				
EYU_CICSREL	CHAR	CPSM			4	DIF	No	CICS Release				
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved				
ADD	CVDAS	INQ	FILE	ADD	4	LIKE	Yes	Add option				2
ADD Input/output valid values	ADDABLE, NOTADDABLE											
ADDCNT	BINARY	STAT	DFHA17DS	A17DSWRA	4	AVG	No	Number of WRITE requests				26
ADDFRREAD	BINARY	STAT	DFHA17DS	A17DTAVR	4	AVG	No	Number of records added to table by READ requests				34
ADDREJ	BINARY	STAT	DFHA17DS	A17DTARJ	4	AVG	No	Number of add requests rejected by user exit				36
ADDREQ	BINARY	STAT	DFHA17DS	A17DTADS	4	AVG	No	Number of records added from WRITE requests				35
ADDTFULL	BINARY	STAT	DFHA17DS	A17DTATF	4	AVG	No	Number of add requests rejected when table full				37
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0		E640 E650	76
BROWSE	CVDAS	INQ	FILE	BROWSE	4	LIKE	Yes	Browse option				3

Table 97. CMDT resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
BROWSE Input/output valid values	BROWSABLE, NOTBROWSABLE											
BROWSECNT	BINARY	STAT	DFHA17DS	A17DSBR	4	AVG	No	Number of READNEXT and READPREV requests				25
CHANGEAGENT	CVDAS	INQ	FILE	CHANGEAGENT	4	LIKE	No	Last modification agent			E640 E650	68
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBatch, TABLE, SYSTEM, CREATESPI, NOTAPPLIC											
CHANGEAGREL	CHAR	INQ	FILE	CHANGEAGREL	4	DIF	No	Last modification agent release			E640 E650	69
CHANGETIME	DATETIME	INQ	FILE	CHANGETIME	8	MAX	No	Last modification time			E640 E650	70
CHANGEUSRID	CHAR	INQ	FILE	CHANGEUSRID	8	DIF	No	Last modification user ID			E640 E650	67
CONTENTION	CNUMERIC	STAT	DFHA17DS	A17DTCON	4	AVG	No	Number of CFDT contentions				66
CURCOUNT	BINARY	STAT	DFHA17DS	A17DTSIZ	4	AVG	No	Current number of records in data table file				41
DATASETTYPE	CHAR	STAT	DFHA17DS	A17DSTYP	1	DIF	No	Data set type				60
DEFINESOURCE	CHAR	INQ	FILE	DEFINESOURCE	8	DIF	No	Source of the resource definition			E640 E650	71
DEFINETIME	DATETIME	INQ	FILE	DEFINETIME	8	MAX	No	Creation time			E640 E650	72
DELETE	CVDAS	INQ	FILE	DELETE	4	LIKE	Yes	Delete option				4
DELETE Input/output valid values	DELETABLE, NOTDELETABLE											
DELETEREQ	BINARY	STAT	DFHA17DS	A17DTDLS	4	AVG	No	Number of DELETE requests				39
DEXPCNT	BINARY	STAT	DFHA17DS	A17DSXCP	4	AVG	No	Number of I/O operations on data component				29
DISPOSITION	CVDAS	INQ	FILE	DISPOSITION	4	LIKE	Yes	Disposition of associated data set				5
DISPOSITION Input/output valid values	OLD, SHARE											
DSNAME	CHAR	INQ	FILE	DSNAME	44	DIF	Yes	Data set name				6
ENABLESTATUS	CVDAS	INQ	FILE	ENABLESTATUS	4	LIKE	Yes	Enablement status				7
ENABLESTATUS Input/output valid values	ENABLED, DISABLED											

Table 97. CMDT resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
ENABLESTATUS Output valid values	UNENABLED, DISABLING, UNENABLING											
<b>FILE-1</b>	CHAR	INQ			8	DIF F	No	File ID				1
FWDRECSTATUS	CVDAS	INQ	FILE	FWDRECSTATUS	4	LIK E	No	Forward recovery option				8
FWDRECSTATUS Output valid values	FWDRECOVABLE, NOTFWDRCVBLE											
GETCNT	BINARY	STAT	DFHA17DS	A17DSRD	4	AV G	No	Number of READ requests				23
GETUPDCNT	BINARY	STAT	DFHA17DS	A17DSGU	4	AV G	No	Number of READ UPDATE requests				24
GMTFILECLS	TIMESTP	STAT	DFHA17DS	A17GCLST	8	MA X	No	GMT file close time				58
GMTFILEOPN	TIMESTP	STAT	DFHA17DS	A17GOPNT	8	MA X	No	GMT file open time				57
IEXPCNT	BINARY	STAT	DFHA17DS	A17DSIXP	4	AV G	No	Number of I/O operations on index component				30
INSTALLAGENT	CVDAS	INQ	FILE	INSTALLAGENT	4	LIK E	No	Installation agent			E64 0 E65 0	75
INSTALLAGENT Input/output valid values	CSDAPI, CREATSPI, TABLE, SYSTEM, GRPLIST											
INSTALLTIME	DATETIME	INQ	FILE	INSTALLTIME	8	MA X	No	Installation time			E64 0 E65 0	74
INSTALLUSRID	CHAR	INQ	FILE	INSTALLUSRID	8	DIF F	No	Installation user ID			E64 0 E65 0	73
JOURNALNUM	BINARY	INQ	FILE	JOURNALNUM	2	AV G	No	Journal number				51
KEYLENGTH	BINARY	INQ	FILE	KEYLENGTH	4	AV G	No	Key length				9
KEYPOSITION	BINARY	INQ	FILE	KEYPOSITION	4	AV G	No	Key position				10
LOADTYPE	CVDAS	INQ	FILE	LOADTYPE	4	LIK E	Yes	CFDT load type				65
LOADTYPE Input/ output valid values	LOAD, NOLOAD, NOTAPPLIC											
LOCDELNT	BINARY	STAT	DFHA17DS	A17DSDEL	4	AV G	No	Number of DELETE requests				28
LSRPOOLID	BINARY	INQ	FILE	LSRPOOLNUM	2	MA X	Yes	LSR Pool number				53
MAXNUMRECS	BINARY	INQ	FILE	MAXNUMRECS	4	AV G	Yes	Maximum number of records table can hold		0-99999999		11
MAXTSIZE	BINARY	STAT	DFHA17DS	A17DTSHI	4	AV G	No	Maximum table size				40
NUMACTSTRING	BINARY	STAT	DFHA17DS	A17DSASC	2	AV G	No	Number of active strings				56
NUMDATBUFF	BINARY	STAT	DFHA17DS	A17DSDNB	2	AV G	No	Number of data buffers				54



Table 97. CMDT resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Value Range	Get Inval id	Attr ID
NUMINDEXBUFF	BINARY	STAT	DFHA17DS	A17DSINB	2	AVG	No	Number of index buffers				55
NUMSTRINGWT	BINARY	STAT	DFHA17DS	A17DSASW	2	AVG	No	Number of active string waits				59
OPENSTATUS	CVDAS	INQ	FILE	OPENSTATUS	4	LIKE	Yes	Open status				12
OPENSTATUS Input/output valid values	OPEN, CLOSED											
OPENSTATUS Output valid values	OPENING, CLOSING, CLOSEREQUEST											
POOLNAME	CHAR	INQ	FILE	CFDTPOOL	8	DIFF	Yes	CFDT pool name				62
READ	CVDAS	INQ	FILE	READ	4	LIKE	Yes	Read option				13
READ Input/output valid values	READABLE, NOTREADABLE											
READRETRY	BINARY	STAT	DFHA17DS	A17DTRRS	4	AVG	No	Number of READ retries				42
READS	BINARY	STAT	DFHA17DS	A17DTRDS	4	AVG	No	Number of successful READs				32
RECNOTFND	BINARY	STAT	DFHA17DS	A17DTRNF	4	AVG	No	Total number of records not found in table				33
RECORDFORMAT	CVDAS	INQ	FILE	RECORDFORMAT	4	LIKE	No	Record format				14
RECORDFORMAT Output valid values	FIXED, VARIABLE, UNDEFINED											
RECORDSIZE	BINARY	INQ	FILE	RECORDSIZE	4	AVG	No	Record size				15
RECOVSTATUS	CVDAS	INQ	FILE	RECOVSTATUS	4	LIKE	No	Recovery type				16
RECOVSTATUS Output valid values	RECOVERABLE, NOTRECOVERABLE											
REWRITE	BINARY	STAT	DFHA17DS	A17DTRWS	4	AVG	No	Number of REWRITE requests				38
STGALCINU	BINARY	STAT	DFHA17DS	A17DTUST	4	AVG	No	Total storage in use (kilobytes)				44
STGALCTOT	BINARY	STAT	DFHA17DS	A17DTALT	4	AVG	No	Total storage allocated (kilobytes)				43
STGDTAINU	BINARY	STAT	DFHA17DS	A17DTUSD	4	AVG	No	Storage in use for record data (kilobytes)				50
STGDTATOT	BINARY	STAT	DFHA17DS	A17DTALD	4	AVG	No	Storage allocated for record data (kilobytes)				49
STGENTINU	BINARY	STAT	DFHA17DS	A17DTUSE	4	AVG	No	Storage in use for record entry blocks (KB)				46
STGENTTOT	BINARY	STAT	DFHA17DS	A17DTALE	4	AVG	No	Storage allocated for record entry blocks (KB)				45
STGIDXINU	BINARY	STAT	DFHA17DS	A17DTUSI	4	AVG	No	Storage in use for index (kilobytes)				48
STGIDXTOT	BINARY	STAT	DFHA17DS	A17DTALI	4	AVG	No	Storage allocated for index (kilobytes)				47

Table 97. CMDT resource table attributes (continued)												
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
STRINGS	BINARY	INQ	FILE	STRINGS	4	AVG	Yes	Number of strings				17
TABLE	CVDAS	INQ	FILE	TABLE	4	LIKE	Yes	Type of data table				18
TABLE Input/output valid values	CICSTABLE, USERTABLE, CFTABLE, NOTTABLE											
TABLE Output valid values	NOTAPPLIC											
TABLENAME	CHAR	INQ	FILE	TABLENAME	8	DIFF	Yes	CFDT table name				63
TIMECLOSE	DECTSTP	STAT	DFHA17DS	A17LCLST	4	MAX	No	Local time file was closed				22
TIMEOPEN	DECTSTP	STAT	DFHA17DS	A17LOPNT	4	MAX	No	Local time file was opened				21
UPDATE	CVDAS	INQ	FILE	UPDATE	4	LIKE	Yes	Update option				20
UPDATE Input/output valid values	UPDATABLE, NOTUPDATABLE											
UPDATECNT	BINARY	STAT	DFHA17DS	A17DSWRU	4	AVG	No	Number of REWRITE requests				27
UPDATEMODEL	CVDAS	INQ	FILE	UPDATEMODEL	4	LIKE	Yes	CFDT update model				64
UPDATEMODEL Input/output valid values	LOCKING, CONTENTION, NOTAPPLIC											
VSAMTYPE	CVDAS	INQ	FILE	TYPE	4	LIKE	No	Type of VSAM data set				19
VSAMTYPE Input/output valid values	NOTAPPLIC											
VSAMTYPE Output valid values	ESDS, KSDS, RRDS, VRRDS											
WSTRCCURCNT	BINARY	STAT	DFHA17DS	A17DSHSW	2	AVG	No	Peak concurrent requests queued - strings in use				52
WSTRCNT	BINARY	STAT	DFHA17DS	A17DSTSW	4	AVG	No	Total requests queued because strings in use				31

## Chapter 38. CMTCMDEF Resource Table

A CPSM Communications Definition that describes a CMAS-to-CMAS connection from the perspective of the context CMAS.

Each CMTCMDEF instance has a related CICS CONNECTION, SESSION definition set. For LU6.2 connections, a CICS PARTNER definition also exists. These CICS CSD resources are managed internally by CICSplex SM.

The **Primary** key field for this resource class is TARGETNAME.

There are no object specific actions for this resource class.

**Note:** For CMTCMDEF, API UPDATE is only valid for the DESC attribute.

### External resource name

CICSCMASToCMASLinkDefinition

### Length

168

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

Yes

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Definition

### Copybook identifier

EYUt2732

<i>Table 98. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

<i>Table 99. CMTCMDEF FEEDBACK error codes</i>		
Value	Code	Description
1	CMTCMDEF_INV_DATA	Attribute data invalid
2	CMTCMDEF_REC_NOT_FOUND	Requested resource not found
4	CMTCMDEF_REC_EXISTS	Resource already exists
5	CMTCMDEF_REC_CHANGED	Resource definition already changed

Table 99. CMTCMDEF FEEDBACK error codes (continued)

Value	Code	Description
8	CMTCMDEF_REPOSITORY_FAILURE	Error in data repository
21	CMTCMDEF_CEDA_TIMEOUT	Timeout whilst updating CICS CSD
22	CMTCMDEF_CEDA_FAILURE_DEFINE	Failure defining resource on CICS CSD
23	CMTCMDEF_CEDA_FAILURE_INSTALL	Install to CICS CSD failed
24	CMTCMDEF_CEDA_FAILURE_MOVE	Move on CICS CSD failed
25	CMTCMDEF_CONNECTION_ACTIVE	Connection active
26	CMTCMDEF_CONNECTION_PENDING	Connection pending
27	CMTCMDEF_CONNECTION_RESET	Connection reset
28	CMTCMDEF_SYSID_DUP	Duplicate system ID
29	CMTCMDEF_APPLID_DUP	Duplicate application ID
30	CMTCMDEF_LINK_TYPE	Invalid link type
31	CMTCMDEF_LINK_DATA	Link data
32	CMTCMDEF_UNKNOWN_METH_STATUS	Unexpected return code from internal program call
33	CMTCMDEF_TIMEOUT	Timeout
34	CMTCMDEF_MISMATCH_TARGNAME	Target CMAS exists with different Target Applid/SYSID
35	CMTCMDEF_MISMATCH_APPLID	Target Applid does not match existing Target CMAS/SYSID
36	CMTCMDEF_MISMATCH_SYSID	SYSID does not match existing Target CMAS/Aplid
37	CMTCMDEF_CRTE_FAILURE_DEFN	Creating the CICS CONNECTION or SESSION failed
38	CMTCMDEF_CRTE_FAILURE_COMP	Completing the CICS connection failed
39	CMTCMDEF_CRTE_FAILURE_DISC	Discarding the aborted CICS connection failed

Table 100. CMTCMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			19
CHANGEAGENT Input/ output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			22
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			21
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			20
DESC	CHAR	CPSM	58	No	DIFF	Description			12
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	18
MODENAME	CHAR	CPSM	8	No	DIFF	LU 6.2 mode			9

Table 100. CMTCMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
PROTOCOL	EYUDA	CPSM	4	Yes	LIKE	Link protocol			8
PROTOCOL Input/output valid values	LU62, MRO								
RECVBUF	BINARY	CPSM	2	Yes	AVG	Receive buffer size		256-30720	14
RECVPFX	CHAR	CPSM	2	No	DIFF	MRO receive prefix			10
SECATTACH	CHAR	CPSM	16	Yes	DIFF	Type of attach-time security to be used			15
SECATTACH Input/output valid values	LOCAL, IDENTIFY								
SECNAME	CHAR	CPSM	8	No	DIFF	User ID of remote system for security purposes			16
SENDBUF	BINARY	CPSM	2	Yes	AVG	Send buffer size		256-30720	13
SENDPFX	CHAR	CPSM	2	No	DIFF	MRO send prefix			11
SYSID	CHAR	CPSM	4	Yes	DIFF	Target system ID			7
TARGETAPPL	CHAR	CPSM	8	Yes	DIFF	Target VTAM application ID			6
TARGETNAME-1	CHAR	CPSM	8	Yes	DIFF	Target CMAS			5



## Chapter 39. CMTCMLNK Resource Table

A CPSM Communications Manager object that describes an installed CMAS-to-CMAS connection from the perspective of the context CMAS. CMTCMLNK instances can be accessed only when you are connected to the CMAS that is the CICSplex Maintenance Point.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### ACQUIRE

Attempt to place the CICS Connection used by the CMTCMLNK, INSERVICE and ACQUIRED. This action can only be used on CMTCMLNKs using a PROTOCOL of LU62.

### DISCARD

Discard the connection.

The DISCARD action requires no unique parameter data.

### External resource name

CICSCMAStoCMASLink

### Length

152

### Usage

API or WUI or CICS Management Client Interface

### API view

No

### CMAS context

Yes

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt2444

*Table 101. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	ACQUIRE	None	N/A

*Table 102. CMTCMLNK FEEDBACK error codes*

Value	Code	Description
1	CMTCMLNK_INV_DATA	Attribute data invalid
2	CMTCMLNK_REC_NOT_FOUND	Requested resource not found

Table 102. CMTCMLNK FEEDBACK error codes (continued)

Value	Code	Description
21	CMTCMLNK_LINK_IS_ACTIVE	Link is active
22	CMTCMLNK_LINK_RESET	Link reset
23	CMTCMLNK_LINK_PENDING	Link pending
24	CMTCMLNK_DISCARD_FAILED	Discard failed
25	CMTCMLNK_CICS_FAILURE	CICS failure
26	CMTCMLNK_RECNAME_MISSING	Record name missing
27	CMTCMLNK_PLEXNAME_MISSING	CICSplex name missing
28	CMTCMLNK_LINK_NOTINSERVICE	CICS link not INSERVICE
29	CMTCMLNK_LINK_NOTACQUIRED	CICS link not Acquired
30	CMTCMLNK_LINK_NOTLU62	Link protocol not LU62

Table 103. CMTCMLNK resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
APPLID	CHAR	CPSM	8	DIFF	Application ID	24
CBYTRCVD	BINARY	CPSM	8	AVG	Number of bytes received (compressed)	19
CBYSENT	BINARY	CPSM	8	AVG	Number of bytes sent (compressed)	14
CICSCONN	CVDAS	INQ	4	LIKE	CICS connection status	7
CICSCONN Output valid values	RELEASED, OBTAINING, ACQUIRED, FREEING, AVAILABLE					
CICSSERV	CVDAS	INQ	4	LIKE	CICS service status	8
CICSSERV Output valid values	INSERVICE, OUTSERVICE, GOINGOUT					
CPSMCONN	EYUDA	CPSM	4	LIKE	Connection status	9
CPSMCONN Output valid values	CONACT, RESET, PENDING					
EXECCLK	INTUSEC	CPSM	8	MAX	Cumulative time to execute CICSplex SM service requests	22
MALSRCVD	BINARY	CPSM	8	AVG	Total requests received	15
MALSSSENT	BINARY	CPSM	8	AVG	Total requests sent	10
MSGSRCVD	BINARY	CPSM	8	AVG	Number of message packets received	16
MSGSSSENT	BINARY	CPSM	8	AVG	Number of message packets sent	11
NAME-1	CHAR	CPSM	8	DIFF	Target CMAS	4
PROTOCOL	EYUDA	CPSM	4	LIKE	Link protocol	6
PROTOCOL Output valid values	LU62, MRO					
RCVCLK	INTUSEC	CPSM	8	MAX	Cumulative time to receive CICSplex SM service requests	23
SCHEDCLK	INTUSEC	CPSM	8	MAX	Cumulative time to schedule CICSplex SM service requests	20
SYSID	CHAR	CPSM	4	DIFF	Target system ID	5
TBUFRCVD	BINARY	CPSM	8	AVG	Number of transit buffers received	17
TBUFSSENT	BINARY	CPSM	8	AVG	Number of transit buffers sent	12
TRANSCLK	INTUSEC	CPSM	8	MAX	Cumulative time to transmit CICSplex SM service requests	21
UBYTRCVD	BINARY	CPSM	8	AVG	Number of bytes received (uncompressed)	18
UBYTSSENT	BINARY	CPSM	8	AVG	Number of bytes sent (uncompressed)	13



## Chapter 40. CMTPLNK Resource Table

A CPSM Communications Manager object that describes an installed CMAS-to-MAS connection from the perspective of the context CMAS. The information displayed is for both local and remote MAS instances. CMTPLNK instances can be accessed only when you are connected to the CMAS that is the CICSplex Maintenance Point.

The **Primary** key field for this resource class is NAME.

The following action is supported:

### DISCARD

Discard a Remote MAS connection. DISCARD is not valid for a local MAS connection.

The DISCARD action requires no unique parameter data.

### External resource name

CICSCMAStoMASLink

### Length

160

### Usage

API or WUI or CICS Management Client Interface

### API view

No

### CMAS context

Yes

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt2445

<i>Table 104. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

<i>Table 105. CMTPLNK FEEDBACK error codes</i>		
Value	Code	Description
1	CMTPLNK_INV_DATA	Attribute data invalid
2	CMTPLNK_REC_NOT_FOUND	Requested resource not found
21	CMTPLNK_LINK_IS_ACTIVE	Link is active
22	CMTPLNK_LINK_RESET	Link reset

Table 105. CMTPLNK FEEDBACK error codes (continued)

Value	Code	Description
23	CMTPLNK_LINK_PENDING	Link pending
24	CMTPLNK_DISCARD_FAILED	Discard failed
25	CMTPLNK_CICS_FAILURE	CICS failure
26	CMTPLNK_RECNAME_MISSING	Record name missing
27	CMTPLNK_PLEXNAME_MISSING	CICSplex name missing

Table 106. CMTPLNK resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
APPLID	CHAR	CPSM	8	DIFF	VTAM application ID	25
CBYTRCVD	BINARY	CPSM	8	AVG	Number of bytes received (compressed)	19
CBYTSENT	BINARY	CPSM	8	AVG	Number of bytes sent (compressed)	14
CICSCONN	CVDAS	INQ	4	LIKE	CICS connection status	7
CICSCONN Output valid values	RELEASED, OBTAINING, ACQUIRED, FREEING, AVAILABLE					
CICSSERV	CVDAS	INQ	4	LIKE	CICS service status	8
CICSSERV Output valid values	INSERVICE, OUTSERVICE, GOINGOUT					
CPSMCONN	EYUDA	CPSM	4	LIKE	CICSplex SM connection status	9
CPSMCONN Output valid values	CONACT, RESET, PENDING					
EXECCLK	INTUSEC	CPSM	8	MAX	Total execution time for CICSplex SM service requests	22
MALSRCVD	BINARY	CPSM	8	AVG	Number of service requests and responses received	15
MALSSENT	BINARY	CPSM	8	AVG	Number of service requests and responses sent	10
MSGSRCVD	BINARY	CPSM	8	AVG	Number of message packets received	16
MSGSENT	BINARY	CPSM	8	AVG	Number of message packets sent	11
NAME-1	CHAR	CPSM	8	DIFF	MAS name	4
PLEXNAME	CHAR	CPSM	8	DIFF	Name of CICSplex which MAS belongs to	24
PROTOCOL	EYUDA	CPSM	4	LIKE	Link protocol	6
PROTOCOL Output valid values	LU62, MRO, ESSS					
RCVCLK	INTUSEC	CPSM	8	MAX	Total receive time for CICSplex SM service requests	23
SCHEDCLK	INTUSEC	CPSM	8	MAX	Total wait time for CICSplex SM service requests	20
SYSID	CHAR	CPSM	4	DIFF	MAS system ID	5
TBUFRCD	BINARY	CPSM	8	AVG	Number of transit buffers received	17
TBUFSNT	BINARY	CPSM	8	AVG	Number of transit buffers sent	12
TRANSCLK	INTUSEC	CPSM	8	MAX	Total transmit time for CICSplex SM service requests	21
UBYTRCVD	BINARY	CPSM	8	AVG	Number of bytes received (uncompressed)	18
UBYTSNT	BINARY	CPSM	8	AVG	Number of bytes sent (uncompressed)	13

## Chapter 41. CONINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a connection definition (CONNDEF) in a resource group (RESGROUP). A CONNDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is CONNGROUP.

The **Secondary** key field for this resource class is CONNNAME.

The **Tertiary** key field for this resource class is CONNVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6145

<i>Table 107. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 108. CONINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	CONINGRP_INV_DATA	Attribute data invalid
2	CONINGRP_REC_NOT_FOUND	Requested resource not found
4	CONINGRP_REC_EXISTS	Resource already exists
6	CONINGRP_INV_RESTYPE	Invalid resource type
7	CONINGRP_INV_VER	Invalid resource version
11	CONINGRP_NON_MP	Maintenance point CMAS not available

Table 108. CONINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	CONINGRP_INV_CONTEXT	Context not found
21	CONINGRP_INCONSISTENT_SET	Inconsistent set
22	CONINGRP_DIFF_VERSION	Different version
23	CONINGRP_INV_NAME	Invalid name
24	CONINGRP_INV_MINNAME	Invalid minor name

Table 109. CONINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
<b>CONNGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>CONNNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Connection definition name	6
<b>CONNVER-3</b>	BINARY	CPSM	1	Yes	AVG	Connection definition version	7
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9

## Chapter 42. CONNDEF Resource Table

A CICS Definition that describes an ISC or MRO connection between CICS and a remote system.

The **Primary** key field for this resource class is NAME. A connection name can be only 4 characters long. The remainder of the 8-character NAME field should be padded with blank spaces.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a Connection Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionISCMROConnection

### Length

408

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3800

<i>Table 110. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		REFASSIGN(value)	Yes
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Value	Code	Description
1	CONNDEF_INV_DATA	Attribute data invalid
2	CONNDEF_REC_NOT_FOUND	Requested resource not found
4	CONNDEF_REC_EXISTS	Resource already exists
5	CONNDEF_REC_CHANGED	Resource definition already changed
6	CONNDEF_INV_RESTYPE	Invalid resource type
7	CONNDEF_INV_VER	Invalid resource version
11	CONNDEF_NON_MP	Maintenance point CMAS not available
12	CONNDEF_INV_CONTEXT	Context not found
13	CONNDEF_INCONSISTENT_SET	Inconsistent set condition
14	CONNDEF_INV_RESGROUP	Resource group not found
21	CONNDEF_INV_ACTION	Invalid action
22	CONNDEF_INV_RECADDR	Invalid record address
23	CONNDEF_INV_RECLEN	Invalid record length
24	CONNDEF_DIFF_VERSION	Different version
25	CONNDEF_EARLY_NAMELIST_END	Early name list end
26	CONNDEF_INV_NAMELIST	Invalid name list
27	CONNDEF_INV_NAME	Invalid name
28	CONNDEF_INV_MINNAME	Invalid minor name

Table 111. CONNDEF FEEDBACK error codes (continued)

Value	Code	Description
29	CONNDEF_NOTIFY	Notify
30	CONNDEF_PARTIAL_INSTALL	Partial install
31	CONNDEF_NOTHING_INSTALLED	Nothing installed
32	CONNDEF_NO_TARGETS	No targets
33	CONNDEF_NO_RELATED	No related systems
34	CONNDEF_INV_TSCOPE	Invalid target scope
35	CONNDEF_INV_RSCOPE	Invalid related scope
36	CONNDEF_INV_USAGE	Invalid usage
37	CONNDEF_INV_MODE	Invalid mode
38	CONNDEF_INV_STATECHK	Invalid state check
39	CONNDEF_INV_FORCEINS	Invalid force install
40	CONNDEF_INV_NOTIFY	Invalid notify
41	CONNDEF_INV_OVERTYPE	Invalid over type
42	CONNDEF_INV_OVRBLOCK	Invalid override block
43	CONNDEF_INV_ORSTRING	Invalid override string
44	CONNDEF_INV_STRNGTERM	Invalid string terminator
45	CONNDEF_INV_EMBEDTERM	Invalid embedded terminator
46	CONNDEF_INV_ATTRIBUTE	Invalid attribute
47	CONNDEF_INV_LITERAL	Invalid literal
48	CONNDEF_INV_ORSTGNA	Invalid override string
49	CONNDEF_SCOPE_REQUIRED	Scope required
50	CONNDEF_USAGE_CONFLICT	Usage conflict
51	CONNDEF_REFASSGN_REQ	Referenced resource assignment required
52	CONNDEF_REFASSIGN_NOTFND	Referenced resource assignment not found
53	CONNDEF_SESS_NOTINSTL	Session not installed
54	CONNDEF_NODEFS_SELECTED	No definitions selected
55	CONNDEF_MORE_THAN_1_RELSYS	More than one related system
56	CONNDEF_MISSING_RELSYSID	Missing related system identifier
57	CONNDEF_SCOPE_CONFLICT	Scope conflict
58	CONNDEF_REFASSIGN_EMPTY	Referenced resource assignment empty
59	CONNDEF_INV_CSDGROUP	Invalid CSD group
60	CONNDEF_REC_NOT_REMOVED	Record not removed

Table 111. CONNDEF FEEDBACK error codes (continued)

Value	Code	Description
61	CONNDEF_INV_RESOURCE	Invalid resource
62	CONNDEF_INV_CICS_RESTYPE	Invalid CICS restype
63	CONNDEF_PARTIAL_ACTION	Partial action
64	CONNDEF_NOTHING_ACTIONED	Nothing actioned
65	CONNDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
66	CONNDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
67	CONNDEF_CSD_ERROR	CSD access error

Table 112. CONNDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
ACCESSMETHOD	CVDAS	CPSM	4	Yes	LIKE	Access method	VTAM			9
ACCESSMETHOD Input/output valid values	VTAM, IRC, INDIRECT, XM, NETBIOS, TCPIP									
ATTACHSEC	EYUDA	CPSM	4	Yes	LIKE	Level of attach-time security	LOCAL			10
ATTACHSEC Input/output valid values	LOCAL, IDENTIFY, MIXIDPE, PERSISTENT, VERIFY									
AUTOCONNECT	EYUDA	CPSM	4	Yes	LIKE	Autoconnect sessions for VTAM	NO			11
AUTOCONNECT Input/output valid values	NO, ALL, YES									
BINDPASSWORD	HIDCHAR	CPSM	16	No	DIFF	Bind password			E410 +	12
BINDSECURITY	EYUDA	CPSM	4	Yes	LIKE	Bind time security	NO			13
BINDSECURITY Input/output valid values	YES, NO									
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	50
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	52
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	51
CONNPRIORITY	CHAR	CPSM	4	No	DIFF	Connection priority	86	0-255	EALL	30
CONNTYPE	CVDAS	CPSM	4	Yes	LIKE	Nature of connection	NOTAPPLIC			14
CONNTYPE Input/output valid values	GENERIC, SPECIFIC, NOTAPPLIC, APPC, NETBIOS, TCPIP									
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				33
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	54
DATASTREAM	EYUDA	CPSM	4	Yes	LIKE	Data stream type	USER			15
DATASTREAM Input/output valid values	USER, LMS, SCS, STRFIELD, 3270									



Table 112. CONNDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		49
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				37
INDSYS	CHAR	CPSM	4	No	DIFF	Intermediate system name				16
INSERVICE	EYUDA	CPSM	4	Yes	LIKE	Connection status	YES			17
INSERVICE Input/output valid values	YES, NO									
LOCLHOSTNAME	CHAR	CPSM	40	No	DIFF	TCP/IP local host name			EALL	46
LUALIAS	CHAR	CPSM	8	No	DIFF	Local logical unit alias name			EALL	31
MAXQTIME	CHAR	CPSM	8	No	DIFF	Maximum queue time	NO	0-9999		18
MAXQTIME Input/output valid values	NO									
MODENAME	CHAR	CPSM	8	No	DIFF	Communication mode name			EALL	43
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				7
NETBIOSADAPT	CHAR	CPSM	1	No	DIFF	NETBIOS logical LAN adapter		0-1	EALL	44
NETBIOSADAPT Input/output valid values	B									
NETNAME	CHAR	CPSM	8	No	DIFF	Network name				19
PARTCODEPAGE	CHAR	CPSM	6	No	DIFF	Partner code page	37	1-99999	EALL	42
PARTLUALIAS	CHAR	CPSM	8	No	DIFF	Partner logical unit alias name			EALL	32
PROTOCOL	CVDAS	CPSM	4	Yes	LIKE	Protocol	APPC			20
PROTOCOL Input/output valid values	APPC, EXCI, LU61, NOTAPPLIC, N_A									
PSRECOVERY	EYUDA	CPSM	4	Yes	LIKE	Persistent session recovery	SYSDEFAULT			21
PSRECOVERY Input/output valid values	NONE, SYSDEFAULT, N_A									
QUEUELIMIT	CHAR	CPSM	8	No	DIFF	Queue limit	NO	0-9999		22
QUEUELIMIT Input/output valid values	NO									
RECORDFORMAT	EYUDA	CPSM	4	Yes	LIKE	Record format	U			23
RECORDFORMAT Input/output valid values	U, VB									
REMOTENAME	CHAR	CPSM	4	No	DIFF	Connection name in remote system				24
REMOTESYSNET	CHAR	CPSM	8	No	DIFF	Net name of the owning TOR				25
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	Remote connection name				26
REMSYSAPPLID	CHAR	CPSM	8	No	DIFF	NETBIOS remote system application ID			EALL	45
REMTHOSTNAME	CHAR	CPSM	40	No	DIFF	TCP/IP remote host name			EALL	47
REMTHOSTPORT	CHAR	CPSM	6	No	DIFF	TCP/IP remote host port	1435	1-65535	EALL	48
REMTHOSTPORT Input/output valid values	*									

Table 112. CONNDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
SECURITYNAME	CHAR	CPSM	8	No	DIFF	Security name for remote system				27
SESSBUFFSIZE	CHAR	CPSM	6	No	DIFF	Maximum session buffer size	16384	512-40000	EALL	40
SESSCOUNT	CHAR	CPSM	2	No	DIFF	Number of concurrently active sessions	1	1-99	EALL	41
SINGLESESS	EYUDA	CPSM	4	Yes	LIKE	APPC terminal on single session APPC link	NO			28
SINGLESESS Input/output valid values	YES, NO, N_A									
USEDFLTUSER	EYUDA	CPSM	4	Yes	LIKE	Use default user ID	N_A			39
USEDFLTUSER Input/output valid values	NO, YES, N_A									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				34
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				35
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				36
XLNACTION	EYUDA	CPSM	4	Yes	LIKE	Exchange lognames (XLN) action	N_A			29
XLNACTION Input/output valid values	KEEP, FORCE, N_A									

---

## Chapter 43. CONNECT Resource Table

A CICS Resource that describes an ISC or MRO connection in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**ACQUIRE**

Acquire the connection.

**BACKOUT**

Back out shunted units of work associated with the connection.

**CANCEL**

Cancel the connection.

**COMMIT**

Commit shunted units of work associated with the connection.

**DISCARD**

Discard the connection.

**ENDAFFINITY**

End the connection's affinity with a VTAM® generic resource group.

**FORCE**

Force shunted units of work associated with the connection to commit or back out.

**FORCECANCEL**

Cancel all AIDs, including system AIDs, queuing for the connection.

**FORCEPURGE**

Force purge all transactions running on sessions on the connected system.

**INSERVICE**

Place the connection in service.

**KILL**

Kill all transactions running on sessions on the connected system.

**Note:** Kill can lead to unpredictable results and should be used only in exceptional circumstances.

**NORECOVDATA**

Override the normal resynchronization process.

**NOTPENDING**

Set the connection not pending.

**OUTSERVICE**

Place the connection out of service.

**PURGE**

Purge the connection.

**RELEASE**

Release the connection.

**RESYNC**

Resynchronize shunted units of work associated with the connection.

These actions require no unique parameter data.

Some of these actions may be valid only for particular types of CICS connections. Refer to the appropriate CICS documentation for details.

**Note:** The value returned by CICS conflicts with CVDA values in other CICS environments. In order to retain the attribute's uniqueness, CICSplex SM adds either 8000 or 9000 to the value returned by CICS. For more information about translating CVDA values, see [TRANSLATE command](#).

**External resource name**

CICISCMROConnection

**Length**

400

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0006

*Table 113. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A
	BACKOUT	None	N/A
	COMMIT	None	N/A
	RESYNC	None	N/A
	FORCE	None	N/A
	ACQUIRE	None	N/A
	INSERVICE	None	N/A
	NOTPENDING	None	N/A
	OUTSERVICE	None	N/A
	PURGE	None	N/A
	CANCEL	None	N/A
	RELEASE	None	N/A
	ENDAFFINITY	None	N/A
	NORECOVDATA	None	N/A
	FORCEPURGE	None	N/A

Table 113. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	KILL	None	N/A
	FORCECANCEL	None	N/A

Table 114. CONNECT resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			
ACCESSMETHOD	CVDAS	INQ	CONNECTION	ACCESSMETHOD	4	LIKE	No	Access method			4
ACCESSMETHOD Output valid values	VTAM, IRC, INDIRECT, XM, XCF, NETBIOS, TCPIP, NOTAPPLIC										
AIDHWM	BINARY	STAT	DFHA14DS	A14EAHWM	4	MAX	No	Peak automatic initiator descriptors (AIDs)		E640 E650 E660 E670 E680 E690 E700 E710	82
AIDS	BINARY	STAT	DFHA14DS	A14EALL	2	AVG	No	Number of automatic initiator descriptors (AIDs)		E720 +	13
AIDSF	BINARY	STAT	DFHA14DS	A14EALL	4	MAX	No	Number of automatic initiator descriptors (AIDs)		E640 E650 E660 E670	81
ALLOCATES	BINARY	STAT	DFHA14DS	A14ESTAS	4	AVG	No	Total number of allocate requests			22
ALLOCQLIMIT	CNUMERIC	STAT	DFHA14DS	A14EALIM	2	AVG	No	Allocate queue limit (QUEUELIMIT)			39
ATISBPRI	BINARY	STAT	DFHA14DS	A14ES1	4	AVG	No	Number of ATIs satisfied by primary sessions			19
ATISBSEC	BINARY	STAT	DFHA14DS	A14ES2	4	AVG	No	Number of ATIs satisfied by secondary sessions			20
AUTOSTATUS	CVDAS	INQ	CONNECTION	AUTOCONNECT	4	LIKE	No	Autoconnect option			6
AUTOSTATUS Output valid values	AUTOCONN, NONAUTOCONN, ALLCONN, NOTAPPLIC										
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	79
BIDSSSENT	BINARY	STAT	DFHA14DS	A14ESBID	4	AVG	No	Total number of bids sent			21
CHANGEAGENT	CVDAS	INQ	CONNECTION	CHANGEAGENT	4	LIKE	No	Last modification agent		E640 E650	70
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, AUTOINSTALL, CREATESPI, NOTAPPLIC, DYNAMIC										
CHANGEAGREL	CHAR	INQ	CONNECTION	CHANGEAGREL	4	DIF F	No	Last modification agent release		E640 E650	72
CHANGETIME	DATETIME	INQ	CONNECTION	CHANGETIME	8	MAX	No	Last modification time		E640 E650	73

Table 114. CONNECT resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
CHANGEUSRID	CHAR	INQ	CONNECTION	CHANGEUSRID	8	DIF F	No	Last modification user ID		E640 E650	71
CONCURBIDS	BINARY	STAT	DFHA14DS	A14EBID	2	AVG	No	Number of bids currently in progress			15
CONNCREATIME	TIMESTP	STAT	DFHA14DS	A14AICT	8	MAX	No	Local connection create time			51
CONNDELETIME	TIMESTP	STAT	DFHA14DS	A14AIDT	8	MAX	No	Local connection delete time			53
CONNSTATUS	CVDAS	INQ	CONNECTION	CONNSTATUS	4	LIK E	Yes	Connection status			5
CONNSTATUS Input/output valid values	RELEASED, ACQUIRED										
CONNSTATUS Output valid values	OBTAINING, FREEING, AVAILABLE, NOTAPPLIC										
CONNTYPE	CVDAS	INQ	CONNECTION	CONNTYPE	4	LIK E	No	External CICS interface type			35
CONNTYPE Output valid values	SPECIFIC, GENERIC, NOTAPPLIC										
DEFINESOURCE	CHAR	INQ	CONNECTION	DEFINESOURCE	8	DIF F	No	Source of the resource definition		E640 E650	74
DEFINETIME	DATETIME	INQ	CONNECTION	DEFINETIME	8	MAX	No	Creation time		E640 E650	75
DLIFUNCSHIP	BINARY	STAT	DFHA14DS	A14ESTDL	4	AVG	No	Number of DL/I function ships			30
DPLFUNCSHIP	BINARY	STAT	DFHA14DS	A14ESTPC	4	AVG	No	Number of Distributed Program Link function ships			58
ESTICCHNL	BINARY	STAT	DFHA14DS	A14ESTIC_CHANNEL	4	AVG	No	Interval Control FS start requests with channels			64
ESTICCHNRCVD	BINARY	STAT	DFHA14DS	A14ESTIC_CHANNEL_RCVD	8	AVG	No	Number of bytes received on START channel requests			66
ESTICCHNSENT	BINARY	STAT	DFHA14DS	A14ESTIC_CHANNEL_SENT	8	AVG	No	Number of bytes sent on START channel requests			65
ESTPCCHNL	BINARY	STAT	DFHA14DS	A14ESTPC_CHANNEL	4	AVG	No	Program Control FS LINK requests with channels			61
ESTPCCHNRCVD	BINARY	STAT	DFHA14DS	A14ESTPC_CHANNEL_RCVD	8	AVG	No	Bytes received on LINK channel requests			63
ESTPCCHNSENT	BINARY	STAT	DFHA14DS	A14ESTPC_CHANNEL_SENT	8	AVG	No	Bytes sent on LINK channel requests			62
ESTTCCHNL	BINARY	STAT	DFHA14DS	A14ESTTC_CHANNEL	4	AVG	No	Number of terminal sharing channel requests			67
ESTTCCHNRCVD	BINARY	STAT	DFHA14DS	A14ESTTC_CHANNEL_RCVD	8	AVG	No	Bytes received on terminal sharing channel requests			69
ESTTCCHNSENT	BINARY	STAT	DFHA14DS	A14ESTTC_CHANNEL_SENT	8	AVG	No	Bytes sent on terminal sharing channel requests			68
EXITTRACING	CVDAS	INQ	CONNECTION	EXITTRACING	4	LIK E	Yes	Exit Tracing status			7
EXITTRACING Input/output valid values	EXITTRACE, NOEXITTRACE										

Table 114. CONNECT resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
EXITTRACING Output valid values	NOTAPPLIC										
EXIT_REJALLC	BINARY	STAT	DFHA14DS	A14EALRJ	4	AVG	No	Allocates rejected because QUEUELIMIT reached			34
FAILEDOTHERS	BINARY	STAT	DFHA14DS	A14ESTAO	4	AVG	No	Number of allocate requests with other failure			25
FAILINKALLOC	BINARY	STAT	DFHA14DS	A14ESTAF	4	AVG	No	Number of allocate requests with link failure			24
FCFUNCSHIP	BINARY	STAT	DFHA14DS	A14ESTFC	4	AVG	No	Number of File Control function ships			26
GMTCREATIME	TIMESTP	STAT	DFHA14DS	A14GACT	8	MAX	No	GMT connection create time			50
GMTDELETIME	TIMESTP	STAT	DFHA14DS	A14GADT	8	MAX	No	GMT connection delete time			52
GRNAME	CHAR	INQ	CONNECTION	GRNAME	8	DIF F	No	APPC generic resource			56
ICFUNCSHIP	BINARY	STAT	DFHA14DS	A14ESTIC	4	AVG	No	Number of Interval Control function ships			27
INSTALLAGENT	CVDAS	INQ	CONNECTION	INSTALLAGENT	4	LIK E	No	Installation agent		E640 E650	78
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, AUTOINSTALL, GRPLIST, DYNAMIC										
INSTALLTIME	DATETIME	INQ	CONNECTION	INSTALLTIME	8	MAX	No	Installation time		E640 E650	77
INSTALLUSRID	CHAR	INQ	CONNECTION	INSTALLUSRID	8	DIF F	No	Installation user ID		E640 E650	76
LINKSYSTEM	CHAR	INQ	CONNECTION	LINKSYSTEM	4	DIF F	No	Name of real link towards TOR			49
MAXBIDS	BINARY	STAT	DFHA14DS	A14EBHWM	2	AVG	No	Maximum number of concurrent bids			17
MAXPRIMARIES	BINARY	STAT	DFHA14DS	A14E1HWM	2	AVG	No	Peak number of primary sessions in use			32
MAXQTALLCPRG	BINARY	STAT	DFHA14DS	A14EMQPC	2	AVG	No	Number of allocates purged when MAXQTIME exceeded			43
MAXQTIME	CNUMERIC	STAT	DFHA14DS	A14EMXQT	2	AVG	No	Maximum queue time			38
MAXQTPURGCNT	BINARY	STAT	DFHA14DS	A14EQPCT	2	AVG	No	Number of allocates purged due to MAXQTIME value			33
MAXSECOND	BINARY	STAT	DFHA14DS	A14E2HWM	2	AVG	No	Peak number of secondaries in use at one time			16
MEMBERNAME	CHAR	INQ	CONNECTION	MEMBERNAME	8	DIF F	No	Member name of connected LU			57
NAME-1	CHAR	INQ	CONNECTION	CONNECTION	4	DIF F	No	Connection ID			1
NETNAME	CHAR	INQ	CONNECTION	NETNAME	8	DIF F	No	Net name			8
NONSPECAIDS	BINARY	STAT	DFHA14DS	A14ESALL	2	AVG	No	Number of AIDs waiting for a session			14
NQNAME	CHAR	INQ			17	DIF F	No	Network qualified name			59

Table 114. CONNECT resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
OUTSALLOC	BINARY	STAT	DFHA14DS	A14ESTAM	2	AVG	No	Peak number of outstanding allocate requests			18
PENDSTATUS	CVDAS	INQ	CONNECTION	PENDSTATUS	4	LIKE	Yes	Pending status			10
PENDSTATUS Input/output valid values	NOTPENDING										
PENDSTATUS Output valid values	PENDING, NOTAPPLIC										
PRICURRUSED	BINARY	STAT	DFHA14DS	A14E1RY	2	AVG	No	Number of primaries currently in use			54
PROTOCOL	CVDAS	INQ	CONNECTION	PROTOCOL	4	LIKE	No	Connection protocol			2
PROTOCOL Output valid values	EXCI, LU61, APPC, NOTAPPLIC										
QUEDALLOCATE	BINARY	STAT	DFHA14DS	A14ESTAQ	4	AVG	No	Number of queued allocate requests			23
RECEIVECOUNT	CNUMERIC	INQ	CONNECTION	RECEIVECOUNT	4	AVG	No	Number of defined receive sessions			36
RECOVSTATUS	CVDAS	INQ	CONNECTION	RECOVSTATUS	4	LIKE	Yes	Recovery status			45
RECOVSTATUS Input/output valid values	NORECOVDATA										
RECOVSTATUS Output valid values	RECOVDATA, NRS, NOTAPPLIC										
REMOTENAME	CHAR	INQ	CONNECTION	REMOTENAME	4	DIFF	No	Connection name in remote system			48
REMOTESYSNET	CHAR	INQ	CONNECTION	REMOTESYSNET	8	DIFF	No	Net name of the owning TOR			47
REMOTESYSTEM	CHAR	INQ	CONNECTION	REMOTESYSTEM	4	DIFF	No	Remote connection name			46
SECCURRUSED	BINARY	STAT	DFHA14DS	A14E2RY	2	AVG	No	Number of secondaries currently in use			55
SENDCOUNT	CNUMERIC	INQ	CONNECTION	SENDCOUNT	4	AVG	No	Number of defined send sessions			37
SERVSTATUS	CVDAS	INQ	CONNECTION	SERVSTATUS	4	LIKE	Yes	Service status			9
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE										
SERVSTATUS Output valid values	GOINGOUT, NOTAPPLIC										
TDFUNCSHIP	BINARY	STAT	DFHA14DS	A14ESTTD	4	AVG	No	Number of Transient Data function ships			28
TERMSHAREREQ	BINARY	STAT	DFHA14DS	A14ESTTC	4	AVG	No	Number of terminal sharing requests			31
TSFUNCSHIP	BINARY	STAT	DFHA14DS	A14ESTTS	4	AVG	No	Number of Temporary Storage function ships			29
TYPE	EYUDA	CPSM			4	LIKE	No	Connection type			3
TYPE Output valid values	LU61, LU62, INDIRECT, MRO, NETBIOS, TCPIP, NOTAPPLIC										
XLNSTATUS	CVDAS	INQ	CONNECTION	XLNSTATUS	4	LIKE	No	Exchange lognames (XLN) status			11



Table 114. CONNECT resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
XLNSTATUS Output valid values	XOK, XNOTDONE, NOTAPPLIC										
XZIQALLCPRG	BINARY	STAT	DFHA14DS	A14EZQPC	2	AVG	No	Number of allocates purged by XZIQUE exit			42
XZIQPRGCNT	BINARY	STAT	DFHA14DS	A14EZQPU	2	AVG	No	Number of queue purges requested by XZIQUE exit			41
XZIQREJS	BINARY	STAT	DFHA14DS	A14EZQRJ	4	AVG	No	Number of allocates rejected by XZIQUE exit			40
ZCPTRACING	CVDAS	INQ	CONNECTION	ZCPTRACING	4	LIKE	Yes	ZCP tracing			12
ZCPTRACING Input/output valid values	ZCPTRACE, NOZCPTRACE										
ZCPTRACING Output valid values	NOTAPPLIC										



---

## Chapter 44. CPLEXDEF Resource Table

A CPSM Communications Definition that describes a CICSplex. CPLEXDEF instances can be accessed only when you are connected to the CMAS that is the CICSplex Maintenance Point.

The **Primary** key field for this resource class is CICSplex.

**Note:** The value for the DAYLIGHTSV attribute in the CPLEXDEF definition is stored for documentation purposes, but it is not used in time zone calculations.

The following actions are supported:

### ASSIGN

Assign CMAS to manage CICSplex.

The parameter data for the ASSIGN action is:

```
PARM('CICSplex(plex) CMAS(cmas).')  
  
where:  
  
plex = (Required) Name of a CICSplex to which the CMAS  
        is assigned.  
cmas = (Required) Name of a CMAS.
```

### UNASSIGN

Unassign CMAS from CICSplex management role.

The parameter data for the UNASSIGN action is:

```
PARM('CICSplex(plex) CMAS(cmas) [FORCE].')  
  
where:  
  
plex = (Required) Name of a CICSplex from which the CMAS  
        is unassigned.  
cmas = (Required) Name of a CMAS.
```

### External resource name

CICSCICSplexDefinition

### Length

152

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

Yes

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Definition

### Copybook identifier

EYUt2736

<i>Table 115. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		CICSplex(value)	No
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ASSIGN	CICSplex(value)	No
		CMAS(value)	Yes
	UNASSIGN	CICSplex(value)	No
		CMAS(value)	Yes
		FORCE	No

<i>Table 116. CPLEXDEF FEEDBACK error codes</i>		
<b>Value</b>	<b>Code</b>	<b>Description</b>
1	CPLEXDEF_INV_DATA	Attribute data invalid
2	CPLEXDEF_REC_NOT_FOUND	Requested resource not found
4	CPLEXDEF_REC_EXISTS	Resource already exists
5	CPLEXDEF_REC_CHANGED	Resource definition already changed
8	CPLEXDEF_REPOSITORY_FAILURE	Error in data repository
21	CPLEXDEF_REMOTE_METH_FAIL	Attempt to run program in remote system failed
22	CPLEXDEF_REM_EYUDREP_CORRUPT	Error updating remote data repository
23	CPLEXDEF_DIRECTORY_ERROR	Directory error
24	CPLEXDEF_ALL_COUNTS_ZERO	All counts zero
25	CPLEXDEF_DELETE_PENDING	CICSplex delete pending
26	CPLEXDEF_MAS_ACTIVE	MAS active
27	CPLEXDEF_LCL_EYUDREP_CORRUPT	Error updating local data repository
28	CPLEXDEF_INV_CMASNAME	Invalid CMAS name
29	CPLEXDEF_CMAS_IS_MP	CMAS is maintenance point
30	CPLEXDEF_DELETING_MP	Removing maintenance point
31	CPLEXDEF_DEL_PENDING	Removal pending
32	CPLEXDEF_CMAS_LEVEL	CMAS at higher level
33	CPLEXDEF_LCL_EYUDREP_FAILURE	Error in local repository
34	CPLEXDEF_LCL_REP_INV_LENGTH	Record length error in local repository

Table 117. CPLEXDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
BOTRSUPD	BINARY	CPSM	1	Yes	DIFF	RS server bottom tier	1	1-25	38
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			32
CHANGEAGENT Input/output valid values	DREPAPI, DREPBATCH								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			35
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			34
<b>CICSplex-1</b>	CHAR	CPSM	8	Yes	DIFF	CICSplex name			5
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			33
DAYLGHTSV	EYUDA	CPSM	4	Yes	LIKE	Daylight saving time	NO		17
DAYLGHTSV Input/output valid values	YES, NO								
DESC	CHAR	CPSM	58	No	DIFF	Description			8
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	28
INTVL	BINARY	CPSM	2	Yes	AVG	Monitor interval (minutes)	480	15-1440	9
READRS	BINARY	CPSM	2	Yes	DIFF	RS server read interval	200	0-2000	30
RODMPOP	EYUDA	CPSM	4	Yes	LIKE	Resource status facility population	NO		27
RODMPOP Input/output valid values	YES, NO								
RSPOLID	CHAR	CPSM	8	Yes	DIFF	RS server pool name	DFHRSTAT		39
SECBPASS	EYUDA	CPSM	4	Yes	LIKE	Security checking exemption	NO		10
SECBPASS Input/output valid values	YES, NO								
SECCMDCHK	EYUDA	CPSM	4	Yes	LIKE	Simulated CICS-command security checking	NO		6
SECCMDCHK Input/output valid values	YES, NO								
SECRESCHK	EYUDA	CPSM	4	Yes	LIKE	Simulated CICS-resource security checking	NO		7
SECRESCHK Input/output valid values	YES, NO								
STATE	EYUDA	CPSM	4	No	DIFF	State of CICSplex			29
STATE Input/output valid values	ACTIVE, PENDING, RECREATED								
STATUS	BINARY	CPSM	1	Yes	AVG	Status of attempt to delete CICSplex			13
STATUS Input/output valid values	1 (ACTIVE) - CICSplex Active, 2 (DELPEND) - Removal pending, 3 (UNDELETE) - Definition re-created								
TMEZONE	CHAR	CPSM	1	Yes	DIFF	Time zone	B		15
TMEZONEO	BINARY	CPSM	1	Yes	AVG	Time zone offset	0	1-59	14
TOPRSUPD	BINARY	CPSM	1	Yes	DIFF	RS server top tier	5	1-25	37
UPDATERS	BINARY	CPSM	1	Yes	DIFF	RS server update frequency	15	0-25	31



## Chapter 45. CPLXCMAS Resource Table

A CPSM Communications Definition that provides information about CMASs associated with a CICSplex. CPLXCMAS instances can be accessed only when you are connected to the local CMAS that is the CICSplex Maintenance Point.

The **Primary** key field for this resource class is CMASNAME.

The **Secondary** key field for this resource class is CICSplex.

The following actions are supported:

### UNASSIGN

Unassign CMAS from CICSplex management role.

The parameter data for the UNASSIGN action is:

```
PARM(' [FORCE] .')
```

Specify FORCE to unassign the CMAS from the CICSplex management role when the CMAS is inaccessible.

### External resource name

CICSCMASInCICSplex

### Length

120

### Usage

API or WUI or CICS Management Client Interface

### API view

No

### CMAS context

Yes

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Definition

### Copybook identifier

EYUt2737

Table 118. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	UNASSIGN	FORCE	No

Table 119. CPLXCMAS FEEDBACK error codes		
Value	Code	Description
1	CPLXCMAS_INV_DATA	Attribute data invalid

Table 119. CPLXCMAS FEEDBACK error codes (continued)

Value	Code	Description
2	CPLXCMAS_REC_NOT_FOUND	Requested resource not found
8	CPLXCMAS_LCL_REP_INV_LENGTH	Record length error in local repository
21	CPLXCMAS_REMOTE_METH_FAIL	Attempt to run program in remote system failed
22	CPLXCMAS_REM_EYUDREP_CORRUPT	Error updating remote data repository
26	CPLXCMAS_MAS_ACTIVE	MAS active
27	CPLXCMAS_LCL_EYUDREP_CORRUPT	Error updating local data repository
28	CPLXCMAS_INV_CMASNAME	Invalid CMAS name
30	CPLXCMAS_DELETING_MP	Unassign not valid for MP CMAS

Table 120. CPLXCMAS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
BOTRSUPD	BINARY	CPSM	1	Yes	DIFF	RS server bottom tier	1	1-25	46
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			40
CHANGEAGENT Input/output valid values	DREPAPI, DREPBATCH								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			43
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			42
<b>CICSplex-2</b>	CHAR	CPSM	8	Yes	DIFF	CICSplex			6
<b>CMASNAME-1</b>	CHAR	CPSM	8	Yes	DIFF	CMAS			5
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			41
DAYLGHTSV	EYUDA	CPSM	4	Yes	LIKE	Daylight saving time in effect			23
DAYLGHTSV Input/output valid values	YES, NO								
INTERVAL	BINARY	CPSM	2	Yes	AVG	Performance data interval			7
MPNAME	CHAR	CPSM	8	Yes	DIFF	Maintenance point CMAS			19
MPSTATUS	EYUDA	CPSM	4	Yes	LIKE	CMAS maintenance point status			37
MPSTATUS Output valid values	YES, NO								
READRS	BINARY	CPSM	2	Yes	DIFF	RS server read interval	200	0-2000	38
RODMPOP	EYUDA	CPSM	4	Yes	LIKE	Resource status facility populate indicator			34
RODMPOP Input/output valid values	YES, NO								
RSPOLID	CHAR	CPSM	8	Yes	DIFF	RS server pool name	DFHRSTAT		47
SECBYPASS	EYUDA	CPSM	4	Yes	LIKE	Bypass security			14
SECBYPASS Input/output valid values	YES, NO								
SECCMDCHK	EYUDA	CPSM	4	Yes	LIKE	Security command check			11
SECCMDCHK Input/output valid values	YES, NO								



Table 120. CPLXCMAS resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
SECRESCHK	EYUDA	CPSM	4	Yes	LIKE	Security resource check			12
SECRESCHK Input/output valid values	YES, NO								
STATE	EYUDA	CPSM	4	Yes	LIKE	State			36
STATE Output valid values	NORMAL, REMOVING, CREATING								
STATUS	BINARY	CPSM	1	Yes	MIN	Status			17
STATUS Input/output valid values	1 (CREPEND) - Create pending, 2 (ACTIVE) - CICSplex Active, 3 (UPDPEND) - Updates pending, 4 (DELPEND) - Removal pending, 5 (UNDELETE) - Recreated								
SYSID	CHAR	CPSM	4	Yes	DIFF	CMAS system ID			16
TMEZONE	CHAR	CPSM	1	Yes	DIFF	Time zone			21
TMEZONEO	BINARY	CPSM	1	Yes	AVG	Time zone offset			20
TOPRSUPD	BINARY	CPSM	1	Yes	DIFF	RS server top tier	5	1-25	45
UPDATERS	BINARY	CPSM	1	No	DIFF	RS server update frequency	15	0-25	39



## Chapter 46. CRESAIMD Resource Table

A CPSM Topology Manager object that describes an instance of an autoinstalled terminal model within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided,

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyAutoInstallModel

**Length**

32

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2813

Table 121. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 122. CRESAIMD resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted					
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Autoinstall model	4



# Chapter 47. CRESATOM Resource Table

A CPSM Topology Manager object that describes an instance of an Atom service, feed, collection, or category document definition within a CICS system.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyAtomService

**Length**

32

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2842

*Table 123. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A

*Table 124. CRESATOM resource table attributes*

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Enable status	6
ENABLESTATUS Input/output valid values	ENABLED, DISABLED						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	No	ATOMSERVICE name	4



# Chapter 48. CRESBUND Resource Table

A CPSM Topology Manager object that describes an instance of a bundle definition in a CICS system.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyBundle

**Length**

120

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2843

*Table 125. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A

*Table 126. CRESBUND resource table attributes*

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
BUNDLEID	CHAR	INQ	64	DIFF	No	Bundle ID	9
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Enable status	6
ENABLESTATUS Input/output valid values	ENABLED, DISABLED, ENABLING, DISABLING, DISCARDING						
MAJORVERSION	BINARY	INQ	4	MAX	No	Major Version	10
MGMTPART	CHAR	CPSM	8	DIFF	No	Management Part	13
MICROVERSION	BINARY	INQ	4	MAX	No	Micro Version	12
MINORVERSION	BINARY	INQ	4	MAX	No	Minor Version	11
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						

Table 126. CRESBUND resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
NAME-1	CHAR	CPSM	8	DIFF	No	BUNDLE name	4
PARTCOUNT	BINARY	INQ	4	SUM	No	Part count	8



## Chapter 49. CRESCONN Resource Table

A CPSM Topology Manager object that describes an instance of an ISC connection within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

### External resource name

CICSTopologyISCMROConnection

### Length

48

### Usage

API or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt2803

Table 127. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 128. CRESCONN resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
CONNSTATUS	CVDAS	INQ	4	LIKE	Connection status	8
CONNSTATUS Output valid values	RELEASED, OBTAINING, ACQUIRED, FREEING, AVAILABLE, NOTAPPLIC					
CTYPE	EYUDA	CPSM	4	LIKE	Connection type	4
CTYPE Output valid values	LU61, LU62, MRO, INDIRECT, EXCI					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	7
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-1</b>	CHAR	CPSM	4	DIFF	Connection	5
NETNAME	CHAR	INQ	8	DIFF	Net name of remote system	6

Table 128. CRESCONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
SERVSTATUS	CVDAS	INQ	4	LIKE	Service status	9
SERVSTATUS Output valid values	INSERVICE, OUTSERVICE, GOINGOUT					

## Chapter 50. CRESDB2C Resource Table

A CPSM Topology Manager object that describes an instance of a DB2® connection within a CICS system.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyDb2Connection

**Length**

32

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2826

*Table 129. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A

*Table 130. CRESDB2C resource table attributes*

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	DB2 connection	4



# Chapter 51. CRESDB2E Resource Table

A CPSM Topology Manager object that describes an instance of a DB2 entry within a CICS system.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyDb2Entry

**Length**

32

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2827

Table 131. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 132. CRESDB2E resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
NAME-1	CHAR	CPSM	8	DIFF	DB2 entry	4



## Chapter 52. CRESDB2P Resource Table

A CPSM Topology Manager object that describes an instance of a DB2 packageset within a CICS system.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is APPLTOKEN.

The **Tertiary** key field for this resource class is PLATTOKEN.

There are no object specific actions for this resource class.

### External resource name

CICSTopologyDb2Packageset

### Length

168

### Usage

API or CICS Management Client Interface or EVALDEF

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt2856

Table 133. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 134. CRESDB2P resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
<b>APPLTOKEN-2</b>	HEX	CPSM	8	MAX	Application Qualifier Token	5
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	7
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-1</b>	CHAR	CPSM	128	DIFF	DB2 Packageset	4
<b>PLATTOKEN-3</b>	HEX	CPSM	8	MAX	Platform Qualifier Token	6





## Chapter 53. CRESDB2T Resource Table

A CPSM Topology Manager object that describes an instance of a DB2 transaction within a CICS system.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyDb2Transaction

**Length**

32

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2828

<i>Table 135. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A

<i>Table 136. CRESDB2T resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	DB2 transaction	4



## Chapter 54. CRESDOCT Resource Table

A CPSM Topology Manager object that describes an instance of a Document Template within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

### External resource name

CICSTopologyDocumentTemplate

### Length

32

### Usage

API or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt2834

Table 137. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 138. CRESDOCT resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Document template	4



## Chapter 55. CRESDSNM Resource Table

A CPSM Topology Manager object that describes an instance of a data set within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyDataSet

**Length**

80

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2819

*Table 139. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A

*Table 140. CRESDSNM resource table attributes*

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
BACKOUTSTAT	CVDAS	INQ	4	LIKE	Backout status	E510+	7
BACKOUTSTAT Output valid values	NORMALBKOUT, FAILEDBKOUT, FAILINGBKOUT, N_A						
DTYPE	CVDAS	CPSM	4	LIKE	Data set type		4
DTYPE Output valid values	VSAM, BDAM						
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status		6
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
<b>NAME-1</b>	CHAR	CPSM	44	DIFF	Data set		5
VALIDITY	CVDAS	INQ	4	LIKE	Validity status		8

Table 140. CRESDSNM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
VALIDITY Output valid values	VALID, INVALID						

## Chapter 56. CRESENQM Resource Table

A CPSM Topology Manager object that describes an instance of an ENQ/DEQ model within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyEnqueueModel

**Length**

32

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2830

Table 141. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 142. CRESENQM resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
NAME-1	CHAR	CPSM	8	DIFF	Enqueue model	4





## Chapter 57. CRESEPAD Resource Table

A CPSM Topology Manager object that describes an instance of an event processing adapter.

The **Primary** key field for this resource class is NAME.

This resource class has no object specific actions.

**External resource name**

CICSTopologyEPAdapter

**Length**

56

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2849

*Table 143. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A

*Table 144. CRESEPAD resource table attributes*

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status	6
ENABLESTATUS Output valid values	ENABLED, DISABLED					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-1</b>	CHAR	CPSM	32	DIFF	EP adapter	4



## Chapter 58. CRESEPAS Resource Table

A CPSM Topology Manager object that describes an instance of an event processing adapter set.

The **Primary** key field for this resource class is NAME.

This resource class has no object specific actions.

**External resource name**

CICSTopologyEPAdapterSet

**Length**

56

**Usage**

API or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2855

*Table 145. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A

*Table 146. CRESEPAS resource table attributes*

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status	6
ENABLESTATUS Output valid values	ENABLED, DISABLED					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-1</b>	CHAR	CPSM	32	DIFF	EP adapter set	4



## Chapter 59. CRESEVBD Resource Table

A CPSM Topology Manager object that describes an instance of an event binding in a CICS system.

The **Primary** key field for this resource class is NAME.

This resource class has no object specific actions.

**External resource name**

CICSTopologyEventBinding

**Length**

56

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2844

*Table 147. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A

*Table 148. CRESEVBD resource table attributes*

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status	6
ENABLESTATUS Input/output valid values	ENABLED, DISABLED					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-1</b>	CHAR	CPSM	32	DIFF	Event binding name	4



## Chapter 60. CRESEVCS Resource Table

A CPSM Topology Manager object that describes an instance of a capture specification in a CICS system.

The **Primary** key field for this resource class is EVENTBINDING.

The **Secondary** key field for this resource class is NAME.

This resource class has no object specific actions.

### External resource name

CICSTopologyCaptureSpecification

### Length

88

### Usage

API or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt2847

Table 149. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 150. CRESEVCS resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
<b>EVENTBINDING-1</b>	CHAR	CPSM	32	DIFF	Event binding name	4
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	6
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-2</b>	CHAR	CPSM	32	DIFF	Event processing capture specification name	5





# Chapter 61. CRESFECO Resource Table

A CPSM Topology Manager object that describes an instance of a FEPI connection within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyFEPIConnection

**Length**

48

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2820

Table 151. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 152. CRESFECO resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ACQSTATUS	CVDAS	INQ	4	LIKE	Acquired status	6
ACQSTATUS Output valid values	RELEASED, RELEASING, ACQUIRED, ACQUIRING					
MONSTAT	BIT	CPSM	1	LIKE	FEPI connection monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-1</b>	CHAR	CPSM	16	DIFF	Target and node names of connection	4
SERVSTATUS	CVDAS	INQ	4	LIKE	Service status	7
SERVSTATUS Output valid values	INSERVICE, OUTSERVICE, GOINGOUT					



## Chapter 62. CRESFEND Resource Table

A CPSM Topology Manager object that describes an instance of a FEPI node within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyFEPINode

**Length**

32

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2814

Table 153. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 154. CRESFEND resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted					
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	FEPI node	4



## Chapter 63. CRESFEPO Resource Table

A CPSM Topology Manager object that describes an instance of a FEPI pool within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyFEPIPool

**Length**

32

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2815

Table 155. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 156. CRESFEPO resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted					
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	FEPI pool	4



## Chapter 64. CRESFETR Resource Table

A CPSM Topology Manager object that describes an instance of a FEPI target within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyFEPITarget

**Length**

32

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2816

Table 157. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 158. CRESFETR resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted					
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	FEPI target	4





## Chapter 65. CRESFILE Resource Table

A CPSM Topology Manager object that describes an instance of a file within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyFile

**Length**

96

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2801

*Table 159. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A

*Table 160. CRESFILE resource table attributes*

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
DSNAME	CHAR	CPSM	44	DIFF	Data set name	11
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status	9
ENABLESTATUS Output valid values	ENABLED, DISABLED, UNENABLED, DISABLING, UNENABLING					
FTYPE	EYUDA	CPSM	4	LIKE	File type	4
FTYPE Output valid values	LFILE, RFILE, CTABL, UTABL, CFTBL					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	8
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	File	5

Table 160. CRESFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
OPENSTATUS	CVDAS	INQ	4	LIKE	Open status	10
OPENSTATUS Output valid values	OPEN, OPENING, CLOSED, CLOSING, CLOSEREQUEST					
REMOTENAME	CHAR	CPSM	8	DIFF	File name on remote system	6
REMOTESYSTEM	CHAR	CPSM	4	DIFF	Remote system ID	7

## Chapter 66. CRESGLUE Resource Table

A CPSM Topology Manager object that describes an instance of a global user exit within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is EXITNAME.

There are no object specific actions for this resource class.

### External resource name

CICSTopologyGlobalUserExit

### Length

40

### Usage

API or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt2821

Operations	Actions	Parameters	Required
GET		None	N/A

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
<b>EXITNAME-2</b>	CHAR	CPSM	8	DIFF	Exit point name	5
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	6
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Global user exit program	4
STARTSTATUS	CVDAS	INQ	4	LIKE	Start status	7
STARTSTATUS Output valid values	STARTED, STOPPED					



## Chapter 67. CRESIPCN Resource Table

The CRESIPCN views display information about an instance of an IPIC connection (IPCONN) within a CICS system.

The **Primary** key field for this resource class is NAME. Note that a connection name can be only 4 characters long. The remainder of the 8-character NAME field should be padded with blank spaces.

The following actions are supported:

### GET

Get data for the named IPCONN.

### External resource name

CICSTopologyIPICConnection

### Length

48

### Usage

API or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt2835

Operations	Actions	Parameters	Required
GET		None	N/A

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
CONNSTATUS	CVDAS	INQ	4	LIKE	Connection status	8
CONNSTATUS Output valid values	RELEASED, OBTAINING, ACQUIRED, FREEING, AVAILABLE, NOTAPPLIC					
CTYPE	EYUDA	INQ	4	LIKE	Connection type	4
CTYPE Output valid values	IPIC					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	7
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					

Table 164. CRESIPCN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
NAME-1	CHAR	CPSM	8	DIFF	Connection name	5
NETNAME	CHAR	INQ	8	DIFF	Net name of remote system	6
SERVSTATUS	CVDAS	INQ	4	LIKE	Service status	9
SERVSTATUS Output valid values	INSERVICE, OUTSERVICE, GOINGOUT					

## Chapter 68. CRESJRNL Resource Table

A CPSM Topology Manager object that describes an instance of a journal within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

**Length**

32

**Usage**

API or WUI

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2804

Table 165. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 166. CRESJRNL resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
JTYPE	CVDAS	CPSM	4	LIKE	Journal type	4
JTYPE Output valid values	DISK1, DISK2, DISK2PAUSE, SMF, TAPE1, TAPE2					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	6
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-1</b>	BINARY	CPSM	2	AVG	Journal	5
OPENSTATUS	CVDAS	INQ	4	LIKE	Open status	7
OPENSTATUS Output valid values	OPENOUTPUT, CLOSED					





## Chapter 69. CRESJRNM Resource Table

A CPSM Topology Manager object that describes an instance of a journal name within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyJournalName

**Length**

40

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2825

Table 167. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 168. CRESJRNM resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
JNTYPE	CVDAS	CPSM	4	LIKE	Journal type	4
JNTYPE Output valid values	MVS, SMF, DUMMY					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	6
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Journal	5
STATUS	CVDAS	CPSM	4	LIKE	Journal status	7
STATUS Output valid values	ENABLED, DISABLED, FAILED					



# Chapter 70. CRESJVMS Resource Table

A CPSM Topology Manager object that describes an instance of a JVMSERVER definition in a CICS system.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyJVMServer

**Length**

32

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2846

*Table 169. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A

*Table 170. CRESJVMS resource table attributes*

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ENABLESTATUS	CVDAS	CPSM	4	LIKE	Enable status	7
ENABLESTATUS Input/output valid values	ENABLED, DISABLED					
ENABLESTATUS Output valid values	ENABLING, DISABLING, DISCARDING					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	JVM server name	4



# Chapter 71. CRESLIBR Resource Table

A CPSM Topology Manager object that describes an instance of a LIBRARY definition in a CICS system.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is APPLTOKEN.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyLibrary

**Length**

48

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2836

*Table 171. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A

*Table 172. CRESLIBR resource table attributes*

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIFF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved		
APPLTOKEN	BINARY	CPSM	8	MAX	No	Application Qualifier Token	E640 E650 E660 E670 E680	8
CRITSTATUS	CVDAS	INQ	4	LIKE	Yes	Critical status		6
CRITSTATUS Input/output valid values	CRITICAL, NONCRITICAL							
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Enable status		7
ENABLESTATUS Input/output valid values	DISABLED, ENABLED, DISABLING, ENABLING, DISCARDING							

Table 172. CRESLIBR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status		5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active							
NAME-1	CHAR	CPSM	8	DIFF	No	LIBRARY name		4

## Chapter 72. CRESMODE Resource Table

A CPSM Topology Manager object that describes an instance of an LU6.2 modename within a CICS System. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is CONNNAME.

There are no object specific actions for this resource class.

### External resource name

CICSTopologyLU62ModeName

### Length

40

### Usage

API or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt2807

*Table 173. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A

*Table 174. CRESMODE resource table attributes*

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
<b>CONNNAME-2</b>	CHAR	CPSM	4	DIFF	Connection	6
CONNSTATUS	CVDAS	INQ	4	LIKE	Connection status	7
CONNSTATUS Output valid values	RELEASED, OBTAINING, ACQUIRED, FREEING, AVAILABLE, CLOSED					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Mode name	4





## Chapter 73. CRESMQMN Resource Table

A CPSM Topology Manager object that describes an instance of a MQMONITOR definition in a CICS system.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyMQmonitor

**Length**

32

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2857

<i>Table 175. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A

<i>Table 176. CRESMQMN resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	MQMONITOR entry	4



## Chapter 74. CRESNODJ Resource Table

A CPSM Topology Manager object that describes an instance of a NODEJSAPP definition in a CICS system.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyNodeJSApp

**Length**

56

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2858

*Table 177. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A

*Table 178. CRESNODJ resource table attributes*

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status	6
ENABLESTATUS Input/output valid values	ENABLED, DISABLED, FAILED					
ENABLESTATUS Output valid values	ENABLING, DISABLING					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
NAME-1	CHAR	CPSM	32	DIFF	Node.js Application name	4



## Chapter 75. CRESPART Resource Table

A CPSM Topology Manager object that describes an instance of a partner table within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyPartner

**Length**

32

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2817

Table 179. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 180. CRESPART resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted					
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Partner	4



## Chapter 76. CRESPIPE Resource Table

A CPSM Topology Manager object that describes an instance of a PIPELINE definition in a CICS system.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyPipeline

**Length**

32

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2841

Table 181. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 182. CRESPIPE resource table attributes							
Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Enable status	6
ENABLESTATUS Input/output valid values	ENABLED, DISABLED, ENABLING, DISABLING, DISCARDING						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	No	PIPELINE name	4





## Chapter 77. CRESPRGM Resource Table

A CPSM Topology Manager object that describes an instance of a program within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is APPLTOKEN.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyProgram

**Length**

56

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2802

*Table 183. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A

*Table 184. CRESPRGM resource table attributes*

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
APPLTOKEN	BINARY	CPSM	8	MAX	Application Qualifier Token	E640 E650 E660 E670 E680	9
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status		8
ENABLESTATUS Output valid values	ENABLED, DISABLED						
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status		7

Table 184. CRESPRGM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
NAME-1	CHAR	CPSM	8	DIFF	Program		4
REMOTENAME	CHAR	CPSM	8	DIFF	Program name on remote system		5
REMOTESYSTEM	CHAR	CPSM	4	DIFF	Remote system ID		6

## Chapter 78. CRESPROF Resource Table

A CPSM Topology Manager object that describes an instance of a profile within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyProfile

**Length**

32

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2818

Table 185. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 186. CRESPROF resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted					
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Profile	4



## Chapter 79. CRESPTY Resource Table

A CPSM Topology Manager object that describes an instance of a process type within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

### External resource name

CICSTopologyBTSPProcessType

### Length

32

### Usage

API or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt2832

Table 187. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 188. CRESPTY resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	BTS process type monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	BTS process type	4



## Chapter 80. CRESRQMD Resource Table

A CPSM Topology Manager object that describes an instance of a request within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyRequestModel

**Length**

32

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2831

Table 189. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 190. CRESRQMD resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Request model	4





## Chapter 81. CRESSDMP Resource Table

A CPSM Topology Manager object that describes an instance of a system dump code within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

### External resource name

CICSTopologySystemDump

### Length

40

### Usage

API or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt2822

Table 191. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 192. CRESSDMP resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	System dump monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	System dump code	4
SDMPSTATUS	CVDAS	INQ	4	LIKE	System dump status	7
SDMPSTATUS Output valid values	SYSDUMP, NOSYSDUMP					
SHUTDSTATUS	CVDAS	INQ	4	LIKE	Shutdown status	6
SHUTDSTATUS Output valid values	SHUTDOWN, NOSHUTDOWN					



## Chapter 82. CRESTCPS Resource Table

A CPSM Topology Manager object that describes an instance of a TCPIP Service within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyTCPIPService

**Length**

32

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2833

Table 193. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 194. CRESTCPS resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
NAME-1	CHAR	CPSM	8	DIFF	TCP/IP service	4



## Chapter 83. CRESTDMP Resource Table

A CPSM Topology Manager object that describes an instance of a transaction dump code within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

### External resource name

CICSTopologyTransactionDump

### Length

40

### Usage

API or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt2823

Table 195. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 196. CRESTDMP resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	Transaction dump monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-1</b>	CHAR	CPSM	4	DIFF	Transaction dump code	4
SDMPSTATUS	CVDAS	INQ	4	LIKE	System dump status	7
SDMPSTATUS Output valid values	SYSDUMP, NOSYSDUMP					
SHUTDSTATUS	CVDAS	INQ	4	LIKE	Shutdown status	6
SHUTDSTATUS Output valid values	SHUTDOWN, NOSHUTDOWN					
TDMPSTATUS	CVDAS	INQ	4	LIKE	Transaction dump status	8

Table 196. CRESTDMP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
TDMPSTATUS Output valid values	TRANDUMP, NOTRANDUMP					

## Chapter 84. CRESTDQ Resource Table

A CPSM Topology Manager object that describes an instance of a transient data queue within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyTDQueue

**Length**

48

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2805

Table 197. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 198. CRESTDQ resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status	9
ENABLESTATUS Output valid values	ENABLED, DISABLED, NOTAPPLIC					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	8
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-1</b>	CHAR	CPSM	4	DIFF	TDQ queue	5
OPENSTATUS	CVDAS	INQ	4	LIKE	Open status	10
OPENSTATUS Output valid values	OPEN, OPENING, CLOSED, CLOSING, SWITCHING, NOTAPPLIC					
QTYPE	CVDAS	CPSM	4	LIKE	TD queue type	4

Table 198. CRESTDQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
QTYPE Output valid values	INTRA, EXTRA, REMOTE, INDIRECT					
REMOTENAME	CHAR	CPSM	4	DIFF	TD queue name on remote system	6
REMOTESYSTEM	CHAR	CPSM	4	DIFF	Remote system ID	7



## Chapter 85. CRESTERM Resource Table

A CPSM Topology Manager object that describes an instance of a terminal within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyTerminal

**Length**

40

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2806

Table 199. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 200. CRESTERM resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ACQSTATUS	CVDAS	INQ	4	LIKE	Acquired status	6
ACQSTATUS Output valid values	ACQUIRED, ACQUIRING, RELEASED, RELEASING, NOTAPPLIC					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-1</b>	CHAR	CPSM	4	DIFF	Terminal	4
NETNAME	CHAR	CPSM	8	DIFF	Terminal network name	8
SERVSTATUS	CVDAS	INQ	4	LIKE	Service status	7
SERVSTATUS Output valid values	INSERVICE, OUTSERVICE					



## Chapter 86. CRESTRAN Resource Table

A CPSM Topology Manager object that describes an instance of a transaction within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

### External resource name

CICSTopologyTransaction

### Length

56

### Usage

API or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt2800

Table 201. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 202. CRESTRAN resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status	9
ENABLESTATUS Output valid values	ENABLED, DISABLED					
MONSTAT	BIT	CPSM	1	LIKE	Transaction monitoring status	8
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-1</b>	CHAR	CPSM	4	DIFF	Transaction ID	5
PGMNAME	CHAR	CPSM	8	DIFF	First program name	10
REMOTENAME	CHAR	CPSM	8	DIFF	Transaction ID on remote system	6
REMOTESYSTEM	CHAR	CPSM	4	DIFF	Remote system ID	7

Table 202. CRESTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
TTYPE	EYUDA	CPSM	4	LIKE	Transaction type	4
TTYPE Output valid values	LTRAN, RTRAN					

## Chapter 87. CRESTRUE Resource Table

A CPSM Topology Manager object that describes an instance of a task-related user exit within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is ENTRYNME.

There are no object specific actions for this resource class.

### External resource name

CICSTopologyTaskRelatedExit

### Length

40

### Usage

API or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt2824

Table 203. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 204. CRESTRUE resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
<b>ENTRYNME-2</b>	CHAR	CPSM	8	DIFF	Entry name	7
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Task-related user exit program	4
STARTSTATUS	CVDAS	INQ	4	LIKE	Start status	6
STARTSTATUS Output valid values	STARTED, STOPPED					



## Chapter 88. CRESTSMD Resource Table

A CPSM Topology Manager object that describes an instance of a temporary storage queue within a CICS system. Information about the monitoring and resource status facility processing defined for the resource is provided. Certain operational state values may also be provided.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyTSMModel

**Length**

32

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2829

Table 205. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 206. CRESTSMD resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Temporary storage model	4





## Chapter 89. CRESURIM Resource Table

A CPSM Topology Manager object that describes an instance of a URIMAP definition in a CICS system.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyURIMap

**Length**

32

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2840

Table 207. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 208. CRESURIM resource table attributes							
Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
ENABLESTATUS	CVDAS	INQ	4	LIKE	Yes	Enable status	6
ENABLESTATUS Input/output valid values	ENABLED, DISABLED, DISABLEDHOST						
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	No	URIMAP name	4



## Chapter 90. CRESWEBS Resource Table

A CPSM Topology Manager object that describes an instance of a WEBSERVICE definition in a CICS system.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyWebService

**Length**

56

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2839

Table 209. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 210. CRESWEBS resource table attributes							
Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	No	Reserved	
MONSTAT	BIT	CPSM	1	LIKE	No	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active						
<b>NAME-1</b>	CHAR	CPSM	32	DIFF	No	WEBSERVICE name	4
STATE	CVDAS	INQ	4	LIKE	Yes	Web service state	6
STATE Input/output valid values	DISCARDING, INITING, INSERVICE, UNUSABLE						



# Chapter 91. CRESXMLT Resource Table

A CPSM Topology Manager object that describes an instance of an XMLTRANSFORM resource in a CICS system.

The **Primary** key for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTopologyXMLTransform

**Length**

56

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2848

*Table 211. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A

*Table 212. CRESXMLT resource table attributes*

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status	6
ENABLESTATUS Input/output valid values	ENABLED, DISABLED					
ENABLESTATUS Output valid values	ENABLING, DISABLING					
MONSTAT	BIT	CPSM	1	LIKE	Monitoring status	5
MONSTAT Input/output valid values	1 (POSDATA) - Possible Data, 2 (COLDATA) - Collect Data, 4 (USERDEF) - User Monitor Definition, 8 (SYSDEF) - System Monitor Definition, 16 (DELETED) - Resource Logically Deleted, 32 (RODMACT) - Resource Status Facility Active					
<b>NAME-1</b>	CHAR	CPSM	32	DIFF	XML Transform name	4



## Chapter 92. CSDGROUP Resource Table

A CICSplex SM CICS System Definition (CSD) that provides the association anchor for a set of CICS CSD resources. References to a CSDGROUP are inferred to be references to the set of associated CICS CSD resources.

The **Primary** key field for this resource class is NAME.

**Note:** When querying the CSDGROUP resource, the SCOPE option must specify an active MAS.

The following actions are supported:

### CSDADD

Adds a CSD group to a CSD list.

The parameter data for the CSDADD action is described in [Managing CICS definitions in the CSD](#).

### CSDINSTALL

Install the CICS CSD resource definitions in a CSD group into an active system.

The parameter data for the CSDINSTALL action is described in [Managing CICS definitions in the CSD](#).

### CSDLLOCK

Restricts update or delete access to a CSD list. When you lock a CSD list, other users can view or copy it, but they are restricted from changing or deleting it.

### CSDUNLOCK

Removes the lock from a CSD list previously locked by the CSDLLOCK action.

### External resource name

CICSCSDGroup

### Length

16

### Usage

API or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt3701

<i>Table 213. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
REMOVE		LISTREMOVE	No
PERFORM SET	CSDADD	ADD_CSDGROUP(value)	No

Table 213. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		ADD_LOCATION(BEFORE, AFTER)	No
		TO_CSDLIST(value)	Yes
	CSDINSTALL	None	N/A
	CSDLLOCK	None	N/A
	CSDUNLOCK	None	N/A

Table 214. CSDGROUP FEEDBACK error codes

Value	Code	Description
1	CSDGROUP_INV_DATA	Attribute data invalid
2	CSDGROUP_REC_NOT_FOUND	Requested resource not found
21	CSDGROUP_PARTIAL_ACTION	Partial action
22	CSDGROUP_NOTHING_ACTIONED	Nothing actioned
23	CSDGROUP_PARTIAL_INSTALL	Partial install
24	CSDGROUP_NOTHING_INSTALLED	Nothing installed
25	CSDGROUP_REC_NOT_REMOVED	Requested resource not removed
26	CSDGROUP_CSD_ERROR	CSD access error

Table 215. CSDGROUP resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CICSSYS	CHAR	CPSM	8	DIFF	CICS system name	5
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	CSD group name	4



## Chapter 93. CSDINGRP Resource Table

A CICSplex SM CICS System Definition (CSD) resource class that references the CICS CSD resources associated with a specific CSDGROUP resource class.

The **Primary** key field for this resource class is CSDGROUP.

The **Secondary** key field for this resource class is DEFNAME.

The **Tertiary** key field for this resource class is DEFTYPE.

**Note:** When querying the CSDINGRP resource, the SCOPE option must specify an active MAS.

The following action is supported:

### CSDINSTALL

Install the CICS CSD resource definitions in a CSD group into an active system.

The parameter data for the CSDINSTALL action is described in [Managing CICS definitions in the CSD](#).

### External resource name

CICSCSDResource

### Length

32

### Usage

API or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt3751

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	CSDINSTALL	None	N/A

Value	Code	Description
1	CSDINGRP_INV_DATA	Attribute data invalid
2	CSDINGRP_REC_NOT_FOUND	Requested resource not found
23	CSDINGRP_PARTIAL_INSTALL	Partial install

Table 217. CSDINGRP FEEDBACK error codes (continued)

Value	Code	Description
24	CSDINGRP_NOTHING_INSTALLED	Nothing installed
25	CSDINGRP_CSD_ERROR	CSD access error

Table 218. CSDINGRP resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CICSSYS	CHAR	CPSM	8	DIFF	CICS system name	8
CPSMTYPE	RESTYPE	CPSM	2	LIKE	CPSM resource definition type	7
<b>CSDGROUP-1</b>	CHAR	CPSM	8	DIFF	CSD group name	4
<b>DEFNAME-2</b>	CHAR	CPSM	8	DIFF	Resource definition	5
<b>DEFTYPE-3</b>	CVDAS	CPSM	4	LIKE	CICS resource definition type	6
DEFTYPE-3 Output valid values	ATOMSERVICE, BUNDLE, CONNECTION, CORBASERVER, DB2CONN, DB2ENTRY, DB2TRAN, DJAR, DOCTEMPLATE, ENQMODEL, FILE, IPCONN, JOURNALMODEL, JVMSERVER, LIBRARY, LSRPOOL, MAP, MQCONN, PARTITIONSET, PARTNER, PIPELINE, PROCESSTYPE, PROFILE, PROGRAM, REQUESTMODEL, SESSIONS, TCPIPSERVICE, TDQUEUE, TERMINAL, TRANCLASS, TRANSACTION, TSMODEL, TYPETERM, URIMAP, WEBSERVICE					

## Chapter 94. CSDINLST Resource Table

A CICSplex SM CICS System Definition (CSD) resource class that references the CICS CSD groups associated with a specific CSDLIST.

The **Primary** key field for this resource class is CSDLIST.

The **Secondary** key field for this resource class is LISTSEQ.

The **Tertiary** key field for this resource class is CSDGROUP.

**Note:** When querying the CSDINLST resource, the SCOPE option must specify an active MAS.

There are no object specific actions for this resource class.

**External resource name**

CICSCSDGroupInList

**Length**

32

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt3750

*Table 219. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
REMOVE		None	N/A

*Table 220. CSDINLST FEEDBACK error codes*

Value	Code	Description
1	CSDINLST_INV_DATA	Attribute data invalid
2	CSDINLST_REC_NOT_FOUND	Requested resource not found
21	CSDINLST_REC_NOT_REMOVED	Requested resource not removed
22	CSDINLST_CSD_ERROR	CSD access error

Table 221. CSDINLST resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CICSSYS	CHAR	CPSM	8	DIFF	CICS system name	6
<b>CSDGROUP-3</b>	CHAR	CPSM	8	DIFF	CSD group name	5
<b>CSDLIST-1</b>	CHAR	CPSM	8	DIFF	CSD list name	4
<b>LISTSEQ-2</b>	BINARY	CPSM	4	DIFF	CSD list sequence number	7

## Chapter 95. CSDLIST Resource Table

A CICSplex SM CICS System Definition (CSD) object that lists collections of CSD groups that can be installed in CICS systems manually or during a cold or initial start.

The **Primary** key field for this resource class is NAME.

**Note:** When querying the CSDLIST resource, the SCOPE option must specify an active MAS.

The following actions are supported:

### CSDAPPEND

Append the CSD groups in one CSD list to another list.

The parameter data for the CSDAPPEND action is described in [Managing CICS definitions in the CSD](#).

### CSDINSTALL

Install the CICS CSD resource definitions in a CSD list into an active system.

The parameter data for the CSDINSTALL action is described in [Managing CICS definitions in the CSD](#).

### CSDLLOCK

Restricts update or delete access to a CSD list. When you lock a CSD list, other users can view or copy it, but they are restricted from changing or deleting it.

### CSDUNLOCK

Removes the lock from a CSD list previously locked by the CSDLLOCK action.

### External resource name

CICSCSDList

### Length

16

### Usage

API or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt3700

<i>Table 222. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	CSDAPPEND	To_CSDList(value)	Yes
	CSDINSTALL	None	N/A

Table 222. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	CSDLOCK	None	N/A
	CSDUNLOCK	None	N/A

Table 223. CSDLIST FEEDBACK error codes

Value	Code	Description
1	CSDLIST_INV_DATA	Attribute data invalid
2	CSDLIST_REC_NOT_FOUND	Requested resource not found
21	CSDLIST_PARTIAL_INSTALL	Partial install
22	CSDLIST_NOTHING_INSTALLED	Nothing installed
23	CSDLIST_PARTIAL_ACTION	Partial action
24	CSDLIST_NOTHING_ACTIONED	Nothing actioned
25	CSDLIST_CSD_ERROR	CSD access error

Table 224. CSDLIST resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CICSSYS	CHAR	CPSM	8	DIFF	CICS system name	5
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	CSD list name	4

## Chapter 96. CSGLCGCG Resource Table

A CPSM Topology Definition that describes the involuted association link of a CICS system group within an outer system group.

The **Primary** key field for this resource class is TOGROUP.

The **Secondary** key field for this resource class is GROUP.

There are no object specific actions for this resource class.

**External resource name**

CICSSystemGroupToSystemGroup

**Length**

56

**Usage**

API or Batch Utility or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt4099

*Table 225. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

*Table 226. CSGLCGCG FEEDBACK error codes*

Value	Code	Description
1	CSGLCGCG_INV_DATA	Attribute data invalid
2	CSGLCGCG_REC_NOT_FOUND	Requested resource not found
3	CSGLCGCG_INV_REFERENCE	Attribute references an invalid resource
4	CSGLCGCG_REC_EXISTS	Resource already exists
21	CSGLCGCG_ASSOCIATION	Invalid associated group
22	CSGLCGCG_INCONSISTENT_SET	BAS inconsistent set
23	CSGLCGCG_CYCLIC_GROUPS	Link causes cyclical groups

Table 226. CSGLCGCG FEEDBACK error codes (continued)

Value	Code	Description
24	CSGLCGCG_INCONSISTENT_SCOPES	Inconsistent scopes
25	CSGLCGCG_INV_ATTR	Must be a system group
26	CSGLCGCG_IS_PLATFORM_SYSGROUP	System group is a platform group
27	CSGLCGCG_UNKNOWN_SCOPE	Unknown scope

Table 227. CSGLCGCG resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	7
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	10
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	9
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	8
<b>GROUP-2</b>	CHAR	CPSM	8	Yes	DIFF	Group within containing group	5
<b>TOGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Name of containing group	6



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## Chapter 97. CSGLCGCS Resource Table

A CPSM Topology Definition that describes the association link of a CICS System to a CICS system group.

The **Primary** key field for this resource class is GROUP.

The **Secondary** key field for this resource class is CICSNAME.

There are no object specific actions for this resource class.

The CREATE and REMOVE actions have special parameters MONSPC\_INHRT, RTASPC\_INHRT, and WLMSPC\_INHRT. These parameters indicate how monitoring, real-time-analysis, or workload management specifications associated with the CICS system group are handled. The keywords for the parameters are as follows:

**ACTION: CREATE, PARM: MONSPC\_INHRT, RTASPC\_INHRT, WLMSPC\_INHRT**

Indicates whether the CICS system is to inherit a MON, RTA, or WLM specification from the CICS system group with which you are associating it.

**KEEP**

This is the default. The CICS system is not to inherit the specification associated with the CICS system group. When you want real-time analysis to occur, you must associate the CICS system with an appropriate specification.

**NULL**

The CICS system is to inherit the specification associated with the CICS system group if there is no specification already associated with the CICS system. If there is no association between a CICS system group and a specification, the CICS system inherits no specification.

**FORCE**

The CICS system must inherit the specification associated with the CICS system group. If there is no association between a CICS system group and a specification, the CICS system inherits no specification.

**ACTION: REMOVE, PARM: MONSPC\_INHRT, RTASPC\_INHRT, WLMSPC\_INHRT**

Indicates how the CICS systems comprising the CICS system group are to use any specifications associated with the system group.

**KEEP**

This is the default. Those CICS systems that inherited a specification from the CICS system group are explicitly assigned the specification.

**NONE**

Those CICS systems that inherited a specification from the CICS system group are not to use that specification.

**External resource name**

CICSSystemToSystemGroup

**Length**

56

**Usage**

API or Batch Utility or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt4098

*Table 228. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		MONSPC_INHRT(KEEP, NULL, FORCE)	No
		RTASPC_INHRT(KEEP, NULL, FORCE)	No
		WLMSPC_INHRT(KEEP, NULL, FORCE)	No
REMOVE		MONSPC_INHRT(NONE, KEEP)	No
		RTASPC_INHRT(NONE, KEEP)	No
		WLMSPC_INHRT(NONE, KEEP)	No

*Table 229. CSGLCGCS FEEDBACK error codes*

Value	Code	Description
1	CSGLCGCS_INV_DATA	Attribute data invalid
2	CSGLCGCS_REC_NOT_FOUND	Requested resource not found
3	CSGLCGCS_INV_REFERENCE	Attribute references an invalid resource
4	CSGLCGCS_REC_EXISTS	Resource already exists
21	CSGLCGCS_ASSOCIATION	Invalid group association
22	CSGLCGCS_INCONSISTENT_SET	BAS inconsistent set
23	CSGLCGCS_INCONSISTENT_SCOPES	Inconsistent scopes
24	CSGLCGCS_UNKNOWN_SCOPE	Unknown scope
25	CSGLCGCS_INV_ATTR	Must be a system definition
26	CSGLCGCS_IS_PLATFORM_SYSGROUP	System group is a platform group
27	CSGLCGCS_CICSSYS_IN_USE	CICS system is currently in use
28	CSGLCGCS_INVALID_SCOPE	Unknown scope treated as invalid

*Table 230. CSGLCGCS resource table attributes*

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	7
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	10
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	9
<b>CICSNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	CICS system	6
CREATEORIGIN	EYUDA	CPSM	4	No	DIFF	Definition origin	12

Table 230. CSGLCGCS resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CREATEORIGIN Input/output valid values	N_A, PLATFORM						
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	8
<b>GROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	CICS system group	5



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## Chapter 98. CSYSDEF Resource Table

A CPSM Topology Definition that describes a CICS system to be managed as part of a CICSplex.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

Some of the attributes of a CICS system definition can be inherited from a Workload Manager, Real Time Analysis, or Monitor specification with which the system is associated. The attribute value you should use to request inheritance varies by field:

### **TMEZONE**

Specify an asterisk (\*) to request inheritance in all languages. You should also use an asterisk to request inheritance if you are creating this field by the batched repository-update facility.

### **TMEZONEO**

For the batched repository-update facility and REXX API programs, specify an asterisk (\*) to request inheritance. For API programs in all other languages, specify 255 to request inheritance.

### **BOTRSUP, CICSSAMP, CONNSAMP, DBXSAMP, FILESAMP, GLBLSAMP, JRNLSAMP, PROGSAMP, RETENTION, READRS, TDQSAMP, TERMSAMP, TOPRSUPD and TRANSAMP**

For the batched repository-update facility and REXX API programs, specify an asterisk (\*) to request inheritance. For API programs in all other languages, specify -1 to request inheritance.

### **SAMACTION, SOSACTION, SDMACTION, TDMACTION, MXTACTION, and STLACTION**

Specify an asterisk (\*) to request inheritance in all languages. You should also use an asterisk to request inheritance if you are creating this field by the batched repository-update facility.

### **EYUDA**

Specify INHERIT when using the batched repository-update facility or REXX API programs. For API programs in all other languages, initialize the field to EYUDA\_INHERIT. See the CSYSDEF table below to find the fields of type EYUDA which allow the value INHERIT.

The use of the xxxACTION and xxxSEV attributes is described in [Special attribute and resource table considerations](#).

### **External resource name**

CICSRegionDefinition

### **Length**

472

### **Usage**

API or Batch Utility or WUI or CICS Management Client Interface

### **API view**

No

### **CMAS context**

No

### **SCOPE applies**

No

### **Only query CMASs in workload**

No

### **Object type**

CICSplex SM Definition

### **Copybook identifier**

EYUt3500

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		MODEL(value)	No
UPDATE		MODEL(value)	No
REMOVE		None	N/A
PERFORM SET	ADDTGRP	MONSPC_INHRT(KEEP, NULL, FORCE)	No
		RTASPC_INHRT(KEEP, NULL, FORCE)	No
		TOGROUP(value)	Yes
		WLMSPC_INHRT(KEEP, NULL, FORCE)	No

Value	Code	Description
1	CSYSDEF_INV_DATA	Attribute data invalid
2	CSYSDEF_REC_NOT_FOUND	Requested resource not found
3	CSYSDEF_INV_REFERENCE	Group not found
4	CSYSDEF_REC_EXISTS	Resource already exists
5	CSYSDEF_REC_CHANGED	Resource definition already changed
6	CSYSDEF_INV_RESTYPE	Invalid resource type
21	CSYSDEF_INV_SYS_NAME	Invalid system name
22	CSYSDEF_INV_MODEL_NAME	Invalid model name
23	CSYSDEF_INV_RECADDR	Invalid record address
24	CSYSDEF_INV_RECLEN	Invalid record length
25	CSYSDEF_INCONSISTENT_SET	BAS inconsistent set
26	CSYSDEF_INCONSISTENT_SCOPES	BAS inconsistent Scopes
27	CSYSDEF_ASSOCIATION	Invalid group association
28	CSYSDEF_CYCLIC_GROUPS	Link causes cyclic groups
29	CSYSDEF_CICSSYS_IN_USE	Requested resource in use
30	CSYSDEF_IS_PLATFORM_SYSGROUP	System group is a platform group
31	CSYSDEF_IS_PLATFORM_SYSTEM	System is a platform system
32	CSYSDEF_PLATFORM_PROTECT_FIELD	Platform protected field

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
ACTVTIME	CHAR	CPSM	8	No	DIFF	Period definition name			37
AINSFALL	EYUDA	CPSM	4	Yes	LIKE	BAS install failure action	CONTINUE		45
AINSFALL Input/output valid values	CONTINUE, IMMEDIATE, NORMAL, PROMPT, TERMINATE								

Table 233. CSYSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
APPLID	CHAR	CPSM	8	Yes	DIFF	Application ID			43
AUTOINST	EYUDA	CPSM	4	Yes	LIKE	Install BAS resources option	NEVER		44
AUTOINST Input/output valid values	NEVER, ALWAYS, COLDONLY, WARMONLY								
BOTRSUPD	BINARY	CPSM	1	Yes	DIFF	RS server bottom tier	*	1-25	61
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			53
CHANGEAGENT Input/output valid values	DREPAPI, DREPBATCH								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			56
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			55
CICSSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for CICS region monitoring	INHERIT	0-86400	8
CONNSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for connection monitoring	INHERIT	0-86400	11
CONTEXT	CHAR	CPSM	8	No	DIFF	CSYSDEF context			59
CREATEORIGIN	EYUDA	CPSM	4	No	LIKE	Definition origin			67
CREATEORIGIN Input/output valid values	N_A, PLATFORM								
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			54
DAYLGHSTSV	EYUDA	CPSM	4	Yes	LIKE	Daylight saving time in effect	INHERIT		41
DAYLGHSTSV Input/output valid values	YES, NO, INHERIT								
DBXSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for DB2/DBCTL monitoring	INHERIT	0-86400	10
DESC	CHAR	CPSM	58	No	DIFF	Description			38
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	47
DYNROUTE	EYUDA	CPSM	4	Yes	LIKE	Target region active at startup	YES		6
DYNROUTE Input/output valid values	YES, NO								
FILESAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for file monitoring	INHERIT	0-86400	12
GLBLSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for global region monitoring	INHERIT	0-86400	9
HOST	CHAR	CPSM	11 6	No	DIFF	Host name			49
JRNLSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for journal monitoring	INHERIT	0-86400	13
MONSTATUS	EYUDA	CPSM	4	Yes	LIKE	Monitoring status	INHERIT		18
MONSTATUS Input/output valid values	YES, NO, INHERIT								
MPCMASID	CHAR	CPSM	8	No	DIFF	Maintenance point CMAS ID			58
MXTACTION	CHAR	CPSM	8	No	DIFF	Action for CICS-at-maximum-tasks event	*		34
MXTSEV	EYUDA	CPSM	4	No	LIKE	Severity for CICS-at-maximum-tasks event	HS		28

Table 233. CSYSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
MXTSEV Input/output valid values	N_A, NO, VLS, LS, LW, HW, HS, VHS, INHERIT								
NAME-1	CHAR	CPSM	8	Yes	DIFF	CICS system definition name			5
NETWORKID	CHAR	CPSM	8	No	DIFF	Network ID			48
NRMACTION	CHAR	CPSM	8	No	DIFF	Action for Non-responsive-MAS event	*		66
NRMSEV	EYUDA	CPSM	4	No	LIKE	Severity for Non-responsive-MAS event	HW		65
NRMSEV Input/output valid values	N_A, NO, VLS, LS, LW, HW, HS, VHS, INHERIT								
PORT	CHAR	CPSM	8	No	DIFF	Port number		1-65535	50
PRICMAS	CHAR	CPSM	8	No	DIFF	Primary CMAS name			36
PROGSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for program monitoring	INHERIT	0-86400	14
READRS	BINARY	CPSM	2	No	DIFF	RS server read interval	*	0-2000	51
RETENTION	BINARY	CPSM	4	Yes	AVG	Time data is kept after monitoring stops (minutes)	INHERIT	0-1440	7
RTASTATUS	EYUDA	CPSM	4	Yes	LIKE	Real time analysis status	YES		19
RTASTATUS Input/output valid values	YES, NO, SAM, MRM								
SAMACTION	CHAR	CPSM	8	No	DIFF	Action for system availability monitoring event	*		30
SAMSEV	EYUDA	CPSM	4	No	LIKE	Severity for system availability monitoring event	VHS		24
SAMSEV Input/output valid values	N_A, NO, VLS, LS, LW, HW, HS, VHS, INHERIT								
SDMACTION	CHAR	CPSM	8	No	DIFF	Action for system dump event	*		32
SDMSEV	EYUDA	CPSM	4	No	LIKE	Severity for system dump event	VHS		26
SDMSEV Input/output valid values	N_A, NO, VLS, LS, LW, HW, HS, VHS, INHERIT								
SECBYPASS	EYUDA	CPSM	4	Yes	LIKE	Exemption from simulated security checks	INHERIT		23
SECBYPASS Input/output valid values	YES, NO, INHERIT								
SECCMDCHK	EYUDA	CPSM	4	Yes	LIKE	Simulated CICS-command security checking status	INHERIT		21
SECCMDCHK Input/output valid values	YES, NO, INHERIT								
SECRESCHK	EYUDA	CPSM	4	Yes	LIKE	Simulated CICS-resource security checking status	INHERIT		22
SECRESCHK Input/output valid values	YES, NO, INHERIT								
SOSACTION	CHAR	CPSM	8	No	DIFF	Action for short on storage (SOS) event	*		31
SOSSEV	EYUDA	CPSM	4	No	LIKE	Severity for short-on-storage (SOS) event	HS		25
SOSSEV Input/output valid values	N_A, NO, VLS, LS, LW, HW, HS, VHS, INHERIT								
STLACTION	CHAR	CPSM	8	No	DIFF	Action for CICS-stalled event	*		35



Table 233. CSYSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
STLSEV	EYUDA	CPSM	4	No	LIKE	Severity for CICS-stalled event	VHS		29
STLSEV Input/output valid values	N_A, NO, VLS, LS, LW, HW, HS, VHS, INHERIT								
SYSID	CHAR	CPSM	4	Yes	DIFF	System ID			46
TDMACTION	CHAR	CPSM	8	No	DIFF	Action for transaction dump event	*		33
TDMSEV	EYUDA	CPSM	4	No	LIKE	Severity for transaction dump event	HW		27
TDMSEV Input/output valid values	N_A, NO, VLS, LS, LW, HW, HS, VHS, INHERIT								
TDQSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for TDQ monitoring	INHERIT	0-86400	16
TERMSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for terminal monitoring	INHERIT	0-86400	15
TMEZONE	CHAR	CPSM	1	Yes	DIFF	Time zone	*		40
TMEZONEO	BINARY	CPSM	1	Yes	AVG	Time zone offset	*	0-59	39
TOPRSUPD	BINARY	CPSM	1	Yes	DIFF	RS server top tier	*	1-25	60
TRANSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for transaction monitoring	INHERIT	0-86400	17
UPDATERS	BINARY	CPSM	1	No	DIFF	RS server update frequency	*	0-25	52
WLMOPTEN	EYUDA	CPSM	4	Yes	LIKE	WLM optimization enablement	DISABLED		64
WLMOPTEN Input/output valid values	ENABLED, DISABLED								
WLMQMODE	EYUDA	CPSM	4	Yes	LIKE	Task load queue mode	ALL		63
WLMQMODE Input/output valid values	ALL, MAXTASK								
WLMSTATUS	EYUDA	CPSM	4	Yes	LIKE	Routing region active at startup	YES		20
WLMSTATUS Input/output valid values	YES, NO								
WLMTHRSH	BINARY	CPSM	1	Yes	DIFF	Task load health threshold	60	1-100	62



## Chapter 99. CSYSGRP Resource Table

A CPSM Topology Definition that describes a CICS system group, which is used to describe the scope for a CICSplex.

The **Primary** key field for this resource class is GROUP.

The following action is supported:

**ADDTGRP**

Add a group to group link.

**External resource name**

CICSRegionGroup

**Length**

184

**Usage**

API or Batch Utility or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt3501

*Table 234. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDTGRP	TOGROU(value)	Yes

*Table 235. CSYSGRP FEEDBACK error codes*

Value	Code	Description
1	CSYSGRP_INV_DATA	Attribute data invalid
2	CSYSGRP_REC_NOT_FOUND	Requested resource not found
3	CSYSGRP_INV_REFERENCE	Group does not exist
4	CSYSGRP_REC_EXISTS	Resource already exists

Table 235. CSYSGRP FEEDBACK error codes (continued)

Value	Code	Description
5	CSYSGRP_REC_CHANGED	Resource definition already changed
21	CSYSGRP_INV_GROUP	Invalid group
22	CSYSGRP_SYSGROUP_IN_USE	System group in use
23	CSYSGRP_ASSOCIATION	Togroup matches group
24	CSYSGRP_INCONSISTENT_SET	BAS inconsistent set
25	CSYSGRP_CYCLIC_GROUPS	Link causes cyclic groups
26	CSYSGRP_INCONSISTENT_SCOPES	BAS inconsistent set
27	CSYSGRP_IS_PLATFORM_SYSGROUP	System group is a platform group
28	CSYSGRP_NOT_PLATFORM_SYSGROUP	System group is a not a platform group
29	CSYSGRP_INV_REGIONTYPE	Region type invalid
30	CSYSGRP_INV_PLATDEF	Platform definition invalid

Table 236. CSYSGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/ output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			10
CREATEORIGIN	EYUDA	CPSM	4	No	DIFF	Definition origin			15
CREATEORIGIN Input/ output valid values	N_A, PLATFORM								
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			9
DESC	CHAR	CPSM	58	No	DIFF	Description			6
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	7
<b>GROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	System group name			5
PLATDEF	CHAR	CPSM	8	No	DIFF	Associated platform definition			13
REGIONTYPE	CHAR	CPSM	64	No	DIFF	Region type			14

## Chapter 100. D2CINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a DB2 connection definition (DB2CDEF) in a resource group (RESGROUP). A DB2CDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is DB2CGROUP.

The **Secondary** key field for this resource class is DB2CNAME.

The **Tertiary** key field for this resource class is DB2CVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6162

<i>Table 237. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 238. D2CINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	D2CINGRP_INV_DATA	Attribute data invalid
2	D2CINGRP_REC_NOT_FOUND	Requested resource not found
4	D2CINGRP_REC_EXISTS	Resource already exists
6	D2CINGRP_INV_RESTYPE	Invalid resource type
7	D2CINGRP_INV_VER	Invalid resource version
11	D2CINGRP_NON_MP	Maintenance point CMAS not available

Table 238. D2CINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	D2CINGRP_INV_CONTEXT	Context not found
21	D2CINGRP_INCONSISTENT_SET	Inconsistent set
22	D2CINGRP_DIFF_VERSION	Different version
23	D2CINGRP_INV_NAME	Invalid name
24	D2CINGRP_INV_MINNAME	Invalid minor name

Table 239. D2CINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>DB2CGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>DB2CNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	DB2 connection definition name	6
<b>DB2COVER-3</b>	BINARY	CPSM	1	Yes	AVG	DB2 connection definition version	7

## Chapter 101. D2INGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a DB2 entry definition (DB2EDEF) in a resource group (RESGROUP). A DB2EDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is DB2EGROUP.

The **Secondary** key field for this resource class is DB2ENAME.

The **Tertiary** key field for this resource class is DB2EVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6163

<i>Table 240. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 241. D2INGRP FEEDBACK error codes</i>		
Value	Code	Description
1	D2INGRP_INV_DATA	Attribute data invalid
2	D2INGRP_REC_NOT_FOUND	Requested resource not found
4	D2INGRP_REC_EXISTS	Resource already exists
6	D2INGRP_INV_RESTYPE	Invalid resource type
7	D2INGRP_INV_VER	Invalid resource version
11	D2INGRP_NON_MP	Maintenance point CMAS not available
12	D2INGRP_INV_CONTEXT	Context not found

Table 241. D2EINGRP FEEDBACK error codes (continued)

Value	Code	Description
21	D2EINGRP_INCONSISTENT_SET	Inconsistent set
22	D2EINGRP_DIFF_VERSION	Different version
23	D2EINGRP_INV_NAME	Invalid name
24	D2EINGRP_INV_MINNAME	Invalid minor name

Table 242. D2EINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>DB2EGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>DB2ENAME-2</b>	CHAR	CPSM	8	Yes	DIFF	DB2 entry definition name	6
<b>DB2EVER-3</b>	BINARY	CPSM	1	Yes	AVG	DB2 entry definition version	7



## Chapter 102. D2TINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a DB2 transaction definition (DB2TDEF) in a resource group (RESGROUP). A DB2TDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is DB2TGROUP.

The **Secondary** key field for this resource class is DB2TNAME.

The **Tertiary** key field for this resource class is DB2TVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6164

<i>Table 243. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 244. D2TINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	D2TINGRP_INV_DATA	Attribute data invalid
2	D2TINGRP_REC_NOT_FOUND	Requested resource not found
4	D2TINGRP_REC_EXISTS	Resource already exists
6	D2TINGRP_INV_RESTYPE	Invalid resource type
7	D2TINGRP_INV_VER	Invalid resource version
11	D2TINGRP_NON_MP	Maintenance point CMAS not available

Table 244. D2TINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	D2TINGRP_INV_CONTEXT	Context not found
21	D2TINGRP_INCONSISTENT_SET	Inconsistent set
22	D2TINGRP_DIFF_VERSION	Different version
23	D2TINGRP_INV_NAME	Invalid name
24	D2TINGRP_INV_MINNAME	Invalid minor name

Table 245. D2TINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>DB2TGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>DB2TNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	DB2 transaction definition name	6
<b>DB2TVER-3</b>	BINARY	CPSM	1	Yes	AVG	DB2 transaction definition version	7

## Chapter 103. DB2CDEF Resource Table

A CICS Definition that describes the connection properties of a DB2 connection.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a DB2 connection definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionDb2Connection

### Length

280

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3817

<i>Table 246. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Table 246. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 247. DB2CDEF FEEDBACK error codes

Value	Code	Description
1	DB2CDEF_INV_DATA	Attribute data invalid
2	DB2CDEF_REC_NOT_FOUND	Requested resource not found
4	DB2CDEF_REC_EXISTS	Resource already exists
5	DB2CDEF_REC_CHANGED	Resource definition already changed
6	DB2CDEF_INV_RESTYPE	Invalid resource type
7	DB2CDEF_INV_VER	Invalid resource version
11	DB2CDEF_NON_MP	Maintenance point CMAS not available
12	DB2CDEF_INV_CONTEXT	Context not found
13	DB2CDEF_INCONSISTENT_SET	Inconsistent set condition
14	DB2CDEF_INV_RESGROUP	Resource group not found
21	DB2CDEF_INV_ACTION	Invalid action
22	DB2CDEF_INV_RECADDR	Invalid record address
23	DB2CDEF_INV_RECLEN	Invalid record length
24	DB2CDEF_DIFF_VERSION	Different version
25	DB2CDEF_EARLY_NAMELIST_END	Early name list end
26	DB2CDEF_INV_NAMELIST	Invalid name list
27	DB2CDEF_INV_NAME	Invalid name
28	DB2CDEF_INV_MINNAME	Invalid minor name

Table 247. DB2CDEF FEEDBACK error codes (continued)

Value	Code	Description
29	DB2CDEF_NOTIFY	Notify
30	DB2CDEF_PARTIAL_INSTALL	Partial install
31	DB2CDEF_NOTHING_INSTALLED	Nothing installed
32	DB2CDEF_NO_TARGETS	No targets
33	DB2CDEF_NO_RELATED	No related systems
34	DB2CDEF_INV_TSCOPE	Invalid target scope
35	DB2CDEF_INV_RSCOPE	Invalid related scope
36	DB2CDEF_INV_USAGE	Invalid usage
37	DB2CDEF_INV_MODE	Invalid mode
38	DB2CDEF_INV_STATECHK	Invalid state check
39	DB2CDEF_INV_FORCEINS	Invalid force install
40	DB2CDEF_INV_NOTIFY	Invalid notify
41	DB2CDEF_INV_OVERTYPE	Invalid over type
42	DB2CDEF_INV_OVRBLOCK	Invalid override block
43	DB2CDEF_INV_ORSTRING	Invalid override string
44	DB2CDEF_INV_STRNGTERM	Invalid string terminator
45	DB2CDEF_INV_EMBEDTERM	Invalid embedded terminator
46	DB2CDEF_INV_ATTRIBUTE	Invalid attribute
47	DB2CDEF_INV_LITERAL	Invalid literal
48	DB2CDEF_INV_ORSTGNA	Invalid override string
49	DB2CDEF_SCOPE_REQUIRED	Scope required
50	DB2CDEF_USAGE_CONFLICT	Usage conflict
51	DB2CDEF_NODEFS_SELECTED	No definitions selected
52	DB2CDEF_MORE_THAN_1_RELSYS	More than one related system
53	DB2CDEF_MISSING_RELSYSID	Missing related system identifier
54	DB2CDEF_SCOPE_CONFLICT	Scope conflict
55	DB2CDEF_INV_CSDGROUP	Invalid CSD group
56	DB2CDEF_REC_NOT_REMOVED	Record not removed
57	DB2CDEF_INV_RESOURCE	Invalid resource
58	DB2CDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	DB2CDEF_PARTIAL_ACTION	Partial action
60	DB2CDEF_NOTHING_ACTIONED	Nothing actioned
61	DB2CDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 247. DB2CDEF FEEDBACK error codes (continued)

Value	Code	Description
62	DB2CDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	DB2CDEF_CSD_ERROR	CSD access error

Table 248. DB2CDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
ACCOUNTREC	CVDAS	CPSM	4	Yes	LIKE	Accounting record option	NONE			22
ACCOUNTREC Input/output valid values	NONE, UOW, TASK, TXID									
AUTHID	CHAR	CPSM	8	No	DIFF	Pool thread authorization ID				23
AUTHTYPE	CVDAS	CPSM	4	Yes	LIKE	Pool thread authorization type	NOTAPPLIC			24
AUTHTYPE Input/output valid values	USERID, GROUP, TERM, TX, OPID, SIGN, NOTAPPLIC									
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	43
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	45
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	44
COMAUTHID	CHAR	CPSM	8	No	DIFF	Command thread authorization ID				32
COMAUTHTYPE	CVDAS	CPSM	4	Yes	LIKE	Command thread authorization type	NOTAPPLIC			33
COMAUTHTYPE Input/output valid values	USERID, GROUP, TERM, TX, OPID, SIGN, NOTAPPLIC									
COMTHREADLIM	CHAR	CPSM	4	Yes	DIFF	Maximum number of command threads	3	0-2000		31
CONNECTERROR	CVDAS	CPSM	4	Yes	LIKE	Connection error processing option	SQLCODE			9
CONNECTERROR Input/output valid values	ABEND, SQLCODE									
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				34
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	47
DB2GROUPID	CHAR	CPSM	4	No	DIFF	DB2 data sharing group ID				40
DB2ID	CHAR	CPSM	4	No	DIFF	DB2 subsystem ID				10
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		42
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				38
DROLLBACK	EYUDA	CPSM	4	Yes	LIKE	Deadlock resolution rollback option	YES			25
DROLLBACK Input/output valid values	YES, NO									

Table 248. DB2CDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
MSGQUEUE1	CHAR	CPSM	4	Yes	DIFF	Unsolicited error message TDQ name 1	CDB2			11
MSGQUEUE2	CHAR	CPSM	4	No	DIFF	Unsolicited error message TDQ name 2				12
MSGQUEUE3	CHAR	CPSM	4	No	DIFF	Unsolicited error message TDQ name 3				13
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				7
NONTERMREL	EYUDA	CPSM	4	Yes	LIKE	Non-terminal transaction thread-release option	YES			14
NONTERMREL Input/output valid values	YES, NO									
PLAN	CHAR	CPSM	8	No	DIFF	Name of plan used for pool				26
PLANEXITNAME	CHAR	CPSM	8	No	DIFF	Name of dynamic plan exit used for pool threads				27
PRIORITY	CVDAS	CPSM	4	Yes	LIKE	TCB priority	HIGH			28
PRIORITY Input/output valid values	HIGH, LOW, EQUAL									
PURGECYCLEM	CHAR	CPSM	2	Yes	DIFF	Protected thread purge cycle (minutes)	0	0-59		15
PURGECYCLES	CHAR	CPSM	2	Yes	DIFF	Protected thread purge cycle (seconds)	30	0-59		16
RESYNCMEMBER	EYUDA	CPSM	4	Yes	LIKE	Resynchronization member	YES			41
RESYNCMEMBER Input/output valid values	YES, NO									
REUSELIMIT	CHAR	CPSM	5	Yes	LIKE	Thread reuse limit	1000	0-10000	E640 E650 E660	48
SIGNID	CHAR	CPSM	8	No	DIFF	Authorization ID used by CICS-DB2 attach				17
STANDBYMODE	CVDAS	CPSM	4	Yes	LIKE	Standby mode	RECONNECT			18
STANDBYMODE Input/output valid values	RECONNECT, NOCONNECT, CONNECT									
STATSQUEUE	CHAR	CPSM	4	Yes	DIFF	Attachment statistics TDQ name	CDB2			19
TCBLIMIT	CHAR	CPSM	4	Yes	DIFF	Maximum number of connections into DB2	12	4-2000		20
THREADERROR	CVDAS	CPSM	4	Yes	LIKE	Action following thread error	N906D			21
THREADERROR Input/output valid values	ABEND, N906D, N906									
THREADLIMIT	CHAR	CPSM	4	Yes	DIFF	Maximum number of pool threads	3	3-2000		30
THREADWAIT	EYUDA	CPSM	4	Yes	LIKE	Thread wait option	YES			29
THREADWAIT Input/output valid values	YES, NO									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				35
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				36
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				37





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## Chapter 104. DB2CONN Resource Table

A CICS Resource that describes a DB2 connection in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### **REBUILD**

Rebuild the security environment.

### **CONNECT**

Connect to the DB2 environment.

The CONNECT action does have a parameter, BUSY, but this is ignored and deprecated. Applications should not specify the BUSY parameter. Note that the BUSY parameter still applies to DISCONNECT and is a required parameter.

### **DISCONNECT**

Disconnect from the DB2 environment.

The parameter data for the DISCONNECT action is:

```
PARM('BUSY(cvda).')
```

where *cvda* is required and is one of the following valid CVDA values for the DB2 connection busy condition:

WAIT  
NOWAIT  
FORCE

### **FORCE**

Force disconnection from the DB2 environment.

### **DISCARD**

Discard the DB2 connection.

### **External resource name**

CICSDB2Connection

### **Length**

408

### **Usage**

API or WUI or CICS Management Client Interface or EVALDEF

### **API view**

Yes

### **CMAS context**

No

### **SCOPE applies**

Yes

### **Only query CMASs in workload**

No

### **Object type**

CICS Resource

### **Copybook identifier**

EYUt0086

Table 249. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	REBUILD	None	N/A
	CONNECT	BUSY(value)	No
	DISCONNECT	BUSY(WAIT, NOWAIT, FORCE)	Yes
	FORCE	None	N/A
	DISCARD	None	N/A

Table 250. DB2CONN resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			
ACCOUNTREC	CVDAS	INQ	DB2CONN	ACCOUNTREC	4	LIK E	Yes	Accounting record option			2
ACCOUNTREC Input/output valid values	UOW, TXID, NONE, TASK										
AUTHID	CHAR	INQ	DB2CONN	AUTHID	8	DIF F	Yes	Pool thread authorization ID			3
AUTHTYPE	CVDAS	INQ	DB2CONN	AUTHTYPE	4	LIK E	Yes	Pool thread authorization type			4
AUTHTYPE Input/output valid values	GROUP, SIGN, TERM, TX, OPID, USERID										
AUTHTYPE Output valid values	NOTAPPLIC										
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	77
CCALLS	CNUMERIC	STAT	DFHD2GDS	D2G_COMD_C ALLS	4	AVG	No	Number of calls using command threads			55
CHANGEAGENT	CVDAS	INQ	DB2CONN	CHANGEAGENT	4	LIK E	No	Last modification agent		E640 E650	69
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC										
CHANGEAGREL	CHAR	INQ	DB2CONN	CHANGEAGREL	4	DIF F	No	Last modification agent release		E640 E650	70
CHANGETIME	DATETIME	INQ	DB2CONN	CHANGETIME	8	MAX	No	Last modification time		E640 E650	72
CHANGEUSRID	CHAR	INQ	DB2CONN	CHANGEUSRID	8	DIF F	No	Last modification user ID		E640 E650	68
COMAUTHID	CHAR	INQ	DB2CONN	COMAUTHID	8	DIF F	Yes	Command thread authorization ID			7
COMAUTHTYPE	CVDAS	INQ	DB2CONN	COMAUTHTYPE	4	LIK E	Yes	Command thread authorization type			8
COMAUTHTYPE Input/output valid values	CGROUP, CSIGN, CTERM, CTX, COPID, CUSERID										

Table 250. DB2CONN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
COMAUTHTYPE Output valid values	NOTAPPLIC										
COMTHREADLIM	CNUMERIC	INQ	DB2CONN	COMTHREADLIM	4	AVG	Yes	Maximum number of command threads			6
COMTHREADS	CNUMERIC	INQ	DB2CONN	COMTHREADS	4	AVG	No	Number of active command threads			5
CONNECTERROR	CVDAS	INQ	DB2CONN	CONNECTERROR	4	LIKE	Yes	Connection error processing option			9
CONNECTERROR Input/output valid values	ABEND, SQLCODE										
CONNECTST	CVDAS	INQ	DB2CONN	CONNECTST	4	LIKE	Yes	Connection status			10
CONNECTST Input/output valid values	CONNECTED, NOTCONNECTED										
CONNECTST Output valid values	CONNECTING, DISCONNING										
CSIGNONS	CNUMERIC	STAT	DFHD2GDS	D2G_COMD_SIGNONS	4	AVG	No	Number of command thread signons			56
CTCURR	CNUMERIC	STAT	DFHD2GDS	D2G_COMD_T HREAD_CURRENT	4	AVG	No	Current number of command threads			60
CTHWM	CNUMERIC	STAT	DFHD2GDS	D2G_COMD_T HREAD_HWM	4	AVG	No	Peak number of command threads			61
CTIMEGMT	TIMESTP	STAT	DFHD2GDS	D2G_CONNEC T_TIME_GMT	8	MAX	No	GMT connect time			32
CTIMELOC	TIMESTP	STAT	DFHD2GDS	D2G_CONNEC T_TIME_LOCAL	8	MAX	No	Local connect time			33
CTLIMIT	CNUMERIC	STAT	DFHD2GDS	D2G_COMD_T HREAD_LIMIT	4	AVG	No	Maximum number of command threads			59
CTOVERF	CNUMERIC	STAT	DFHD2GDS	D2G_COMD_T HREAD_OVERF	4	AVG	No	Number of command thread overflows to pool			58
CTTERM	CNUMERIC	STAT	DFHD2GDS	D2G_COMD_T HREAD_TERM	4	AVG	No	Number of command thread terminations			57
DB2GROUPID	CHAR	INQ	DB2CONN	DB2GROUPID	4	DIFF	Yes	DB2 data sharing group ID			65
DB2ID	CHAR	INQ	DB2CONN	DB2ID	4	DIFF	Yes	DB2 subsystem ID			11
DB2RELEASE	CHAR	INQ	DB2CONN	DB2RELEASE	4	DIFF	No	DB2 version and release			12
DEFINESOURCE	CHAR	INQ	DB2CONN	DEFINESOURCE	8	DIFF	No	Source of the resource definition		E640 E650	73
DEFINETIME	DATETIME	INQ	DB2CONN	DEFINETIME	8	MAX	No	Creation time		E640 E650	74
DROLLBACK	CVDAS	INQ	DB2CONN	DROLLBACK	4	LIKE	No	Deadlock resolution rollback option			13
DROLLBACK Output valid values	ROLLBACK, NOROLLBACK										
DTIMEGMT	TIMESTP	STAT	DFHD2GDS	D2G_DISCON NECT_TIME_GMT	8	MAX	No	GMT disconnect time			34
DTIMELOC	TIMESTP	STAT	DFHD2GDS	D2G_DISCON NECT_TIME_LOCAL	8	MAX	No	Local disconnect time			35

Table 250. DB2CONN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
INSTALLAGENT	CVDAS	INQ	DB2CONN	INSTALLAGENT	4	LIKE	No	Installation agent		E640 E650	71
INSTALLAGENT Input/ output valid values	CSDAPI, CREATESPI, GRPLIST										
INSTALLTIME	DATETIME	INQ	DB2CONN	INSTALLTIME	8	MAX	No	Installation time		E640 E650	76
INSTALLUSRID	CHAR	INQ	DB2CONN	INSTALLUSRID	8	DIFF	No	Installation user ID		E640 E650	75
MSGQUEUE1	CHAR	INQ	DB2CONN	MSGQUEUE1	4	DIFF	Yes	Unsolicited error message TDQ name 1			14
MSGQUEUE2	CHAR	INQ	DB2CONN	MSGQUEUE2	4	DIFF	Yes	Unsolicited error message TDQ name 2			15
MSGQUEUE3	CHAR	INQ	DB2CONN	MSGQUEUE3	4	DIFF	Yes	Unsolicited error message TDQ name 3			16
<b>NAME-1</b>	CHAR	INQ	SYSTEM	DB2CONN	8	DIFF	No	DB2 connection name			1
NONTERMREL	CVDAS	INQ	DB2CONN	NONTERMREL	4	LIKE	Yes	Non-terminal transaction thread-release option			17
NONTERMREL Input/ output valid values	RELEASE, NORELEASE										
PABORTS	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_ABORTS	4	AVG	No	Number of pool thread aborts			42
PCALLS	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_CALLS	4	AVG	No	Number of calls using pool threads			39
PCOMMITS	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_COMMITS	4	AVG	No	Number of pool thread commits			41
PLAN	CHAR	INQ	DB2CONN	PLAN	8	DIFF	Yes	Name of plan used for pool			18
PLANEXITNAME	CHAR	INQ	DB2CONN	PLANEXITNAME	8	DIFF	Yes	Name of dynamic plan exit used for pool threads			19
PPSIGNONS	BINARY	STAT	DFHD2GDS	D2G_POOL_PARTIAL_SIGNONS	4	AVG	No	Number of pool thread partial signons		E640 E650 E660 E670 E680 E690 E700	81
PREUSELIMCT	BINARY	STAT	DFHD2GDS	D2G_POOL_REUSELIMIT_COUNT	4	AVG	No	Number of times a pool thread reached REUSELIMIT		E640 E650 E660	80
PRIORITY	CVDAS	INQ	DB2CONN	PRIORITY	4	LIKE	Yes	TCB priority			20
PRIORITY Input/ output valid values	HIGH, EQUAL, LOW										
PRQCUR	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_READYQ_CURRENT	4	AVG	No	Current number of tasks waiting for pool thread			53
PRQHWM	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_READYQ_HWM	4	AVG	No	Peak number of tasks waiting for pool thread			54
PSIGNONS	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_SIGNONS	4	AVG	No	Number of pool thread signons			40
PSPHASE	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_SINGLE_PHASE	4	AVG	No	Number of units of work with single phase commit			43

Table 250. DB2CONN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
PTCREATE	BINARY	STAT	DFHD2GDS	D2G_POOL_T HREAD_CREATE	4	AVG	No	Number of times threads created		E640 E650 E660 E670 E680 E690 E700	82
PTCURR	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_T HREAD_CURRENT	4	AVG	No	Current number of active pool threads			48
PTHWM	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_T HREAD_HWM	4	AVG	No	Peak number of active pool threads			49
PTLIMIT	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_T HREAD_LIMIT	4	AVG	No	Maximum number of pool threads			47
PTREUSE	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_T HREAD_REUSE	4	AVG	No	Number of times transactions reused pool threads			44
PTTERM	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_T HREAD_TERM	4	AVG	No	Number of times threads terminated			45
PTWAIT	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_T HREAD_WAITS	4	AVG	No	Number of pool thread waits			46
PURGECYCLEM	CNUMERIC	INQ	DB2CONN	PURGECYCLEM	4	AVG	Yes	Protected thread purge cycle (minutes)			21
PURGECYCLES	CNUMERIC	INQ	DB2CONN	PURGECYCLES	4	AVG	Yes	Protected thread purge cycle (seconds)			22
PXCURR	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_T ASK_CURRENT	4	AVG	No	Current number of tasks using a pool thread			50
PXHWM	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_T ASK_HWM	4	AVG	No	Peak number of tasks using a pool thread			51
PXTOTAL	CNUMERIC	STAT	DFHD2GDS	D2G_POOL_T ASK_TOTAL	4	AVG	No	Total number of tasks that used a pool thread			52
RESYNCMEMBER	CVDAS	INQ			4	LIKE	Yes	Resynchronization member			66
RESYNCMEMBER Input/output valid values	RESYNC, NORESYNC, NOTAPPLIC										
REUSELIMIT	BINARY	INQ	DB2CONN	REUSELIMIT	4	AVG	Yes	Thread reuse limit		E640 E650 E660	79
SIGNID	CHAR	INQ	DB2CONN	SIGNID	8	DIFF	Yes	Authorization ID used by CICS-DB2 attach			23
STANDBYMODE	CVDAS	INQ	DB2CONN	STANDBYMODE	4	LIKE	Yes	Standby mode action			31
STANDBYMODE Input/ output valid values	NOCONNECT, CONNECT, RECONNECT										
STATSQUEUE	CHAR	INQ	DB2CONN	STATSQUEUE	4	DIFF	Yes	Attachment statistics TDQ name			24
TCBFREE	CNUMERIC	STAT	DFHD2GDS	D2G_TCB_FREE	4	AVG	No	Current number of connections without a TCB			62
TCBLIMIT	CNUMERIC	INQ	DB2CONN	TCBLIMIT	4	AVG	Yes	Maximum number of connections (TCBLIMIT)			26

Table 250. DB2CONN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
TCBPROTCUR	BINARY	STAT	DFHD2GDS	D2G_TCB_PROTECTED_CUR RENT	4	AVG	No	current number of connections with pthreads		E640 E650 E660 E670 E680 E690 E700 E710	83
TCBRDYQCURR	CNUMERIC	STAT	DFHD2GDS	D2G_TCB_READYQ_CURR ENT	4	AVG	No	Current number of tasks waiting for a connection			63
TCBRDYQHWM	CNUMERIC	STAT	DFHD2GDS	D2G_TCB_READYQ_HWM	4	AVG	No	Peak number of tasks waiting for a connection			64
TCBS	CNUMERIC	INQ	DB2CONN	TCBS	4	AVG	No	Current number of connections with a TCB			25
TCURR	CNUMERIC	STAT	DFHD2GDS	D2G_TCB_CURRENT	4	AVG	No	Current number of connections with a TCB			37
THREADERROR	CVDAS	INQ	DB2CONN	THREADERROR	4	LIKE	No	Action following thread error			27
THREADERROR Output valid values	ABEND, N906D, N906										
THREADLIMIT	CNUMERIC	INQ	DB2CONN	THREADLIMIT	4	AVG	Yes	Maximum number of pool threads			29
THREADS	CNUMERIC	INQ	DB2CONN	THREADS	4	AVG	No	Number of active pool threads			30
THREADWAIT	CVDAS	INQ	DB2CONN	THREADWAIT	4	LIKE	Yes	Thread wait option			28
THREADWAIT Input/output valid values	TWAIT, NOTWAIT										
THWM	CNUMERIC	STAT	DFHD2GDS	D2G_TCB_HWM	4	AVG	No	Peak number of subtask TCBs			38
TLIMIT	CNUMERIC	STAT	DFHD2GDS	D2G_TCB_LIMIT	4	AVG	No	Current maximum number of subtask TCBs			36

## Chapter 105. DB2EDEF Resource Table

A CICS Definition that describes the properties of a DB2 entry definition.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a DB2 entry definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionDb2Entry

### Length

200

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3818

<i>Table 251. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

<i>Table 251. Valid CPSM operations (continued)</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

<i>Table 252. DB2EDEF FEEDBACK error codes</i>		
<b>Value</b>	<b>Code</b>	<b>Description</b>
1	DB2EDEF_INV_DATA	Attribute data invalid
2	DB2EDEF_REC_NOT_FOUND	Requested resource not found
4	DB2EDEF_REC_EXISTS	Resource already exists
5	DB2EDEF_REC_CHANGED	Resource definition already changed
6	DB2EDEF_INV_RESTYPE	Invalid resource type
7	DB2EDEF_INV_VER	Invalid resource version
11	DB2EDEF_NON_MP	Maintenance point CMAS not available
12	DB2EDEF_INV_CONTEXT	Context not found
13	DB2EDEF_INCONSISTENT_SET	Inconsistent set condition
14	DB2EDEF_INV_RESGROUP	Resource group not found
21	DB2EDEF_INV_ACTION	Invalid action
22	DB2EDEF_INV_RECADDR	Invalid record address
23	DB2EDEF_INV_RECLEN	Invalid record length
24	DB2EDEF_DIFF_VERSION	Different version
25	DB2EDEF_EARLY_NAMELIST_END	Early name list end
26	DB2EDEF_INV_NAMELIST	Invalid name list
27	DB2EDEF_INV_NAME	Invalid name
28	DB2EDEF_INV_MINNAME	Invalid minor name



Table 252. DB2EDEF FEEDBACK error codes (continued)

Value	Code	Description
29	DB2EDEF_NOTIFY	Notify
30	DB2EDEF_PARTIAL_INSTALL	Partial install
31	DB2EDEF_NOTHING_INSTALLED	Nothing installed
32	DB2EDEF_NO_TARGETS	No targets
33	DB2EDEF_NO_RELATED	No related systems
34	DB2EDEF_INV_TSCOPE	Invalid target scope
35	DB2EDEF_INV_RSCOPE	Invalid related scope
36	DB2EDEF_INV_USAGE	Invalid usage
37	DB2EDEF_INV_MODE	Invalid mode
38	DB2EDEF_INV_STATECHK	Invalid state check
39	DB2EDEF_INV_FORCEINS	Invalid force install
40	DB2EDEF_INV_NOTIFY	Invalid notify
41	DB2EDEF_INV_OVERTYPE	Invalid over type
42	DB2EDEF_INV_OVRBLOCK	Invalid override block
43	DB2EDEF_INV_ORSTRING	Invalid override string
44	DB2EDEF_INV_STRNGTERM	Invalid string terminator
45	DB2EDEF_INV_EMBEDTERM	Invalid embedded terminator
46	DB2EDEF_INV_ATTRIBUTE	Invalid attribute
47	DB2EDEF_INV_LITERAL	Invalid literal
48	DB2EDEF_INV_ORSTGNA	Invalid override string
49	DB2EDEF_SCOPE_REQUIRED	Scope required
50	DB2EDEF_USAGE_CONFLICT	Usage conflict
51	DB2EDEF_NODEFS_SELECTED	No definitions selected
52	DB2EDEF_MORE_THAN_1_RELSYS	More than one related system
53	DB2EDEF_MISSING_RELSYSID	Missing related system identifier
54	DB2EDEF_SCOPE_CONFLICT	Scope conflict
55	DB2EDEF_INV_CSDGROUP	Invalid CSD group
56	DB2EDEF_REC_NOT_REMOVED	Record not removed
57	DB2EDEF_INV_RESOURCE	Invalid resource
58	DB2EDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	DB2EDEF_PARTIAL_ACTION	Partial action
60	DB2EDEF_NOTHING_ACTIONED	Nothing actioned
61	DB2EDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 252. DB2EDEF FEEDBACK error codes (continued)

Value	Code	Description
62	DB2EDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	DB2EDEF_CSD_ERROR	CSD access error

Table 253. DB2EDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
ACCOUNTREC	CVDAS	CPSM	4	Yes	LIKE	Accounting record option	NONE			10
ACCOUNTREC Input/output valid values	NONE, UOW, TASK, TXID									
AUTHID	CHAR	CPSM	8	No	DIFF	Thread authorization ID				12
AUHTYPE	CVDAS	CPSM	4	Yes	LIKE	Authorization type	NOTAPPLIC			13
AUHTYPE Input/output valid values	NOTAPPLIC, GROUP, SIGN, TERM, TX, OPID, USERID									
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	26
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	28
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	27
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				20
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	30
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		25
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				24
DROLLBACK	EYUDA	CPSM	4	Yes	LIKE	Deadlock rollback option	YES			14
DROLLBACK Input/output valid values	YES, NO									
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				7
PLAN	CHAR	CPSM	8	No	DIFF	Plan name				15
PLANEXITNAME	CHAR	CPSM	8	No	DIFF	Dynamic plan exit name				16
PRIORITY	CVDAS	CPSM	4	Yes	LIKE	TCB priority	HIGH			17
PRIORITY Input/output valid values	HIGH, EQUAL, LOW									
PROTECTNUM	CHAR	CPSM	4	Yes	DIFF	Maximum number of protected threads	0	0-2000		18
THREADLIMIT	CHAR	CPSM	4	Yes	DIFF	Maximum number of active threads	0	0-2000		11
THREADWAIT	EYUDA	CPSM	4	Yes	LIKE	Thread wait option	POOL			19
THREADWAIT Input/output valid values	POOL, YES, NO									
TRANSID	CHAR	CPSM	4	Yes	DIFF	Transaction ID				9
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				21
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				22

Table 253. DB2EDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				23



## Chapter 106. DB2ENTRY Resource Table

A CICS Resource that describes a DB2 entry in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### **DISCARD**

Discard the DB2 entry.

### **DISABLE**

Disable the DB2 entry.

The parameter data for the DISABLE action is:

```
PARM('BUSY(cvda).')
```

where *cvda* is required and is one of the following valid CVDA values for the DB2 entry busy condition:

WAIT  
NOWAIT  
FORCE

### **External resource name**

CICSdb2Entry

### **Length**

248

### **Usage**

API or WUI or CICS Management Client Interface or EVALDEF

### **API view**

Yes

### **CMAS context**

No

### **SCOPE applies**

Yes

### **Only query CMASs in workload**

No

### **Object type**

CICS Resource

### **Copybook identifier**

EYUt0087

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISABLE	BUSY(WAIT, NOWAIT, FORCE)	Yes
	DISCARD	None	N/A
	ENABLE	None	N/A

Table 255. DB2ENTRY resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			
ABORTS	CNUMERIC	STAT	DFHD2RDS	D2R_ABORTS	4	AVG	No	Number of aborts			19
ACCOUNTREC	CVDAS	INQ	DB2ENTRY	ACCOUNTREC	4	LIK E	Yes	Accounting record option			2
ACCOUNTREC Input/output valid values	NONE, TASK, TXID, UOW										
AUTHID	CHAR	INQ	DB2ENTRY	AUTHID	8	DIF F	Yes	Thread authorization ID			6
AUTHTYPE	CVDAS	INQ	DB2ENTRY	AUTHTYPE	4	LIK E	Yes	Authorization type			7
AUTHTYPE Input/output valid values	GROUP, SIGN, TERM, TX, OPID, USERID										
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	44
CALLS	CNUMERIC	STAT	DFHD2RDS	D2R_CALLS	4	AVG	No	Number of calls			16
CHANGEAGENT	CVDAS	INQ	DB2ENTRY	CHANGEAGENT	4	LIK E	No	Last modification agent		E640 E650	35
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC										
CHANGEAGREL	CHAR	INQ	DB2ENTRY	CHANGEAGREL	4	DIF F	No	Last modification agent release		E640 E650	37
CHANGETIME	DATETIME	INQ	DB2ENTRY	CHANGETIME	8	MAX	No	Last modification time		E640 E650	38
CHANGEUSRID	CHAR	INQ	DB2ENTRY	CHANGEUSRID	8	DIF F	No	Last modification user ID		E640 E650	36
COMMITTS	CNUMERIC	STAT	DFHD2RDS	D2R_COMMITTS	4	AVG	No	Number of commits			18
DEFINESOURCE	CHAR	INQ	DB2ENTRY	DEFINESOURCE	8	DIF F	No	Source of the resource definition		E640 E650	39
DEFINETIME	DATETIME	INQ	DB2ENTRY	DEFINETIME	8	MAX	No	Creation time		E640 E650	40
DISABLEDACT	CVDAS	INQ	DB2ENTRY	DISABLEDACT	4	LIK E	Yes	Disabled action			3
DISABLEDACT Input/output valid values	ABEND, SQLCODE, POOL										
DROLLBACK	CVDAS	INQ	DB2ENTRY	DROLLBACK	4	LIK E	No	Deadlock rollback option			8
DROLLBACK Output valid values	ROLLBACK, NOROLLBACK										
ENABLESTATUS	CVDAS	INQ	DB2ENTRY	ENABLESTATUS	4	LIK E	Yes	Enabled status			9
ENABLESTATUS Input/output valid values	ENABLED, DISABLED										
ENABLESTATUS Output valid values	DISABLING										
INSTALLAGENT	CVDAS	INQ	DB2ENTRY	INSTALLAGENT	4	LIK E	No	Installation agent		E640 E650	43
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST										

Table 255. DB2ENTRY resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
INSTALLTIME	DATETIME	INQ	DB2ENTRY	INSTALLTIME	8	MAX	No	Installation time		E640 E650	42
INSTALLUSRID	CHAR	INQ	DB2ENTRY	INSTALLUSRID	8	DIFF	No	Installation user ID		E640 E650	41
NAME-1	CHAR	INQ			8	DIFF	No	DB2 entry name			1
PLAN	CHAR	INQ	DB2ENTRY	PLAN	8	DIFF	Yes	Plan name			10
PLANEXITNAME	CHAR	INQ	DB2ENTRY	PLANEXITNAME	8	DIFF	Yes	Dynamic plan exit name			11
PRIORITY	CVDAS	INQ	DB2ENTRY	PRIORITY	4	LIKE	Yes	TCB priority			12
PRIORITY Input/ output valid values	HIGH, EQUAL, LOW										
PROTECTNUM	CNUMERIC	INQ	DB2ENTRY	PROTECTNUM	4	AVG	Yes	Maximum number of protected threads			15
PSIGNONS	BINARY	STAT	DFHD2RDS	D2R_PARTIAL_SIGNONS	4	AVG	No	Number of partial signons		E640 E650 E660 E670 E680 E690 E700	47
PTCURR	CNUMERIC	STAT	DFHD2RDS	D2R_PTHREAD_CURRENT	4	AVG	No	Current number of protected threads			28
PTHREADS	CNUMERIC	INQ	DB2ENTRY	PTHREADS	4	AVG	No	Number of protected threads			4
PTHWM	CNUMERIC	STAT	DFHD2RDS	D2R_PTHREAD_HWM	4	AVG	No	Peak number of protected threads			29
PTLIM	CNUMERIC	STAT	DFHD2RDS	D2R_PTHREAD_LIMIT	4	AVG	No	Maximum number of protected threads			27
REUSELIMCT	BINARY	STAT	DFHD2RDS	D2R_REUSELIMIT_COUNT	4	AVG	No	Number of times a DB2ENTRY thread reached REUSELIMIT		E640 E650 E660	46
RQCUR	CNUMERIC	STAT	DFHD2RDS	D2R_READYQ_CURRENT	4	AVG	No	Current number of tasks waiting for thread			33
RQHWM	CNUMERIC	STAT	DFHD2RDS	D2R_READYQ_HWM	4	AVG	No	Peak number of tasks waiting for thread			34
SIGNONS	CNUMERIC	STAT	DFHD2RDS	D2R_SIGNONS	4	AVG	No	Number of signons			17
SPHASE	CNUMERIC	STAT	DFHD2RDS	D2R_SINGLE_PHASE	4	AVG	No	Number of UOWs with single phase commit			20
TCREATE	BINARY	STAT	DFHD2RDS	D2R_THREAD_CREATE	4	AVG	No	Number of times threads created		E640 E650 E660 E670 E680 E690 E700	48
TCURR	CNUMERIC	STAT	DFHD2RDS	D2R_THREAD_CURRENT	4	AVG	No	Current number of threads			25
THREADLIMIT	CNUMERIC	INQ	DB2ENTRY	THREADLIMIT	4	AVG	Yes	Maximum number of active threads			14
THREADS	CNUMERIC	INQ	DB2ENTRY	THREADS	4	AVG	No	Number of active threads			5
THREADWAIT	CVDAS	INQ	DB2ENTRY	THREADWAIT	4	LIKE	Yes	Thread wait option			13

Table 255. DB2ENTRY resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
THREADWAIT Input/output valid values	TWAIT, NOTWAIT, TPOOL										
THWM	CNUMERIC	STAT	DFHD2RDS	D2R_THREAD_HWM	4	AVG	No	Peak number of active threads			26
TLIMIT	CNUMERIC	STAT	DFHD2RDS	D2R_THREAD_LIMIT	4	AVG	No	Maximum number of threads			24
TREUSE	CNUMERIC	STAT	DFHD2RDS	D2R_THREAD_REUSE	4	AVG	No	Number of times threads reused			21
TTERM	CNUMERIC	STAT	DFHD2RDS	D2R_THREAD_TERM	4	AVG	No	Number of times threads terminated			22
TWORO	CNUMERIC	STAT	DFHD2RDS	D2R_THREAD_WAIT_OR_OVERFLOW	4	AVG	No	Number of thread waits or overflows			23
XCURR	CNUMERIC	STAT	DFHD2RDS	D2R_TASK_CURRENT	4	AVG	No	Current number of tasks			30
XHWM	CNUMERIC	STAT	DFHD2RDS	D2R_TASK_HWM	4	AVG	No	Peak number of tasks			31
XTOTAL	CNUMERIC	STAT	DFHD2RDS	D2R_TASK_TOTAL	4	AVG	No	Total number of tasks			32



## Chapter 107. DB2PKGST Resource Table

A CICS Resource that describes a DB2 packageset associated with a CICS Platform or a CICS Cloud application.

The **Primary** key field for this resource class is NAME. In addition, a parameter or criteria is required to name a platform or an application name and its major, minor and micro version.

**External resource name**

CICSDb2Packageset

**Length**

352

**Usage**

API or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0216

*Table 256. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		APPLICATION(value)	No
		APPLMAJORVER(value)	No
		APPLMICROVER(value)	No
		APPLMINORVER(value)	No
		PLATFORM(value)	Yes

*Table 257. DB2PKGST resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
BASEAPMAJVER	BINARY	INQ			4	MAX	Base application major version	13
BASEAPMICVER	BINARY	INQ			4	MAX	Base application micro version	15
BASEAPMINVER	BINARY	INQ			4	MAX	Base application minor version	14

Table 257. DB2PKGST resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
BASEAPPLICTN	CHAR	INQ			64	DIFF	Base application name	12
BASEPLATFORM	CHAR	INQ			64	DIFF	Base platform name	11
CHANGEAGENT	CVDAS	INQ			4	LIKE	Last modification agent	2
CHANGEAGENT Input/ output valid values	CSDAPI, CREATESPI, CSDBATCH, DREPAPI, NOTAPPLIC							
CHANGEAGREL	CHAR	INQ			4	DIFF	Last modification agent release	3
CHANGETIME	DATETIME	INQ			8	MAX	Last modification time	7
CHANGEUSRID	CHAR	INQ			8	DIFF	Last modification user ID	4
DEFINESOURCE	CHAR	INQ			8	DIFF	Source of the resource definition	5
DEFINETIME	DATETIME	INQ			8	MAX	Creation time	6
ENABLESTATUS	CVDAS	INQ			4	LIKE	Enabled status	16
ENABLESTATUS Input/ output valid values	ENABLED, DISABLED							
INSTALLAGENT	CVDAS	INQ			4	LIKE	Installation agent	9
INSTALLAGENT Input/ output valid values	BUNDLE							
INSTALLTIME	DATETIME	INQ			8	MAX	Installation time	8
INSTALLUSRID	CHAR	INQ			8	DIFF	Installation user ID	10
<b>NAME-1</b>	CHAR	INQ			128	DIFF	DB2 Packageset	1

# Chapter 108. DB2SS Resource Table

A CICS Resource that describes the attachment between an active CICS system and a DB2 subsystem.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

**Length**

80

**Usage**

API or WUI or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0032

Table 258. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 259. DB2SS resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
CURTHREAD	BINARY	CPSM			4	AVG	Number of current active tasks	11
ERRDEST1	CHAR	CPSM	DB2CONN	MSGQUEUE1	4	DIFF	First error destination	8
ERRDEST2	CHAR	CPSM	DB2CONN	MSGQUEUE2	4	DIFF	Second error destination	9
ERRDEST3	CHAR	CPSM	DB2CONN	MSGQUEUE3	4	DIFF	Third error destination	10
LOCATION	CHAR	CPSM			4	DIFF	MVS system ID	2
MAXTHREAD	BINARY	CPSM	DB2CONN	TCBLIMIT	4	AVG	Maximum number of threads	12
<b>NAME-1</b>	CHAR	CPSM	DB2CONN	DB2ID	4	DIFF	DB2 ID	1
PLANENRTRC	BINARY	CPSM			2	AVG	Plan allocation entry trace ID	13
PLANEXITRC	BINARY	CPSM			2	AVG	Plan allocation exit trace ID	14
RCTNAME	CHAR	CPSM	SYSTEM	DB2CONN	8	DIFF	DB2 connection name	6

Table 259. DB2SS resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
RELEASE	CHAR	CPSM	DB2CONN	DB2RELEASE	4	DIFF	DB2 subsystem release level	3
SNAPCLASS	CHAR	CPSM			1	DIFF	Snap dump output class	16
SQLTRCID	BINARY	CPSM			2	AVG	SQL trace ID	15
STATSDEST	CHAR	CPSM	DB2CONN	STATSQUEUE	4	DIFF	Transient data destination for CICS DB2 statistics	7
STATUS	EYUDA	CPSM			4	LIKE	DB2 CICS attachment status	4
STATUS Output valid values	ACTIVE, INACTIVE, WAITING, QUIESCING, CONNECTING, DISCONNECTING							
WAIT	EYUDA	CPSM			4	LIKE	Wait for DB2 subsystem option	5
WAIT Output valid values	YES, NO, RECONNECT							

## Chapter 109. DB2TDEF Resource Table

A CICS Definition that describes the relationship between a transaction and its related DB2 Entry.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a DB2 transaction definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionDb2Transaction

### Length

152

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3819

<i>Table 260. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Value	Code	Description
1	DB2TDEF_INV_DATA	Attribute data invalid
2	DB2TDEF_REC_NOT_FOUND	Requested resource not found
4	DB2TDEF_REC_EXISTS	Resource already exists
5	DB2TDEF_REC_CHANGED	Resource definition already changed
6	DB2TDEF_INV_RESTYPE	Invalid resource type
7	DB2TDEF_INV_VER	Invalid resource version
11	DB2TDEF_NON_MP	Maintenance point CMAS not available
12	DB2TDEF_INV_CONTEXT	Context not found
13	DB2TDEF_INCONSISTENT_SET	Inconsistent set condition
14	DB2TDEF_INV_RESGROUP	Resource group not found
21	DB2TDEF_INV_ACTION	Invalid action
22	DB2TDEF_INV_RECADDR	Invalid record address
23	DB2TDEF_INV_RECLEN	Invalid record length
24	DB2TDEF_DIFF_VERSION	Different version
25	DB2TDEF_EARLY_NAMELIST_END	Early name list end
26	DB2TDEF_INV_NAMELIST	Invalid name list
27	DB2TDEF_INV_NAME	Invalid name
28	DB2TDEF_INV_MINNAME	Invalid minor name

Table 261. DB2TDEF FEEDBACK error codes (continued)

Value	Code	Description
29	DB2TDEF_NOTIFY	Notify
30	DB2TDEF_PARTIAL_INSTALL	Partial install
31	DB2TDEF_NOTHING_INSTALLED	Nothing installed
32	DB2TDEF_NO_TARGETS	No targets
33	DB2TDEF_NO_RELATED	No related systems
34	DB2TDEF_INV_TSCOPE	Invalid target scope
35	DB2TDEF_INV_RSCOPE	Invalid related scope
36	DB2TDEF_INV_USAGE	Invalid usage
37	DB2TDEF_INV_MODE	Invalid mode
38	DB2TDEF_INV_STATECHK	Invalid state check
39	DB2TDEF_INV_FORCEINS	Invalid force install
40	DB2TDEF_INV_NOTIFY	Invalid notify
41	DB2TDEF_INV_OVERTYPE	Invalid over type
42	DB2TDEF_INV_OVRBLOCK	Invalid override block
43	DB2TDEF_INV_ORSTRING	Invalid override string
44	DB2TDEF_INV_STRNGTERM	Invalid string terminator
45	DB2TDEF_INV_EMBEDTERM	Invalid embedded terminator
46	DB2TDEF_INV_ATTRIBUTE	Invalid attribute
47	DB2TDEF_INV_LITERAL	Invalid literal
48	DB2TDEF_INV_ORSTGNA	Invalid override string
49	DB2TDEF_SCOPE_REQUIRED	Scope required
50	DB2TDEF_USAGE_CONFLICT	Usage conflict
51	DB2TDEF_NODEFS_SELECTED	No definitions selected
52	DB2TDEF_MORE_THAN_1_RELSYS	More than one related system
53	DB2TDEF_MISSING_RELSYSID	Missing related system identifier
54	DB2TDEF_SCOPE_CONFLICT	Scope conflict
55	DB2TDEF_INV_CSDGROUP	Invalid CSD group
56	DB2TDEF_REC_NOT_REMOVED	Record not removed
57	DB2TDEF_INV_RESOURCE	Invalid resource
58	DB2TDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	DB2TDEF_PARTIAL_ACTION	Partial action
60	DB2TDEF_NOTHING_ACTIONED	Nothing actioned
61	DB2TDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 261. DB2TDEF FEEDBACK error codes (continued)

Value	Code	Description
62	DB2TDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	DB2TDEF_CSD_ERROR	CSD access error

Table 262. DB2TDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	17
CHANGEAGENT Input/ output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	19
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	18
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				11
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	21
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		16
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				15
ENTRY	CHAR	CPSM	8	Yes	DIFF	Name of associated DB2 entry				9
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				7
TRANSID	CHAR	CPSM	4	No	DIFF	Transaction ID associated with DB2 entry				10
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				12
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				13
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				14



# Chapter 110. DB2THRD Resource Table

A CICS Resource that describes an attachment thread from an active CICS system to a DB2 subsystem.  
The **Primary** key field for this resource class is INITTRAN.

**External resource name**

**Length**

96

**Usage**

API or WUI or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0033

*Table 263. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A

*Table 264. DB2THRD resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
ABORTCNT	BINARY	CPSM	DFHD2RDS	D2R_ABORTS	4	AVG	Number of aborts	14
AUTHCNT	BINARY	CPSM	DFHD2RDS	D2R_SIGNONS	4	AVG	Number of authorizations performed	11
AUHTYPE	EYUDA	CPSM			4	LIKE	Authorization type	2
AUHTYPE Output valid values	USER, TERMID, TRANID, SIGNID, CHARSTR, USERID, RACFGID, NULL, NA							
CURTHREADS	BINARY	CPSM			2	AVG	Number of current threads	6
DPMODE	EYUDA	CPSM			4	LIKE	Dispatching mode	3
DPMODE Output valid values	HIGH, LOW, EQ							
<b>INITTRAN-1</b>	CHAR	CPSM			4	DIFF	Initial transaction	1
MAXTHREADS	BINARY	CPSM			2	AVG	Maximum number of threads	5
NAME	CHAR	CPSM			4	DIFF	DB2 subsystem	18

Table 264. DB2THRD resource table attributes (continued)								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
OTHERIDS	BINARY	CPSM			4	AVG	Number of transactions in group	16
PLANNAME	CHAR	CPSM			8	DIFF	Plan	10
PLANPRGM	CHAR	CPSM			8	DIFF	Dynamic plan exit for pool threads	9
READCOMMIT	BINARY	CPSM	DFHD2RDS	D2R_SINGLE_PHASE	4	AVG	Number of read-only commits	15
ROLLBACKOPT	EYUDA	CPSM			4	LIKE	Rollback option	4
ROLLBACKOPT Output valid values	YES, NO							
RSVTHREADS	BINARY	CPSM			4	AVG	Number of reserved threads	7
THREADHWM	BINARY	CPSM	DFHD2RDS	D2R_THREAD_HWM	2	AVG	Peak number of concurrent threads in use	17
THREADWAIT	BINARY	CPSM	DFHD2RDS	D2R_THREAD_WAIT_OR_OVERFLOW	4	AVG	Number of thread waits	13
THREADWOPT	EYUDA	CPSM			4	LIKE	Thread wait option	8
THREADWOPT Output valid values	TWAIT, NOTWAIT, POOL, YES, NO, NA							
USECOUNT	BINARY	CPSM	DFHD2RDS	D2R_CALLS	4	AVG	Number of times plan used	12

# Chapter 111. DB2TRAN Resource Table

A CICS Resource that describes a transaction defined as using a DB2 thread and resource.

The **Primary** key field for this resource class is INITTRAN.

The **Secondary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

**Length**

24

**Usage**

API or WUI

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0034

*Table 265. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A

*Table 266. DB2TRAN resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
<b>INITTRAN-1</b>	CHAR	CPSM			4	DIFF	Initial transaction	1
<b>NAME-2</b>	CHAR	CPSM			4	DIFF	Associated transaction ID	2



## Chapter 112. DB2TRN Resource Table

A CICS Resource that describes a DB2 transaction in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### DISCARD

Discard the DB2 transaction.

These actions require no unique parameter data.

### External resource name

CICSdb2Transaction

### Length

120

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0088

Table 267. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 268. DB2TRN resource table attributes											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	15

Table 268. DB2TRN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
CHANGEAGENT	CVDAS	INQ	DB2TRAN	CHANGEAGENT	4	LIKE	No	Last modification agent		E640 E650	6
CHANGEAGENT Input/ output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBatch, DYNAMIC, CREATESPI, NOTAPPLIC										
CHANGEAGREL	CHAR	INQ	DB2TRAN	CHANGEAGREL	4	DIFF	No	Last modification agent release		E640 E650	8
CHANGETIME	DATETIME	INQ	DB2TRAN	CHANGETIME	8	MAX	No	Last modification time		E640 E650	10
CHANGEUSRID	CHAR	INQ	DB2TRAN	CHANGEUSRID	8	DIFF	No	Last modification user ID		E640 E650	7
DB2ENTRY	CHAR	INQ	DB2TRAN	DB2ENTRY	8	DIFF	Yes	DB2 entry name for DB2TRN			2
DEFINESOURCE	CHAR	INQ	DB2TRAN	DEFINESOURCE	8	DIFF	No	Source of the resource definition		E640 E650	11
DEFINETIME	DATETIME	INQ	DB2TRAN	DEFINETIME	8	MAX	No	Creation time		E640 E650	12
INSTALLAGENT	CVDAS	INQ	DB2TRAN	INSTALLAGENT	4	LIKE	No	Installation agent		E640 E650	9
INSTALLAGENT Input/ output valid values	CSDAPI, CREATESPI, DYNAMIC, GRPLIST										
INSTALLTIME	DATETIME	INQ	DB2TRAN	INSTALLTIME	8	MAX	No	Installation time		E640 E650	14
INSTALLUSRID	CHAR	INQ	DB2TRAN	INSTALLUSRID	8	DIFF	No	Installation user ID		E640 E650	13
<b>NAME-1</b>	CHAR	INQ	DB2TRAN	DB2TRAN	8	DIFF	No	DB2 transaction name			1
PLAN	CHAR	CPSM	DB2TRAN	PLAN	8	DIFF	No	Plan name			4
PLANEXITNAME	CHAR	CPSM	DB2TRAN	PLANEXITNAME	8	DIFF	No	Plan exit name			5
TRANSID	CHAR	INQ	DB2TRAN	TRANSID	4	DIFF	Yes	Transaction ID associated with DB2 entry			3

## Chapter 113. DBCTLSS Resource Table

A CICS Resource that describes the connection of an active CICS system to a DBCTL subsystem.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSDBCTLSubsystem

**Length**

104

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0031

<i>Table 269. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A

<i>Table 270. DBCTLSS resource table attributes</i>								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
CICSNAME	CHAR	CPSM	DFHDGB	DGBCAPLD	8	DIFF	CICS system name used to attach	4
DBCTLOVERRIDE	CHAR	CPSM	DFHDGB	DGBIDBID	4	DIFF	DBCTL ID override	16
LOCATION	CHAR	CPSM			4	DIFF	MVS system ID	2
MAXTHRCNT	BINARY	CPSM	DFHDGB	DGBNOMATHD	4	AVG	Number of times maximum threads reached	12
MAXTHRTIME	BINARY	CPSM	DFHDGB	DGBELMAX	4	AVG	Elapsed time at maximum threads condition	13
MAXTHREAD	BINARY	CPSM	DFHDGB	DGBMATHD	2	AVG	Maximum number of threads	10
MINTHRCNT	BINARY	CPSM	DFHDGB	DGBNOMITHD	4	AVG	Number of times minimum threads reached	11
MINTHREAD	BINARY	CPSM	DFHDGB	DGBMITHD	2	AVG	Minimum number of threads	9

Table 270. DBCTLSS resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
NAME-1	CHAR	CPSM	DFHDGB	DGBDBCID	4	DIFF	DBCTL subsystem name	1
PEAKTHREADS	BINARY	CPSM	DFHDGB	DGBHIWAT	4	AVG	Peak number of threads in use	14
PRPNAME	CHAR	CPSM	DFHDGB	DGBSTSU	8	DIFF	Fully qualified startup table name	5
PSBSCHED	BINARY	CPSM	DFHDGB	DGBPSBSU	4	AVG	Number of times PSB successfully scheduled	15
RSENAME	CHAR	CPSM	DFHDGB	DGBRSEN	8	DIFF	Recoverable Service Element (RSE) name	6
STATUS	EYUDA	CPSM	DFHDGB	DGBDSTAT	4	LIKE	DBCTL CICS attachment status	3
STATUS Output valid values	ACTIVE, INACTIVE, WAITING							
TIMEOFF	TIMESTP	CPSM	DFHDGB	DGBDTIME	8	MAX	Time at which disconnect occurred	8
TIMEON	TIMESTP	CPSM	DFHDGB	DGBCTIME	8	MAX	Time at which connect occurred	7



## Chapter 114. DOCDEF Resource Table

A CICS Definition that describes a document template.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a document Template Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionDocumentTemplate

### Length

512

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3824

<i>Table 271. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Value	Code	Description
1	DOCDEF_INV_DATA	Attribute data invalid
2	DOCDEF_REC_NOT_FOUND	Requested resource not found
4	DOCDEF_REC_EXISTS	Resource already exists
5	DOCDEF_REC_CHANGED	Resource definition already changed
6	DOCDEF_INV_RESTYPE	Invalid resource type
7	DOCDEF_INV_VER	Invalid resource version
11	DOCDEF_NON_MP	Maintenance point CMAS not available
12	DOCDEF_INV_CONTEXT	Context not found
13	DOCDEF_INCONSISTENT_SET	Inconsistent set condition
14	DOCDEF_INV_RESGROUP	Resource group not found
21	DOCDEF_INV_ACTION	Invalid action
22	DOCDEF_INV_RECADDR	Invalid record address
23	DOCDEF_INV_RECLLEN	Invalid record length
24	DOCDEF_DIFF_VERSION	Different version
25	DOCDEF_EARLY_NAMELIST_END	Early name list end
26	DOCDEF_INV_NAMELIST	Invalid name list
27	DOCDEF_INV_NAME	Invalid name
28	DOCDEF_INV_MINNAME	Invalid minor name

Table 272. DOCDEF FEEDBACK error codes (continued)

Value	Code	Description
29	DOCDEF_NOTIFY	Notify
30	DOCDEF_PARTIAL_INSTALL	Partial install
31	DOCDEF_NOTHING_INSTALLED	Nothing installed
32	DOCDEF_NO_TARGETS	No targets
33	DOCDEF_NO_RELATED	No related systems
34	DOCDEF_INV_TSCOPE	Invalid target scope
35	DOCDEF_INV_RSCOPE	Invalid related scope
36	DOCDEF_INV_USAGE	Invalid usage
37	DOCDEF_INV_MODE	Invalid mode
38	DOCDEF_INV_STATECHK	Invalid state check
39	DOCDEF_INV_FORCEINS	Invalid force install
40	DOCDEF_INV_NOTIFY	Invalid notify
41	DOCDEF_INV_OVERTYPE	Invalid over type
42	DOCDEF_INV_OVRBLOCK	Invalid override block
43	DOCDEF_INV_ORSTRING	Invalid override string
44	DOCDEF_INV_STRNGTERM	Invalid string terminator
45	DOCDEF_INV_EMBEDTERM	Invalid embedded terminator
46	DOCDEF_INV_ATTRIBUTE	Invalid attribute
47	DOCDEF_INV_LITERAL	Invalid literal
48	DOCDEF_INV_ORSTGNA	Invalid override string
49	DOCDEF_SCOPE_REQUIRED	Scope required
50	DOCDEF_USAGE_CONFLICT	Usage conflict
51	DOCDEF_NODEFS_SELECTED	No definitions selected
52	DOCDEF_MORE_THAN_1_RELSYS	More than one related system
53	DOCDEF_MISSING_RELSYSID	Missing related system identifier
54	DOCDEF_SCOPE_CONFLICT	Scope conflict
55	DOCDEF_INV_CSDGROUP	Invalid CSD group
56	DOCDEF_REC_NOT_REMOVED	Record not removed
57	DOCDEF_INV_RESOURCE	Invalid resource
58	DOCDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	DOCDEF_PARTIAL_ACTION	Partial action
60	DOCDEF_NOTHING_ACTIONED	Nothing actioned
61	DOCDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 272. DOCDEF FEEDBACK error codes (continued)

Value	Code	Description
62	DOCDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	DOCDEF_CSD_ERROR	CSD access error

Table 273. DOCDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
APPENDCRLF	EYUDA	CPSM	4	Yes	LIKE	Carriage return line feed (CRLF) append option	YES			23
APPENDCRLF Input/output valid values	YES, NO									
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	27
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	29
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	28
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				16
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	31
DDNAME	CHAR	CPSM	8	No	DIFF	DDname of partitioned data set				10
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		26
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				20
DOCTYPE	CVDAS	CPSM	4	Yes	LIKE	Document content type	EBCDIC			24
DOCTYPE Input/output valid values	EBCDIC, BINARY									
EXITPGM	CHAR	CPSM	8	No	DIFF	Exit program name				8
FILE	CHAR	CPSM	8	No	DIFF	File name				9
HFSFILE	CHAR	CPSM	25 5	No	DIFF	zSeries File System template file				25
MEMBERNAME	CHAR	CPSM	8	No	DIFF	Member of partitioned data set				11
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				7
PROGRAM	CHAR	CPSM	8	No	DIFF	Program name				12
TDQUEUE	CHAR	CPSM	4	No	DIFF	Transient data queue name				14
TEMPLATENAME	CHAR	CPSM	48	No	DIFF	Document template name				21
TSQUEUE	CHAR	CPSM	16	No	DIFF	Temporary storage queue name				13
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				17
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				18
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				19

## Chapter 115. DOCINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a document template definition (DOCDEF) in a resource group (RESGROUP). A DOCDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is DOCGROUP.

The **Secondary** key field for this resource class is DOCNAME.

The **Tertiary** key field for this resource class is DOCVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6169

<i>Table 274. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 275. DOCINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	DOCINGRP_INV_DATA	Attribute data invalid
2	DOCINGRP_REC_NOT_FOUND	Requested resource not found
4	DOCINGRP_REC_EXISTS	Resource already exists
6	DOCINGRP_INV_RESTYPE	Invalid resource type
7	DOCINGRP_INV_VER	Invalid resource version
11	DOCINGRP_NON_MP	Maintenance point CMAS not available

Table 275. DOCINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	DOCINGRP_INV_CONTEXT	Context not found
21	DOCINGRP_INCONSISTENT_SET	Inconsistent set
22	DOCINGRP_DIFF_VERSION	Different version
23	DOCINGRP_INV_NAME	Invalid name
24	DOCINGRP_INV_MINNAME	Invalid minor name

Table 276. DOCINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>DOCGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>DOCNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Document template definition name	6
<b>DOCVER-3</b>	BINARY	CPSM	1	Yes	AVG	Document template definition version	7

## Chapter 116. DOCTEMP Resource Table

A CICS Resource that describes a Document Template in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### DISCARD

Discard a Document Template

These actions require no unique parameter data.

### External resource name

CICSDocumentTemplate

### Length

536

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0105

Table 277. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A
	NEWCOPY	None	N/A

Table 278. DOCTEMP resource table attributes											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			

Table 278. DOCTEMP resource table attributes (continued)											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
APPENDCRLF	CVDAS	CPSM	DOCTEMPLAT E	APPENDCRLF	4	LIK E	No	Carriage return line feed (CRLF) append option			13
APPENDCRLF Output valid values	APPEND, NOAPPEND										
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	32
CACHEDEL	BINARY	STAT	DFHDHDDS	DHD_TEMPLAT E_CACHE_DELE TED	4	AVG	No	Total number of DOCTEMPLATE deletes from Cache		E640	22
CACHESIZE	BINARY	INQ	DOCTEMPLAT E	TYPE	4	AVG	No	Size in bytes of DOCTEMPLATE		E640	17
CACHEUSED	BINARY	STAT	DFHDHDDS	DHD_TEMPLAT E_CACHE_USE D	4	AVG	No	Total number of DOCTEMPLATE accesses from Cache		E640	21
CHANGEAGENT	CVDAS	INQ	DOCTEMPLAT E	TYPE	4	LIK E	No	Last modification agent		E640 E650	24
CHANGEAGENT Input/ output valid values	CSDAPI, CSDBATC, DREPAPI, DREPBATC, DYNAMIC, CREATESPI, NOTAPPLIC										
CHANGEAGREL	CHAR	INQ	DOCTEMPLAT E	TYPE	4	DIF F	No	Last modification agent release		E640 E650	25
CHANGETIME	DATETIME	INQ	DOCTEMPLAT E	TYPE	8	MAX	No	Last modification time		E640 E650	26
CHANGEUSRID	CHAR	INQ	DOCTEMPLAT E	TYPE	8	DIF F	No	Last modification user ID		E640 E650	23
COPY	CVDAS	INQ			4	LIK E	Yes	New copy status of the DOCTEMPLATE		E640	16
COPY Input valid values	NEWCOPY										
COPY Output valid values	N_A										
DDNAME	CHAR	CPSM	DOCTEMPLAT E	DDNAME	8	DIF F	No	DD name of the partitioned data set			4
DEFINESOURCE	CHAR	INQ	DOCTEMPLAT E	TYPE	8	DIF F	No	Source of the resource definition		E640 E650	27
DEFINETIME	DATETIME	INQ	DOCTEMPLAT E	TYPE	8	MAX	No	Creation time		E640 E650	28
DOCTYPE	CVDAS	CPSM	DOCTEMPLAT E	TYPE	4	LIK E	No	Document content type			12
DOCTYPE Output valid values	BINARY, EBCDIC										
DSNAME	CHAR	CPSM	DOCTEMPLAT E	DSNAME	44	DIF F	No	Data set name of partitioned data set			11
EXITPGM	CHAR	CPSM	DOCTEMPLAT E	EXITPGM	8	DIF F	No	Exit program name			2
FILE	CHAR	CPSM	DOCTEMPLAT E	FILE	8	DIF F	No	File name			3
HFSFILE	CHAR	CPSM	DOCTEMPLAT E	TYPE	25 5	DIF F	No	zSeries File System template file			14
INSTALLAGENT	CVDAS	INQ	DOCTEMPLAT E	TYPE	4	LIK E	No	Installation agent		E640 E650	31
INSTALLAGENT Input/ output valid values	CSDAPI, CREATESPI, GRPLIST, DYNAMIC										
INSTALLTIME	DATETIME	INQ			8	MAX	No	Installation time		E640 E650	30



Table 278. DOCTEMP resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
INSTALLUSRID	CHAR	INQ	DOCTEMPLAT E	TYPE	8	DIF F	No	Installation user ID		E640 E650	29
MEMBER	CHAR	CPSM	DOCTEMPLAT E	MEMBER	8	DIF F	No	Name of the member in partitioned data set			5
NAME-1	CHAR	INQ	DOCTEMPLAT E	DOCTEMPLAT E	8	DIF F	No	Document template name			1
NEWCOPYCNT	BINARY	STAT	DFHDHDDS	DHD_TEMPLAT E_NEWCOPIE S	4	AVG	No	Total number of NEWCOPY requests issued		E640	19
PROGRAM	CHAR	CPSM	DOCTEMPLAT E	PROGRAM	8	DIF F	No	Program name			6
READCOUNT	BINARY	STAT	DFHDHDDS	DHD_TEMPLAT E_READ_COU NT	4	AVG	No	Total number of DOCTEMPLATE reads		E640	20
TDQUEUE	CHAR	CPSM	DOCTEMPLAT E	TDQUEUE	4	DIF F	No	Transient data queue name			8
TEMPLATENAME	CHAR	CPSM	DOCTEMPLAT E	TEMPLATENA ME	48	DIF F	No	Extended document template name			10
TEMPLATETYPE	CVDAS	CPSM	DOCTEMPLAT E	TEMPLATETYP E	4	LIK E	No	Document template type			9
TEMPLATETYPE Output valid values	MEMBER, FILE, PROGRAM, TSQUEUE, TDQUEUE, EXITPGM, HFS										
TSQUEUE	CHAR	CPSM	DOCTEMPLAT E	TSQUEUE	16	DIF F	No	Temporary storage queue name			7
USECOUNT	BINARY	STAT	DFHDHDDS	DHD_TEMPLAT E_USE_COUNT	4	AVG	No	Total number of times DOCTEMPLATE has been used		E640	18



# Chapter 117. DOMSPOOL Resource Table

A CICS Resource that describes CICS storage domain subpools in an active system being managed by CICSplex SM.

The **Primary** key field for this resource class is SMSDSPN.

There are no object specific actions for this resource class.

**External resource name**

CICSDomainSubpool

**Length**

144

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0118

Table 279. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 280. DOMSPOOL resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
DSAELEMPCT	PERCENT3	CPSM			4	AVG	Percentage of DSA used by elements	28
DSAPAGEPCT	PERCENT3	CPSM			4	AVG	Percentage of DSA used by pages	29
DSAPAGEPPCT	PERCENT3	CPSM			4	AVG	Peak percentage of DSA page use	30
FREEMAINRTE	RATE3	CPSM			8	AVG	FREEMAIN rate since last reset	33
GETMAINRTE	RATE3	CPSM			8	AVG	GETMAIN rate since last reset	32
PAGEELEMPCT	PERCENT3	CPSM			4	AVG	Percentage of page pool used by elements	34

Table 280. DOMSPPOOL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
PAGEPAGEPCT	PERCENT3	CPSM			4	AVG	Percentage of page pool used by pages	35
PAGEPAGPPCT	PERCENT3	CPSM			4	AVG	Peak percentage of page pool used by pages	36
SMDACCESS	EYUDA	STAT	DFHSMDDS	SMDACCESS	4	LIKE	Subpool access type	15
SMDACCESS Output valid values	CICS, USER, READONLY, TRUSTED							
SMDBNDRY	BINARY	STAT	DFHSMDDS	SMDBNDRY	4	AVG	Subpool element boundary	13
SMDCELEM	BINARY	STAT	DFHSMDDS	SMDCELEM	4	AVG	Current number of elements	21
SMDCES	BINARY	STAT	DFHSMDDS	SMDCES	4	AVG	Sum of all element lengths	19
SMDCPS	BINARY	STAT	DFHSMDDS	SMDCPS	4	AVG	Current page storage	20
SMDDSANAME	CHAR	INQ			8	DIFF	Name of dynamic storage area (DSA)	6
SMDELCHN	BIT	STAT	DFHSMDDS	SMDELCHN	1	LIKE	Element chaining indicator	10
SMDETYPE	BIT	STAT	DFHSMDDS	SMDETYPE	1	LIKE	Subpool element type	7
SMDFLEN	BINARY	STAT	DFHSMDDS	SMDFLEN	4	AVG	Subpool element length	9
SMDFMREQ	BINARY	STAT	DFHSMDDS	SMDFMREQ	4	AVG	Number of FREEMAIN requests	18
SMDGMREQ	BINARY	STAT	DFHSMDDS	SMDGMREQ	4	AVG	Number of GETMAIN requests	17
SMDHWMP	BINARY	STAT	DFHSMDDS	SMDHWMP	4	AVG	Peak page storage	22
SMDIFREE	BINARY	STAT	DFHSMDDS	SMDIFREE	4	AVG	Initial free area size	16
SMDLOCN	EYUDA	STAT	DFHSMDDS	SMDLOCN	4	LIKE	Location above/below 16M or above the bar	14
SMDLOCN Output valid values	ABOVE, BELOW, ABOVEBAR							
<b>SMDSPN-1</b>	CHAR	INQ	DFHSMDDS	SMDSPN	8	DIFF	Domain subpool name	5
SMSDSABYTES	BINARY	STAT			8	AVG	Current size of DSA in bytes	39
SMSDSASZ	BINARY	STAT	R64BODY	R64DSASZ	4	AVG	Current size of DSA	27
SMSDSATOTAL	BINARY	STAT			4	AVG	Current DSA total	26

## Chapter 118. DSKJRNL Resource Table

A CICS Resource that describes a disk journal in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is JOURNALNUM.

The following actions are supported:

**ADVANCE**

Advance to the next journal.

**CLOSE**

Close the journal.

**OPEN**

Open the journal.

These actions require no unique parameter data.

**External resource name**

**Length**

64

**Usage**

EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0013

<i>Table 281. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ADVANCE	None	N/A
	CLOSE	None	N/A
	OPEN	None	N/A

<i>Table 282. DSKJRNL resource table attributes</i>									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	

Table 282. DSKJRNL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Attr ID
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	
ARCHSTAT	CVDAS	INQ	JOURNALNUM	ARCHSTATUS	4	LIKE	No	Archive status	5
ARCHSTAT Output valid values	AUTOARCH, NOAUTOARCH, REVERTED								
ARCHSUBCNT	BINARY	STAT	DFHA13DS	A13ASUB	2	AVG	No	Number of archives submitted	7
ARCHWCNT	BINARY	STAT	DFHA13DS	A13WAC	2	AVG	No	Number of waits for archive to complete	2
AVGSIZE	BINARY	STAT	DFHA13DS	A13ABS	2	AVG	No	Average block size	12
BLKWRCNT	DECIMAL	STAT	DFHA13DS	A13PBC	4	AVG	No	Number of blocks written	11
BUFULLCNT	DECIMAL	STAT	DFHA13DS	A13BFC	3	AVG	No	Number of times buffer was full	14
DISKASTATUS	CVDAS	INQ	JOURNALNUM	DISKASTATUS	4	LIKE	No	Disk A status	8
DISKASTATUS Output valid values	CURRENT, READY, NOTREADY, NOTAPPLIC								
DISKBSTATUS	CVDAS	INQ	JOURNALNUM	DISKBSTATUS	4	LIKE	No	Disk B status	9
DISKBSTATUS Output valid values	CURRENT, READY, NOTREADY, NOTAPPLIC								
DISKXSTATUS	CVDAS	INQ	JOURNALNUM	DISKXSTATUS	4	LIKE	No	Disk X status	10
DISKXSTATUS Output valid values	CURRENT, READY, NOTREADY								
DSOPENCNT	BINARY	STAT	DFHA13DS	A13JDO	2	AVG	No	Number of journal data sets opened	6
<b>JOURNALNUM-1</b>	BINARY	INQ			2	AVG	No	Journal number	1
OPENSTATUS	CVDAS	INQ			4	LIKE	Yes	Open status	4
OPENSTATUS Input/output valid values	OPENOUTPUT, CLOSED								
OPENSTATUS Input valid values	ADVANCE, CLOSELEAVE								
RECWCNT	DECIMAL	STAT	DFHA13DS	A13LRC	5	AVG	No	Number of records written	13
TYPE	CVDAS	INQ	JOURNALNUM	JTYPE	4	LIKE	No	Journal type	3
TYPE Output valid values	TAPE1, TAPE2, DISK1, DISK2, DISK2PAUSE, SMF								

---

# Chapter 119. DSNAME Resource Table

A CICS Resource that describes a data set in use by an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is DSNAME.

The following actions are supported:

**BACKOUT**

Back out shunted indoubt units of work associated with the data set.

**COMMIT**

Commit shunted indoubt units of work associated with the data set.

**FORCE**

Force shunted indoubt units of work associated with the data set to commit or back out.

**IMMQUIESCE**

Immediately quiesce the data set; all units of work are abended.

**QUIESCE**

Quiesce the data set; all units of work are allowed to reach syncpoint.

**REMOVE**

Remove the data set.

**UNQUIESCE**

Unquiesce the data set.

The parameter data for the IMMQUIESCE, QUIESCE, and UNQUIESCE actions is:

```
PARM(' BUSY(cvda).')
```

where *cvda* is required and is one of the following valid CVDA values for the data set busy condition:

WAIT  
NOWAIT

**External resource name**

CICSDataSetName

**Length**

184

**Usage**

API or WUI or CICS Management Client Interface

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0011

Table 283. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
REMOVE		None	N/A
PERFORM SET	IMMQUIESE	BUSY(WAIT, NOWAIT)	Yes
	QUIESE	BUSY(WAIT, NOWAIT)	Yes
	UNQUIESE	BUSY(WAIT, NOWAIT)	Yes
	IMMQUIESCE	BUSY(WAIT, NOWAIT)	Yes
	QUIESCE	BUSY(WAIT, NOWAIT)	Yes
	UNQUIESCE	BUSY(WAIT, NOWAIT)	Yes
	BACKOUT	None	N/A
	COMMIT	None	N/A
	FORCE	None	N/A

Table 284. DSNAME resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		
ACCESSMETHOD	CVDAS	INQ	DSNAME	ACCESSMETHOD	4	LIKE	No	Access method		2
ACCESSMETHOD Input/output valid values	VSAM, BDAM, NOTAPPLIC									
AVAILABILITY	CVDAS	INQ	DSNAME	AVAILABILITY	4	LIKE	Yes	Availability status		12
AVAILABILITY Input/output valid values	AVAILABLE, UNAVAILABLE, RREPL									
AVAILABILITY Output valid values	NOTAPPLIC									
BACKUPTYPE	CVDAS	INQ	DSNAME	BACKUPTYPE	4	LIKE	No	Type of backup		3
BACKUPTYPE Output valid values	STATIC, DYNAMIC, UNDETERMINED, NOTAPPLIC									
BASEDSNAME	CHAR	INQ	DSNAME	BASEDSNAME	44	DIFF	No	Base data set name		4
BKOUTSTATUS	CVDAS	INQ	DSNAME	BKOUTSTATUS	4	LIKE	Yes	Backout status	E510+	5
BKOUTSTATUS Input/output valid values	NORMALBKOUT, FAILEDBKOUT									
BKOUTSTATUS Output valid values	FAILINGBKOUT, NOTAPPLIC									
<b>DSNAME-1</b>	CHAR	INQ	DSNAME	DSNAME	44	DIFF	No	Data set name		1
FILECOUNT	BINARY	INQ	DSNAME	FILECOUNT	4	AVG	No	Number of file definitions that reference data set		6
FWDRECOVLOG	CNUMERIC	INQ	DSNAME	FWDRECOVLOG	2	AVG	No	Journal number		10



Table 284. DSNAME resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
FWDRECOVLSN	CHAR	INQ	DSNAME	FWDRECOVLSN	26	DIFF	No	Forward recovery log stream name		11
LOGREPSTATUS	CVDAS	INQ	DSNAME	LOGREPSTATUS	4	LIKE	No	Replication Logging		16
LOGREPSTATUS Output valid values	LOGREPLICATE, NOLOGREPLICA, NOTAPPLIC									
LOSTLOCKS	CVDAS	INQ	DSNAME	LOSTLOCKS	4	LIKE	No	Lost locks status		13
LOSTLOCKS Output valid values	NOLOSTLOCKS, REMLOSTLOCKS, RECOVERLOCKS, NOTAPPLIC									
OBJECT	CVDAS	INQ	DSNAME	OBJECT	4	LIKE	No	Data set type		7
OBJECT Output valid values	BASE, PATH, NOTAPPLIC									
QUIESCESTATE	CVDAS	INQ	DSNAME	QUIESCESTATE	4	LIKE	Yes	Record level sharing (RLS) quiesce state		14
QUIESCESTATE Input/output valid values	UNQUIESCED, QUIESCED									
QUIESCESTATE Output valid values	QUIESCING, NOTAPPLIC									
RECOVSTATUS	CVDAS	INQ	DSNAME	RECOVSTATUS	4	LIKE	No	Recovery status		8
RECOVSTATUS Output valid values	RECOVERABLE, FWDRECOVABLE, NOTRECOVABLE, UNDETERMINED, NOTAPPLIC									
RETLOCKS	CVDAS	INQ	DSNAME	RETLOCKS	4	LIKE	No	Retained record locks status		15
RETLOCKS Output valid values	RETAINED, NORETAINED, NOTAPPLIC									
VALIDITY	CVDAS	INQ	DSNAME	VALIDITY	4	LIKE	No	Data set validity status		9
VALIDITY Output valid values	VALID, INVALID									



## Chapter 120. DSPGBL Resource Table

A CICS Resource that provides global CICS dispatcher information in an active system being managed by CICSplex SM.

The DSPGBL resource class does not provide an explicit key attribute. The set of object instances returned is a function of the scope in effect when the request is made.

There are no object specific actions for this resource class.

**External resource name**

CICSGlobalDispatcher

**Length**

104

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0131

*Table 285. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A

*Table 286. DSPGBL resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		
DSGCNT	BINARY	STAT	DFHDSGDS	DSGCNT	2	AVG	No	Current number of tasks		11
DSGEJST	INTTSTP	STAT	DFHDSGDS	DSGEJST	8	LIKE	No	Elapsed job step timing		16
DSGICVRT	BINARY	STAT	DFHDSGDS	DSGICVRT	4	AVG	Yes	Runaway task time interval (ICVR) (milliseconds)		6
DSGICVSD	BINARY	STAT	DFHDSGDS	DSGICVSD	2	AVG	Yes	Terminal scan delay time (ICVTSD) (milliseconds)		7

Table 286. DSPGBL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
DSGICVT	BINARY	STAT	DFHDSGDS	DSGICVT	4	AVG	Yes	Current region exit time (ICV) (milliseconds)		5
DSGLSTRT	TIMESTP	STAT	DFHDSGDS	DSGLSTRT	8	LIKE	No	Dispatcher start time LOCAL		15
DSGLXSCN	DATETIME	STAT	DFHDSGDS	DSGLXSCN	8	LIKE	No	Last excess TCB scan	E640 E650 E660 E670 E680	22
DSGLXSND	DATETIME	STAT	DFHDSGDS	DSGLXSND	8	LIKE	No	Last excess TCB scan - no TCB detached	E640 E650 E660 E670 E680	23
DSGMBTCH	BINARY	STAT	DFHDSGDS	DSGMBTCH	2	AVG	No	MRO batching value (MROBTCH)		10
DSGPNT	BINARY	STAT	DFHDSGDS	DSGPNT	2	AVG	No	Peak number of tasks		12
DSGPRIAG	BINARY	STAT	DFHDSGDS	DSGPRIAG	2	AVG	Yes	Priority aging value (PRTYAGE) (milliseconds)		8
DSGSRBT	INTTSTP	STAT	DFHDSGDS	DSGSRBT	8	LIKE	No	Accumulated SRB time		17
DSGSTART	TIMESTP	STAT	DFHDSGDS	DSGSTART	8	LIKE	No	Dispatcher start time GMT		14
DSGSTSKS	BINARY	STAT	DFHDSGDS	DSGSTSKS	2	AVG	No	Number of subtasks		9
DSGXSCNN	BINARY	STAT	DFHDSGDS	DSGXSCNN	4	AVG	No	Number of excess TCB scans with no TCB detached		19
DSGXSCNS	BINARY	STAT	DFHDSGDS	DSGXSCNS	4	AVG	No	Number of excess TCB scans		18
DSGXTCBD	BINARY	STAT	DFHDSGDS	DSGXTCBD	4	AVG	No	Total number of excess TCBs detached		20
FORCEQR	CVDAS	INQ	T3		4	LIKE	Yes	Quasi-reentrancy force option		21
FORCEQR Input/output valid values	FORCE, NOFORCE									

## Chapter 121. DSPMODE Resource Table

A CICS Resource that provides CICS dispatcher TCB mode information in an active system being managed by CICSplex SM.

The **Primary** key field for this resource class is DSGTCBNM.

There are no object specific actions for this resource class.

**External resource name**

CICSTCBMode

**Length**

144

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0132

<i>Table 287. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A

<i>Table 288. DSPMODE resource table attributes</i>									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		
DSGACT	INTTSTP	STAT	DSGTCBM	DSGACT	8	LIKE	Total CPU time used by this TCB		28
DSGNTCBA	BINARY	STAT	DSGTCBM	DSGNTCBA	4	AVG	Number of TCB attaches		10
DSGSYSW	BINARY	STAT	DSGTCBM	DSGSYSW	4	AVG	Number of partition exits		23
DSGTCBAF	BINARY	STAT	DSGTCBM	DSGTCBAF	4	AVG	Number of TCB attach failures		11
DSGTCBAL	BINARY	STAT	DSGTCBM	DSGTCBAL	4	AVG	Number of TCBs allocated		16
DSGTCBCA	BINARY	STAT	DSGTCBM	DSGTCBCA	4	AVG	Current number of TCBs attached		12

Table 288. DSPMODE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
DSGTCBCU	BINARY	STAT	DSGTCBM	DSGTCBCU	4	AVG	Current number of TCBS used by mode		14
DSGTCBDO	BINARY	STAT	DSGTCBM	DSGTCBDO	4	AVG	Number of other detaches		20
DSGTCBDS	BINARY	STAT	DSGTCBM	DSGTCBDS	4	AVG	Number of stolen detaches		18
DSGTCBDU	BINARY	STAT	DSGTCBM	DSGTCBDU	4	AVG	Number of unclean detaches		17
DSGTCBDX	BINARY	STAT	DSGTCBM	DSGTCBDX	4	AVG	Number of excess detaches		19
DSGTCBMD	EYUDA	STAT	DSGTCBM	DSGTCBMD	4	LIKE	Open status		7
DSGTCBMD Output valid values	OPEN, NOTOPEN, UNKNOWN								
DSGTCBMM	BINARY	STAT	DSGTCBM	DSGTCBMM	4	AVG	Number of TCB mismatches		22
DSGTCBMP	BINARY	STAT	DSGTCBM	DSGTCBMP	2	MIN	TCB mode pool number		8
DSGTCBMP Input/output valid values	0 (NOTAPPLI) - Not applicable, 1 (OPEN) - Open, 2 (JVM) - JVM, 3 (HOTPOOL) - Hot pooling, 3 (XPLINK) - XPLink, 4 (SSL) - SSL, 5 (THREADED) - THREADED								
<b>DSGTCBNM-1</b>	CHAR	STAT	DSGTCBM	DSGTCBNM	2	DIFF	TCB mode name		5
DSGTCBPA	BINARY	STAT	DSGTCBM	DSGTCBPA	4	AVG	Peak number of TCBS attached		13
DSGTCBPU	BINARY	STAT	DSGTCBM	DSGTCBPU	4	AVG	Peak number of TCBS used by mode		15
DSGTCBST	BINARY	STAT	DSGTCBM	DSGTCBST	4	AVG	Number of TCB steals		21
DSGTCT	INTTSTP	STAT	DSGTCBM	DSGTCT	8	LIKE	CPU time used by this TCB for dispatcher task		27
DSGTD	INTTSTP	STAT	DSGTCBM	DSGTD	8	LIKE	Total of real time TCB has been dispatched by MVS		26
DSGTMADQ	AVERAGE3	STAT	DSGTCBM	DSGTMADQ	4	LIKE	Dispatchable Queue - Average	E640 E650 E660 E670 E680	33
DSGTMCDQ	BINARY	STAT	DSGTCBM	DSGTMCDQ	4	LIKE	Dispatchable Queue - Current	E640 E650 E660 E670 E680	30
DSGTMPDQ	BINARY	STAT	DSGTCBM	DSGTMPDQ	4	LIKE	Dispatchable Queue - Peak	E640 E650 E660 E670 E680	31
DSGTWT	INTTSTP	STAT	DSGTCBM	DSGTWT	8	LIKE	Real time CICS spent in MVS wait		25
TCBPOOLN	EYUDA	CPSM			4	LIKE	TCB mode pool name		29
TCBPOOLN Output valid values	N_A, OPEN, JVM, HOTPOOL, XPLINK, SSL, THREADED								

## Chapter 122. DSPPOOL Resource Table

A CICS Resource that provides CICS dispatcher TCB pool information in an active system being managed by CICSplex SM.

The **Primary** key field for this resource class is POOLNAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTCBPool

**Length**

144

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0133

*Table 289. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A

*Table 290. DSPPOOL resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		
DSGCMWWS	BINARY	STAT	DSGTGBP	DSGCMWWS	4	AVG	No	Current TCB Mismatch waits		26
DSGCMWWT	INTTSTP	STAT	DSGTGBP	DSGCMWWT	8	LIKE	No	Current TCB Mismatch wait time		25
DSGCNUAT	BINARY	STAT	DSGTGBP	DSGCNUAT	4	AVG	No	Current number of TCBS attached		8
DSGCNUUS	BINARY	STAT	DSGTGBP	DSGCNUUS	4	AVG	No	Current number of TCBS in use		10
DSGCURNW	BINARY	STAT	DSGTGBP	DSGCURNW	4	AVG	No	Current number of tasks waiting for TCB		17

Table 290. DSPPool resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
DSG CURWT	INTTSTP	STAT	DSGT CBP	DSG CURWT	8	LIKE	No	Current waiting time at TCB limit		15
DSGLTCBL	DATETIME	STAT	DSGT CBP	DSGLTCBL	8	LIKE	No	Time Max TCB Pool Limit last reached	E640 E650 E660 E670 E680	33
DSGMMWTM	INTTSTP	STAT	DSGT CBP	DSGMMWTM	8	LIKE	No	Total TCB Mismatch wait time		24
DSGMMWTS	BINARY	STAT	DSGT CBP	DSGMMWTS	4	AVG	No	Total TCB Mismatch waits		23
DSGMXTCB	BINARY	STAT	DSGT CBP	DSGMXTCB	4	AVG	Yes	Maximum number of TCBs		7
DSGNTCBL	BINARY	STAT	DSGT CBP	DSGNTCBL	4	AVG	No	Number of times at pool limit		12
DSGPEANW	BINARY	STAT	DSGT CBP	DSGPEANW	4	AVG	No	Peak number of tasks waiting for TCB		18
DSGPMWWS	BINARY	STAT	DSGT CBP	DSGPMWWS	4	AVG	No	Peak TCB Mismatch waits		27
DSGPNUAT	BINARY	STAT	DSGT CBP	DSGPNUAT	4	AVG	No	Peak number of TCBs attached		9
DSGPNUUS	BINARY	STAT	DSGT CBP	DSGPNUUS	4	AVG	No	Peak number of TCBs in use		11
DSGT CBPN	BINARY	STAT	DSGT CBP	DSGT CBPN	2	AVG	No	TCB pool number		5
DSGTOTMT	INTTSTP	STAT	DSGT CBP	DSGTOTMT	8	AVG	No	Total MVS storage wait time		28
DSGTOTMW	BINARY	STAT	DSGT CBP	DSGTOTMW	4	AVG	No	Total number of MVS storage waiters		29
DSGTOTNW	BINARY	STAT	DSGT CBP	DSGTOTNW	4	AVG	No	Total number of waits		16
DSGTOTWL	INTTSTP	STAT	DSGT CBP	DSGTOTWL	8	LIKE	No	Total waiting time at TCB limit		14
<b>POOLNAME-1</b>	CHAR	CPSM			12	DIFF	No	TCB pool name		19



## Chapter 123. DTRINGRP Resource Table

A CPSM Workload Manager definition that describes a dynamic transaction used in a workload. Only transactions that have workload separation or affinity relationships need to be defined.

The **Primary** key field for this resource class is TRANGRP.

The **Secondary** key field for this resource class is TRANID.

There are no object specific actions for this resource class.

**External resource name**

CICSTransactionInGroup

**Length**

56

**Usage**

API or Batch Utility or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt5379

<i>Table 291. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 292. DTRINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	DTRINGRP_INV_DATA	Attribute data invalid
2	DTRINGRP_REC_NOT_FOUND	Requested resource not found
3	DTRINGRP_INV_REFERENCE	Attribute references an invalid resource
4	DTRINGRP_REC_EXISTS	Resource already exists
21	DTRINGRP_TRANID_NOT_UNIQUE	Transaction ID not unique

Table 293. DTRINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification userid	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
PCONV	EYUDA	CPSM	4	Yes	LIKE	Pseudo-conversational mode	7
PCONV Input/output valid values	START, END, N_A						
<b>TRANGRP-1</b>	CHAR	CPSM	8	Yes	DIFF	Transaction group	5
<b>TRANID-2</b>	CHAR	CPSM	8	Yes	DIFF	Transaction	6

## Chapter 124. EACTNTFN Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EACTNTFN is emitted when an operation change against a Real Time Analysis generated external notification occurs.

### External resource name

#### Length

200

#### Usage

API

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Notification

#### Copybook identifier

EYUt2527

Table 294. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 295. EACTNTFN resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTDEF	CHAR	CPSM	8	LIKE	Action name	8
ACTION	BINARY	CPSM	1	LIKE	Control action	11
ACTION Input/output valid values	1 (CREATE) - Create external ntnf, 2 (UPDATE) - Update external ntnf, 3 (REMOVE) - Remove external ntnf, 4 (RESOLVED) - External ntnf resolved					
ACTNAME	CHAR	CPSM	8	LIKE	External event name	7
ACTNTIME	TIMESTP	CPSM	8	LIKE	Local time at which this action occurred	16
DEFTYPE	BINARY	CPSM	1	LIKE	Action reference type	10
DEFTYPE Input/output valid values	1 (SAM) - RTASAM sensed condition, 2 (APM) - APM RTADEF True transition, 3 (MRM) - MRM true transition					
KEY	CHAR	CPSM	134	LIKE	Resource key	14
NTFNTYPE	BIT	CPSM	1	LIKE	Type of external notification	9
NTFNTYPE Input/output valid values	128 (EVENT) - CPSM Event, 64 (EXTMSG) - External Message, 32 (ALERT) - SNA Alert					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
RESTYPE	CHAR	CPSM	8	LIKE	Resource type	13

Table 295. EACTNTFN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
SCOPE	CHAR	CPSM	8	LIKE	Scope target	5
SEVERITY	EYUDA	CPSM	4	LIKE	Current severity	12
SEVERITY Output valid values	VLS, LS, LW, HW, HS, VHS					
SPEC	CHAR	CPSM	8	LIKE	RTA or analysis point specification name	6

## Chapter 125. ECSYSCHG Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ECSYSCHG is emitted by a Topology control object when a CICS system definition is created, updated, or removed.

**External resource name**

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2518

<i>Table 296. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 297. ECSYSCHG resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	BINARY	CPSM	1	LIKE	Action	6
ACTION Input/output valid values	1 (CSYSADD) - CICS System Add, 2 (CSYSUPD) - CICS System Update, 3 (CSYSREM) - CICS System Remove					
CICSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
CICSPLEX	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 126. EJCINGRP Resource Table

A CICSplex SM Business Application Services Definition that describes the membership of a CorbaServer definition (EJCODEF) in a resource group (RESGROUP). An EJCODEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is EJCGROUP.

The **Secondary** key field for this resource class is EJCNAME.

The **Tertiary** key field for this resource class is EJCVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6176

<i>Table 298. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 299. EJCINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	EJCINGRP_INV_DATA	Attribute data invalid
2	EJCINGRP_REC_NOT_FOUND	Requested resource not found
4	EJCINGRP_REC_EXISTS	Resource already exists
6	EJCINGRP_INV_RESTYPE	Invalid resource type
7	EJCINGRP_INV_VER	Invalid resource version
11	EJCINGRP_NON_MP	Maintenance point CMAS not available

Table 299. EJCINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	EJCINGRP_INV_CONTEXT	Context not found
21	EJCINGRP_INCONSISTENT_SET	Inconsistent set
22	EJCINGRP_DIFF_VERSION	Different version
23	EJCINGRP_INV_NAME	Invalid name
24	EJCINGRP_INV_MINNAME	Invalid minor name

Table 300. EJCINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>EJCGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>EJCNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	CorbaServer definition name	6
<b>EJCVER-3</b>	BINARY	CPSM	1	Yes	AVG	CorbaServer definition version	7



## Chapter 127. EJCOBEAN Resource Table

A CICS Resource that describes an Enterprise Bean object in a CorbaServer being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is BEANNAME.

There are no actions supported against it.

**External resource name**

CICSBeansInCorbaServer

**Length**

312

**Usage**

API or WUI or CICS Management Client Interface

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0110

Table 301. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 302. EJCOBEAN resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
BEANACTIVATE	BINARY	STAT	DFHEJBDS	EJB_BEAN_ACTIVATIONS	4	AVG	Number of Bean state Activates	4
BEANCREATES	BINARY	STAT	DFHEJBDS	EJB_BEAN_CREATES	4	AVG	Number of Bean Creates	6
BEANMETHCALL	BINARY	STAT	DFHEJBDS	EJB_BEAN_METHOD_CALLS	4	AVG	Number of Bean Method calls	8
<b>BEANNAME-2</b>	CHAR	INQ	BEAN	BEAN	240	DIFF	Enterprise bean name	2
BEANPASSIVAT	BINARY	STAT	DFHEJBDS	EJB_BEAN_PASSIVATIONS	4	AVG	Number of Bean state Passivates	5

Table 302. EJCOWEAN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
BEANREMOVES	BINARY	STAT	DFHEJBDS	EJB_BEAN_REMOVES	4	AVG	Number of Bean Removes	7
DJAR	CHAR	INQ			32	DIFF	CICS-deployed JAR file	3
NAME-1	CHAR	INQ	BEAN	CORBASERVER	4	DIFF	CorbaServer name	1

## Chapter 128. EJCODEF Resource Table

A CICS Definition that describes a CorbaServer.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following action is supported:

### INSTALL

Install a CorbaServer definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionCorbaServer

### Length

1336

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3831

<i>Table 303. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Value	Code	Description
1	EJCODEF_INV_DATA	Attribute data invalid
2	EJCODEF_REC_NOT_FOUND	Requested resource not found
4	EJCODEF_REC_EXISTS	Resource already exists
5	EJCODEF_REC_CHANGED	Resource definition already changed
6	EJCODEF_INV_RESTYPE	Invalid resource type
7	EJCODEF_INV_VER	Invalid resource version
11	EJCODEF_NON_MP	Maintenance point CMAS not available
12	EJCODEF_INV_CONTEXT	Context not found
13	EJCODEF_INCONSISTENT_SET	Inconsistent set condition
14	EJCODEF_INV_RESGROUP	Resource group not found
21	EJCODEF_INV_ACTION	Invalid action
22	EJCODEF_INV_RECADDR	Invalid record address
23	EJCODEF_INV_RECLEN	Invalid record length
24	EJCODEF_DIFF_VERSION	Different version
25	EJCODEF_EARLY_NAMELIST_END	Early name list end
26	EJCODEF_INV_NAMELIST	Invalid name list
27	EJCODEF_INV_NAME	Invalid name
28	EJCODEF_INV_MINNAME	Invalid minor name

Table 304. EJCODEF FEEDBACK error codes (continued)

<b>Value</b>	<b>Code</b>	<b>Description</b>
29	EJCODEF_NOTIFY	Notify
30	EJCODEF_PARTIAL_INSTALL	Partial install
31	EJCODEF_NOTHING_INSTALLED	Nothing installed
32	EJCODEF_NO_TARGETS	No targets
33	EJCODEF_NO_RELATED	No related systems
34	EJCODEF_INV_TSCOPE	Invalid target scope
35	EJCODEF_INV_RSCOPE	Invalid related scope
36	EJCODEF_INV_USAGE	Invalid usage
37	EJCODEF_INV_MODE	Invalid mode
38	EJCODEF_INV_STATECHK	Invalid state check
39	EJCODEF_INV_FORCEINS	Invalid force install
40	EJCODEF_INV_NOTIFY	Invalid notify
41	EJCODEF_INV_OVERTYPE	Invalid over type
42	EJCODEF_INV_OVRBLOCK	Invalid override block
43	EJCODEF_INV_ORSTRING	Invalid override string
44	EJCODEF_INV_STRNGTERM	Invalid string term
45	EJCODEF_INV_EMBEDTERM	Invalid embedded terminator
46	EJCODEF_INV_ATTRIBUTE	Invalid attribute
47	EJCODEF_INV_LITERAL	Invalid literal
48	EJCODEF_INV_ORSTGNA	Invalid override string
49	EJCODEF_SCOPE_REQUIRED	Scope required
50	EJCODEF_USAGE_CONFLICT	Usage conflict
51	EJCODEF_NODEFS_SELECTED	No definitions selected
52	EJCODEF_MORE_THAN_1_RELSYS	More than one related system
53	EJCODEF_MISSING_RELSYSID	Missing related system identifier
54	EJCODEF_SCOPE_CONFLICT	Scope conflict
55	EJCODEF_NOT_SUPPORTED	Attribute obsolete and unsupported
56	EJCODEF_INV_CSDGROUP	Invalid CSD group
57	EJCODEF_REC_NOT_REMOVED	Record not removed
58	EJCODEF_INV_RESOURCE	Invalid resource
59	EJCODEF_INV_CICS_RESTYPE	Invalid CICS restype
60	EJCODEF_PARTIAL_ACTION	Partial action
61	EJCODEF_NOTHING_ACTIONED	Nothing actioned
62	EJCODEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 304. EJCODEF FEEDBACK error codes (continued)

Value	Code	Description
63	EJCODEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
67	EJCODEF_CSD_ERROR	CSD access error

Table 305. EJCODEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
ASSERTED	CHAR	CPSM	8	No	DIFF	TCP/IP service for Asserted Identity protocol				29
AUTOPUBLISH	EYUDA	CPSM	4	Yes	LIKE	Auto publish beans to Java naming directory (JNDI)	NO			24
AUTOPUBLISH Input/output valid values	NO, YES									
CERTIFICATE	CHAR	CPSM	56	No	DIFF	Secure sockets layer (SSL) client certificate				22
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	33
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	35
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	34
CIPHERS	CHAR	CPSM	56	No	LIKE	SSL cipher suite codes				31
CLIENTCERT	CHAR	CPSM	8	No	DIFF	TCP/IP service for client certificated protocol				26
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				9
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	37
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		32
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				13
DJARDIR	CHAR	CPSM	25 5	No	DIFF	CICS-deployed JAR file pickup directory				23
HOST	CHAR	CPSM	25 5	Yes	DIFF	TCP/IP host address				21
JNDIPREFIX	CHAR	CPSM	25 5	No	DIFF	Java naming directory (JNDI) prefix				18
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				7
OUTPRIVACY	CVDAS	CPSM	4	No	LIKE	Outbound privacy	SUPPORTED		E640 +	30
OUTPRIVACY Input/output valid values	REQUIRED, SUPPORTED, NOTSUPPORTED									
PORT	CHAR	CPSM	5	No	DIFF	TCP/IP port number		1-65535	E620 +	16
SESSBEANTIME	CHAR	CPSM	6	Yes	DIFF	Session bean timeout (DDHHMM)	000010			19
SHELF	CHAR	CPSM	25 5	No	DIFF	zSeries File System (zFS) shelf directory	/var/cicsts			20

Table 305. EJCODEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
SSL	EYUDA	CPSM	4	No	LIKE	Secure socket layer (SSL) usage	NO		E620+	15
SSL Input/output valid values	YES, NO, CLIENTCERT									
SSLPORT	CHAR	CPSM	5	No	DIFF	Secure socket layer (SSL) port number		1-65535	E620+	17
SSLPORT Input/output valid values	NO									
SSLUNAUTH	CHAR	CPSM	8	No	DIFF	TCP/IP service for SSL AUTHENTICATE=NO protocol				27
STATUS	CVDAS	CPSM	4	Yes	LIKE	Status	ENABLED			28
STATUS Input/output valid values	ENABLED, DISABLED									
UNAUTH	CHAR	CPSM	8	Yes	DIFF	TCP/IP service for unauthenticated protocol				25
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				10
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				12





## Chapter 129. EJCOSE Resource Table

A CICS Resource that describes a CorbaServer object being managed by CICSplex SM. This resource is not supported in CICS TS for z/OS, Version 5.1 and later versions.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**PUBLISH**

Publish the Corbaserver to the JNDI directory.

**RETRACT**

Retract the CorbaServer from the JNDI directory.

**DISCARD**

Discard the CorbaServer from its associated MAS.

**External resource name**

CICSCorbaServer

**Length**

1344

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0108

<i>Table 306. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		None	N/A
SET		None	N/A
PERFORM SET	PUBLISH	None	N/A
	RETRACT	None	N/A
	DISCARD	None	N/A
	SCAN	None	N/A

Table 307. EJCOSSE resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			
ASSERTED	CHAR	INQ	CORBASERVE R	UNAUTH	8	DIF F	No	TCP/IP service for Asserted Identity protocol			20
AUTOPUBLISH	CVDAS	INQ	CORBASERVE R	AUTOPUBLISH	4	LIK E	Yes	Auto publish beans to Java naming directory (JNDI)	NOAUTO		12
AUTOPUBLISH Input/output valid values	AUTOPUB, NOAUTO										
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	34
CERTIFICATE	CHAR	INQ	CORBASERVE R	CERTIFICATE	56	DIF F	No	Secure sockets layer (SSL) client certificate			9
CHANGEAGENT	CVDAS	INQ	CORBASERVE R	DJARDIR	4	LIK E	No	Last modification agent		E640 E650	25
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATC, DREPAPI, DREPBATC, CREATESPI, NOTAPPLIC										
CHANGEAGREL	CHAR	INQ	CORBASERVE R	DJARDIR	4	DIF F	No	Last modification agent release		E640 E650	27
CHANGETIME	DATETIME	INQ	CORBASERVE R	DJARDIR	8	MAX	No	Last modification time		E640 E650	28
CHANGEUSRID	CHAR	INQ	CORBASERVE R	DJARDIR	8	DIF F	No	Last modification user ID		E640 E650	26
CIPHERS	CHAR	INQ	CORBASERVE R	DJARDIR	56	LIK E	No	SSL cipher suite codes			22
CLIENTCERT	CHAR	INQ	CORBASERVE R	CLIENTCERT	8	DIF F	No	TCP/IP service for client certificated protocol			14
DEFINESOURCE	CHAR	INQ	CORBASERVE R	DJARDIR	8	DIF F	No	Source of the resource definition		E640 E650	29
DEFINETIME	DATETIME	INQ	CORBASERVE R	DJARDIR	8	MAX	No	Creation time		E640 E650	30
DJARDIR	CHAR	INQ	CORBASERVE R	DJARDIR	25	DIF F	No	CICS-deployed JAR file pickup directory			11
ENABLESTATUS	CVDAS	INQ	CORBASERVE R	AUTOPUBLISH	4	LIK E	Yes	CorbaServer status			16
ENABLESTATUS Input/output valid values	ENABLED, DISABLED										
ENABLESTATUS Output valid values	ENABLING, DISABLING, DISCARDING										
FAILACTIVATE	BINARY	STAT	DFHEJRDS	EJR_FAILED_ACTIVATES	4	AVG	No	Number of Failed Activates			19
HOST	CHAR	INQ	CORBASERVE R	HOST	25	DIF F	No	Host name or IP address			8
HOSTTYPE	CVDAS	INQ	CORBASERVE R	DJARDIR	4	LIK E	No	The format of the host name or address		E640 E650	37
HOSTTYPE Output valid values	HOSTNAME, IPV4, IPV6, NOTAPPLIC										
INSTALLAGENT	CVDAS	INQ	CORBASERVE R	DJARDIR	4	LIK E	No	Installation agent		E640 E650	33

Table 307. EJCOSE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST										
INSTALLTIME	DATETIME	INQ			8	MAX	No	Installation time		E640 E650	32
INSTALLUSRID	CHAR	INQ	CORBASERVE R	DJARDIR	8	DIF F	No	Installation user ID		E640 E650	31
IPFAMILY	CVDAS	INQ	CORBASERVE R	DJARDIR	4	LIK E	No	The format of the resolved IP address		E640 E650	36
IPFAMILY Output valid values	IPV4, IPV6, UNKNOWN										
IPRESOLVED	CHAR	INQ	CORBASERVE R	DJARDIR	39	DIF F	No	The resolved address of this CORBA server		E640 E650	35
JNDIPREFIX	CHAR	INQ	CORBASERVE R	JNDIPREFIX	25 5	DIF F	No	Java naming directory (JNDI) prefix			7
<b>NAME-1</b>	CHAR	INQ	CORBASERVE R	CORBASERVE R	4	DIF F	No	CorbaServer name			1
NUMCIPHERS	BINARY	INQ	CORBASERVE R	DJARDIR	2	LIK E	No	Number of SSL cipher suite codes			23
OBJACTIVATES	BINARY	STAT	DFHEJRDS	EJR_OBJECT_ ACTIVATES	4	AVG	No	Number of Object Activates			17
OBJSTORES	BINARY	STAT	DFHEJRDS	EJR_OBJECT_ STORES	4	AVG	No	Number of Object Stores			18
OUTPRIVACY	CVDAS	INQ	CORBASERVE R	OUTPRIVACY	4	LIK E	No	Outbound privacy			21
OUTPRIVACY Input/output valid values	REQUIRED, SUPPORTED, NOTSUPPORTED										
PORT	BINARY	INQ	CORBASERVE R	PORT	4	AVG	No	TCP/IP port number		E620 +	5
SESSBEANTIME	BINARY	INQ	CORBASERVE R	SESSBEANTIM E	4	AVG	Yes	Session bean timeout (minutes)			2
SHELF	CHAR	INQ	CORBASERVE R	SHELF	25 5	DIF F	No	zSeries File System (zFS) shelf directory			10
SSL	CVDAS	INQ	CORBASERVE R	SSLTYPE	4	LIK E	No	Secure sockets layer (SSL) usage	NOSSL	E620 +	3
SSL Output valid values	NOSSL, SSL, CLIENTCERT										
SSLPORT	BINARY	INQ	CORBASERVE R	SSLPORT	4	AVG	No	Secure sockets layer (SSL) port number		E620 +	6
SSLUNAUTH	CHAR	INQ	CORBASERVE R	SSLUNAUTH	8	DIF F	No	TCP/IP service for SSL AUTHENTICATE=NO protocol			15
STATE	CVDAS	INQ	CORBASERVE R	DJARDIR	4	LIK E	No	CorbaServer state usage	UNUSABLE	E630 +	4
STATE Output valid values	INITING, INSERVICE, PENDINIT, PENDRESOLVE, UNRESOLVED, UNUSABLE, DISCARDING, RESOLVING										
UNAUTH	CHAR	INQ	CORBASERVE R	UNAUTH	8	DIF F	No	TCP/IP service for unauthenticated protocol			13



## Chapter 130. EJDINGRP Resource Table

A CICSplex SM Business Application Services Definition that describes the membership of a CICS-deployed JAR file definition (EJDJDEF) in a resource group (RESGROUP). An EJDJDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is EJDGROUP.

The **Secondary** key field for this resource class is EJDNAME.

The **Tertiary** key field for this resource class is EJDVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6177

<i>Table 308. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 309. EJDINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	EJDINGRP_INV_DATA	Attribute data invalid
2	EJDINGRP_REC_NOT_FOUND	Requested resource not found
4	EJDINGRP_REC_EXISTS	Resource already exists
6	EJDINGRP_INV_RESTYPE	Invalid resource type
7	EJDINGRP_INV_VER	Invalid resource version
11	EJDINGRP_NON_MP	Maintenance point CMAS not available

Table 309. EJDINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	EJDINGRP_INV_CONTEXT	Context not found
21	EJDINGRP_INCONSISTENT_SET	Inconsistent set
22	EJDINGRP_DIFF_VERSION	Different version
23	EJDINGRP_INV_NAME	Invalid name
24	EJDINGRP_INV_MINNAME	Invalid minor name

Table 310. EJDINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>EJDGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>EJDNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	CICS-deployed JAR file definition name	6
<b>EJDVER-3</b>	BINARY	CPSM	1	Yes	AVG	CICS-deployed JAR file definition version	7

## Chapter 131. EJDJAR Resource Table

A CICS Resource that describes a CICS-deployed JAR file object being managed by CICSplex SM. This resource is not supported in CICS TS for z/OS, Version 5.1 and later versions.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### PUBLISH

Publish the CICS-deployed JAR file to the JNDI directory.

### RETRACT

Retract the CICS-deployed JAR file from the JNDI directory.

### DISCARD

Discard the CICS-deployed JAR file from the JNDI directory.

### External resource name

CICSDeployedJARFile

### Length

384

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0109

*Table 311. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	PUBLISH	None	N/A
	RETRACT	None	N/A
	DISCARD	None	N/A

*Table 312. EJDJAR resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Inval id	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release			

Table 312. EJDJAR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Inval id	Attr ID
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved			
BASDEFINEVER	BINARY	CPSM			1	AVG	BAS resource definition version	0	E640 E650	16
CHANGEAGENT	CVDAS	INQ	DJAR	STATE	4	LIKE	Last modification agent		E640 E650	7
CHANGEAGENT Input/ output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, DYNAMIC, CREATESPI, NOTAPPLIC									
CHANGEAGREL	CHAR	INQ	DJAR	STATE	4	DIFF	Last modification agent release		E640 E650	9
CHANGETIME	DATETIME	INQ	DJAR	STATE	8	MAX	Last modification time		E640 E650	10
CHANGEUSRID	CHAR	INQ	DJAR	STATE	8	DIFF	Last modification user ID		E640 E650	8
CORBASERVER	CHAR	INQ	DJAR	CORBASERVER	4	DIFF	CorbaServer name			2
DEFINESOURCE	CHAR	INQ	DJAR	STATE	8	DIFF	Source of the resource definition		E640 E650	11
DEFINETIME	DATETIME	INQ	DJAR	STATE	8	MAX	Creation time		E640 E650	12
HFSFILE	CHAR	INQ	DJAR	HFSFILE	25 5	DIFF	zSeries File System (zFS) path			4
INSTALLAGENT	CVDAS	INQ	DJAR	STATE	4	LIKE	Installation agent		E640 E650	15
INSTALLAGENT Input/ output valid values	CSDAPI, CREATESPI, DYNAMIC, GRPLIST									
INSTALLTIME	DATETIME	INQ	DJAR	STATE	8	MAX	Installation time		E640 E650	14
INSTALLUSRID	CHAR	INQ	DJAR	STATE	8	DIFF	Installation user ID		E640 E650	13
LASTMODTIME	DATETIME	INQ	DJAR	HFSFILE	8	MAX	Time the DJAR was last modified			6
<b>NAME-1</b>	CHAR	INQ	DJAR	DJAR	32	DIFF	CICS-deployed JAR file			1
STATE	CVDAS	INQ	DJAR	STATE	4	LIKE	CICS-deployed JAR file status	UNUSABLE		3
STATE Output valid values	INITING, INSERVICE, PENDINIT, PENDRESOLVE, UNRESOLVED, UNUSABLE, DISCARDING, RESOLVING									



## Chapter 132. EJDJBEAN Resource Table

A CICS Resource that describes an Enterprise Bean object in a CICS-deployed JAR file being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is BEANNAME.

The **Tertiary** key field for this resource class is CORBASERVER.

There are no actions supported against it.

### External resource name

CICSBeansInDeployedJARFile

### Length

312

### Usage

API or WUI or CICS Management Client Interface

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0112

Table 313. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 314. EJDJBEAN resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
BEANACTIVATE	BINARY	STAT	DFHEJBDS	EJB_BEAN_ACTIVATIONS	4	AVG	Number of Bean state Activates	4
BEANCREATES	BINARY	STAT	DFHEJBDS	EJB_BEAN_CREATES	4	AVG	Number of Bean Creates	6
BEANMETHCALL	BINARY	STAT	DFHEJBDS	EJB_BEAN_METHOD_CALLS	4	AVG	Number of Bean Method calls	8
<b>BEANNAME-2</b>	CHAR	INQ	BEAN	BEAN	240	DIFF	Enterprise bean name	2
BEANPASSIVAT	BINARY	STAT	DFHEJBDS	EJB_BEAN_PASSIVATIONS	4	AVG	Number of Bean state Passivates	5

Table 314. EJDJBEAN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
BEANREMOVES	BINARY	STAT	DFHEJBDS	EJB_BEAN_REMOVES	4	AVG	Number of Bean Removes	7
<b>CORBASERVER-3</b>	CHAR	INQ	BEAN	CORBASERVER	4	DIFF	CorbaServer name	3
<b>NAME-1</b>	CHAR	INQ			32	DIFF	CICS-deployed JAR file	1

## Chapter 133. EJDJDEF Resource Table

A CICS Definition that describes a CICS-deployed JAR file.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Secondary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a CICS-deployed JAR file definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionDeployedJARFile

### Length

400

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3832

<i>Table 315. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Value	Code	Description
1	EJDJDEF_INV_DATA	Attribute data invalid
2	EJDJDEF_REC_NOT_FOUND	Requested resource not found
4	EJDJDEF_REC_EXISTS	Resource already exists
5	EJDJDEF_REC_CHANGED	Resource definition already changed
6	EJDJDEF_INV_RESTYPE	Invalid resource type
7	EJDJDEF_INV_VER	Invalid resource version
11	EJDJDEF_NON_MP	Maintenance point CMAS not available
12	EJDJDEF_INV_CONTEXT	Context not found
13	EJDJDEF_INCONSISTENT_SET	Inconsistent set condition
14	EJDJDEF_INV_RESGROUP	Resource group not found
21	EJDJDEF_INV_ACTION	Invalid action
22	EJDJDEF_INV_RECADDR	Invalid record address
23	EJDJDEF_INV_RECLEN	Invalid record length
24	EJDJDEF_DIFF_VERSION	Different version
25	EJDJDEF_EARLY_NAMELIST_END	Early name list end
26	EJDJDEF_INV_NAMELIST	Invalid name list
27	EJDJDEF_INV_NAME	Invalid name
28	EJDJDEF_INV_MINNAME	Invalid minor name

Table 316. EJDJDEF FEEDBACK error codes (continued)

<b>Value</b>	<b>Code</b>	<b>Description</b>
29	EJDJDEF_NOTIFY	Notify
30	EJDJDEF_PARTIAL_INSTALL	Partial install
31	EJDJDEF_NOTHING_INSTALLED	Nothing installed
32	EJDJDEF_NO_TARGETS	No targets
33	EJDJDEF_NO_RELATED	No related systems
34	EJDJDEF_INV_TSCOPE	Invalid target scope
35	EJDJDEF_INV_RSCOPE	Invalid related scope
36	EJDJDEF_INV_USAGE	Invalid usage
37	EJDJDEF_INV_MODE	Invalid mode
38	EJDJDEF_INV_STATECHK	Invalid state check
39	EJDJDEF_INV_FORCEINS	Invalid force install
40	EJDJDEF_INV_NOTIFY	Invalid notify
41	EJDJDEF_INV_OVERTYPE	Invalid oertype
42	EJDJDEF_INV_OVRBLOCK	Invalid override block
43	EJDJDEF_INV_ORSTRING	Invalid override string
44	EJDJDEF_INV_STRNGTERM	Invalid string terminator
45	EJDJDEF_INV_EMBEDTERM	Invalid embedded terminator
46	EJDJDEF_INV_ATTRIBUTE	Invalid attribute
47	EJDJDEF_INV_LITERAL	Invalid literal
48	EJDJDEF_INV_ORSTGNA	Invalid override string
49	EJDJDEF_SCOPE_REQUIRED	Scope required
50	EJDJDEF_USAGE_CONFLICT	Usage conflict
51	EJDJDEF_NODEFS_SELECTED	No definitions selected
52	EJDJDEF_MORE_THAN_1_RELSYS	More than one related system
53	EJDJDEF_MISSING_RELSYSID	Missing related system identifier
54	EJDJDEF_SCOPE_CONFLICT	Scope conflict
55	EJDJDEF_INV_CSDGROUP	Invalid CSD group
56	EJDJDEF_REC_NOT_REMOVED	Record not removed
57	EJDJDEF_INV_RESOURCE	Invalid resource
58	EJDJDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	EJDJDEF_PARTIAL_ACTION	Partial action
60	EJDJDEF_NOTHING_ACTIONED	Nothing actioned
61	EJDJDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 316. EJDJDEF FEEDBACK error codes (continued)

Value	Code	Description
62	EJDJDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	EJDJDEF_CSD_ERROR	CSD access error

Table 317. EJDJDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	18
CHANGEAGENT Input/ output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	19
CORBASERVER	CHAR	CPSM	4	Yes	DIFF	CorbaServer name				15
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				9
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	22
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		17
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				13
HFSFILE	CHAR	CPSM	25 5	Yes	DIFF	zSeries File System (zFS) path				16
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				7
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				10
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				12

## Chapter 134. ELSIGNAL Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EL SIGNAL is emitted by a local MAS agent when an SVCDUMP is about to be taken. The SVCDUMP completion is noted by an EMASWELL notification.

**External resource name**

**Length**

48

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2568

Table 318. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 319. ELSIGNAL resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
DUMPCODE	CHAR	CPSM	8	LIKE	SVC dump dumpcode	8
DUMPTERM	CHAR	CPSM	4	LIKE	SVC dump terminal ID	11
DUMPTRAN	CHAR	CPSM	4	LIKE	SVC dump transaction ID	10
DUMPUSER	CHAR	CPSM	8	LIKE	SVC dump user ID	9
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
SIGTYPE	BINARY	CPSM	1	LIKE	Local signal type	6
SIGTYPE Input/output valid values	1 (LOWEST) - Lowest Signal Type, 1 (SVCDUMP) - MAS is issuing an SVC Dump, 1 (HIGHEST) - Highest Signal Type					





## Chapter 135. EMASJOIN Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMASJOIN is emitted by a Topology control object when a CICS system connects to another CMAS managing the CICSplex .

**External resource name**

**Length**

176

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2405

Table 320. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 321. EMASJOIN resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CECNAME	CHAR	CPSM	8	LIKE	CEC name	24
CMASNAME	CHAR	CPSM	8	LIKE	CMAS name	4
CSYSAPPL	CHAR	CPSM	8	LIKE	VTAM application ID	14
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	6
DAYLGHTSV	EYUDA	CPSM	4	LIKE	Daylight saving time in effect	19
DAYLGHTSV Output valid values	YES, NO					
DESC	CHAR	CPSM	58	DIFF	Description	13
DYNROUTE	BINARY	CPSM	1	LIKE	Dynamic routing mode	11
DYNROUTE Input/output valid values	1 (ACTIVE) - Routing active, 2 (SUSPEND) - Routing suspended					
DYNTYPE	CHAR	CPSM	3	LIKE	Dynamic routing type	12
JOBNAME	CHAR	CPSM	8	LIKE	MAS job name	23
MASSTART	TIMESTP	CPSM	8	LIKE	MAS start time	15
MON_SPEC	CHAR	CPSM	8	LIKE	Monitor specification name	7

Table 321. EMASJOIN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
MVSNAME	CHAR	CPSM	4	LIKE	MVS system name	22
OPSYSREL	CHAR	CPSM	4	LIKE	MAS operating system release	21
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	5
RTA_SPEC	CHAR	CPSM	8	LIKE	Real Time Analysis (RTA) specification name	8
STATUS	BIT	CPSM	1	LIKE	Status	10
STATUS Input/output valid values	128 (LOCAL) - Local MAS, 64 (REMOTE) - Remote MAS					
SYSID	CHAR	CPSM	4	LIKE	MAS system ID	20
SYSPLEX	CHAR	CPSM	8	LIKE	SYSplex name	25
TMEZONE	CHAR	CPSM	1	LIKE	Time zone	17
TMEZONEO	BINARY	CPSM	1	LIKE	Time zone offset	16
WLM_SPEC	CHAR	CPSM	8	LIKE	Workload manager specification name	9

## Chapter 136. EMASSICK Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMASSICK is emitted by a MAS agent to identify a condition that affects the health of the CICS system. An EMASSICK instance identifies a single specific sickness type. It also carries the complete health status of the MAS as reported by previous EMASSICK or ELSIGNAL notifications.

If a region starts to produce a system dump, this event is reported by the ELSIGNAL notification and not by the EMASSICK notification. After the system dump is produced, an EMASWELL notification is issued. To capture the system dump notification, use the ELSIGNAL notification instead.

**External resource name**

**Length**

208

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2402

Table 322. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 323. EMASSICK resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CHGSTALL1	BIT	CPSM	1	LIKE	First stall indicator flag	43
CHGSTALL1 Input/output valid values	128 (ENQUEUE) - Enqueue suspended, 64 (TASKWAIT) - Task wait suspended, 32 (DLI) - DLI suspended, 16 (DBCTRL) - DB control suspended, 8 (STORAGE) - Storage suspended, 4 (UNKNOWN) - Unknown suspended, 2 (DISPABLE) - Dispable (not used), 1 (RUNNING) - Running (not used)					
CHGSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flag	42
CHGSTALL2 Input/output valid values	128 (DISP) - Dispatcher suspended, 64 (ALLCSESS) - Allocate session suspended, 32 (TERM) - Terminal control suspended, 16 (INTV) - Interval control suspended, 8 (FILE) - File I/O suspended, 4 (TEMPSTOR) - Temporary storage suspend, 2 (TSDATA) - Transient data suspended, 1 (JOURNAL) - Journal suspended					
CHGSTALL3	BIT	CPSM	1	LIKE	Third stall indicator flag	41
CHGSTALL3 Input/output valid values	128 (EJB) - Enterprise java suspended, 64 (LOGGER) - Log Manager suspended, 32 (IRLINK) - Interregn link suspended, 16 (DB2) - DB2 suspended, 8 (LOCK) - Lock manager suspended, 4 (XRF) - XRF suspended, 2 (PROGRAM) - Program manager suspended, 1 (TRANSACT) - Transaction manager suspended					

Table 323. EMASICK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
CHGSTALL4	BIT	CPSM	1	LIKE	Fourth stall indicator flag	40
CHGSTALL4 Input/output valid values	128 (ASYNC) - Asynchronous API task suspended, 64 (IPIC) - IP interconnectivity suspended, 32 (RMI) - Resource manager suspended, 16 (CONSOLE) - Console domain suspended, 8 (SOCKETS) - Sockets domain suspended, 4 (MQSERIES) - MQSeries suspended, 2 (USERWAIT) - User suspended, 1 (WEBSERV) - Web services suspended					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
CURSTALL1	BIT	CPSM	1	LIKE	First stall indicator flag	38
CURSTALL1 Input/output valid values	128 (ENQUEUE) - Enqueue suspended, 64 (TASKWAIT) - Task wait suspended, 32 (DLI) - DLI suspended, 16 (DBCTRL) - DBCTL suspended, 8 (STORAGE) - Storage suspended, 4 (UNKNOWN) - Unknown suspended, 2 (DISPABLE) - Dispable (not used), 1 (RUNNING) - Running (not used)					
CURSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flag	37
CURSTALL2 Input/output valid values	128 (DISP) - Dispatcher suspended, 64 (ALLCSESS) - Allocate session suspended, 32 (TERM) - Terminal control suspended, 16 (INTV) - Interval control suspended, 8 (FILE) - File I/O suspended, 4 (TEMPSTOR) - Temporary storage suspended, 2 (TSDATA) - Transient data suspended, 1 (JOURNAL) - Journal suspended					
CURSTALL3	BIT	CPSM	1	LIKE	Third stall indicator flag	36
CURSTALL3 Input/output valid values	128 (EJB) - Enterprise java suspended, 64 (LOGGER) - Log Manager suspended, 32 (IRLINK) - Interregn link suspended, 16 (DB2) - DB2 suspended, 8 (LOCK) - Lock manager suspended, 4 (XRF) - XRF suspended, 2 (PROGRAM) - Program manager suspended, 1 (TRANSACTION) - Transaction manager suspended					
CURSTALL4	BIT	CPSM	1	LIKE	Fourth stall indicator flag	35
CURSTALL4 Input/output valid values	128 (ASYNC) - Asynchronous API task suspended, 64 (IPIC) - IP interconnectivity suspended, 32 (RMI) - Resource manager suspended, 16 (CONSOLE) - Console domain suspended, 8 (SOCKETS) - Sockets domain suspended, 4 (MQSERIES) - MQSeries suspended, 2 (USERWAIT) - User suspended, 1 (WEBSERV) - Web services suspended					
DUMP_CODE	CHAR	CPSM	8	LIKE	Dump code	31
DUMP_PROGRAM	CHAR	CPSM	8	LIKE	Abending program	30
DUMP_TERMID	CHAR	CPSM	4	LIKE	Terminal ID	27
DUMP_TRANID	CHAR	CPSM	4	LIKE	Transaction ID	28
DUMP_USERID	CHAR	CPSM	8	LIKE	User ID	29
LOSTMAS_TIM	TIMESTP	CPSM	8	LIKE	MAS lost contact time	46
MASTYPE	BIT	CPSM	1	LIKE	Status	6
MASTYPE Input/output valid values	128 (LOCAL) - Local MAS, 64 (REMOTE) - Remote MAS					
MAXTASK_TIM	TIMESTP	CPSM	8	LIKE	Time detected maximum task limit reached	13
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
SICKTYPE	EYUDA	CPSM	4	LIKE	Specific sick identification	10
SICKTYPE Output valid values	SYSDUMP, TRANDUMP, MAXTASK, STALLED, SOSUDSA, SOSCDSA, SOSEUDSA, SOSECDSA, SOSERDSA, SOSSDSA, SOSESDSA, SOSRDSA, SOSMVS, SOSBELOW, SOSABOVE, SOSGCDSA, LOSTMAS					
SOSABOVE_TIM	TIMESTP	CPSM	8	LIKE	Time detected SOS above 16M	24
SOSBELOW_TIM	TIMESTP	CPSM	8	LIKE	Time detected SOS below 16M	25
SOSCDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected CDSA SOS	17
SOSCONDS	BIT	CPSM	1	LIKE	Storage health indicators	8
SOSCONDS Input/output valid values	128 (SOSUDSA) - UDSA SOS, 64 (SOSCDSA) - CDSA SOS, 32 (SOSEUDSA) - EUDSA SOS, 16 (SOSECDSA) - ECDSA SOS, 8 (SOSERDSA) - ERDSA SOS, 4 (SOSSDSA) - SDSA SOS, 2 (SOSESDSA) - ESDSA SOS, 1 (SOSRDSA) - RDSA SOS					
SOSCONDS2	BIT	CPSM	1	LIKE	Storage health indicators	9
SOSCONDS2 Input/output valid values	128 (SOSABOVE) - SOS above 16M, 64 (SOSBELOW) - SOS below 16M, 32 (SOSMVS) - MVS is short on storage, 16 (SOSGCDSA) - SOS Above bar					
SOSECDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected ECDSA SOS	19
SOSERDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected ERDSA SOS	20
SOSESDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected ESDSA SOS	22
SOSEUDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected EUDSA SOS	18
SOSGCDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected SOS above bar	45

Table 323. EMASICK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
SOSMVS_TIM	TIMESTP	CPSM	8	LIKE	Time detected MVS SOS	44
SOSRDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected RDSA SOS	23
SOSSDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected SDSA SOS	21
SOSUDSA_TIM	TIMESTP	CPSM	8	LIKE	Time detected UDSA SOS	16
STALL_TIM	TIMESTP	CPSM	8	LIKE	Time detected system stalled	14
SYSCONDS	BIT	CPSM	1	LIKE	System health indicators	7
SYSCONDS Input/output valid values	128 (SYSDUMP) - System dumping, 64 (TRANDUMP) - Transaction dumping, 32 (MAXTASK) - Max tasks, 16 (STALLED) - System stalled					
SYSDUMP_TIM	TIMESTP	CPSM	8	LIKE	Time detected system dumping	11
TRANDUMP_CNT	BINARY	CPSM	4	LIKE	Transaction dump use count	32
TRANDUMP_TIM	TIMESTP	CPSM	8	LIKE	Time detected transaction dumping	12



## Chapter 137. EMASSTOP Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMASSTOP is emitted by a Topology control object when a CICS system terminates. The CICS system may have been attached to the localCMAS or some other CMAS in the CICSplex. EMASSTOP can normally be used to indicate that the CICS system has shut down. However, if the MAS agent is terminated, that event also generates an EMASSTOP notification.

**External resource name**

**Length**  
168

**Usage**  
API

**API view**  
No

**CMAS context**  
No

**SCOPE applies**  
No

**Only query CMASs in workload**  
No

**Object type**  
CICSplex SM Notification

**Copybook identifier**  
EYUt2401

Table 324. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 325. EMASSTOP resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CECNAME	CHAR	CPSM	8	LIKE	CEC name	20
CMASNAME	CHAR	CPSM	8	LIKE	CMAS name	4
CSYSAPPL	CHAR	CPSM	8	LIKE	VTAM application ID	14
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	6
DESC	CHAR	CPSM	58	DIFF	Description	13
DYNROUTE	BINARY	CPSM	1	LIKE	Dynamic routing mode	11
DYNROUTE Input/output valid values	1 (ACTIVE) - Routing active, 2 (SUSPEND) - Routing suspended					
DYNTYPE	CHAR	CPSM	3	LIKE	Dynamic routing type	12
JOBNAME	CHAR	CPSM	8	LIKE	MAS job name	19
MASSTART	TIMESTP	CPSM	8	LIKE	MAS start time	15
MON_SPEC	CHAR	CPSM	8	LIKE	Monitor specification name	7

Table 325. EMASSTOP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
MVSNAME	CHAR	CPSM	4	LIKE	MVS system name	18
OPSYSREL	CHAR	CPSM	4	LIKE	MAS operating system release	17
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	5
RTA_SPEC	CHAR	CPSM	8	LIKE	Real Time Analysis (RTA) specification name	8
STATUS	BIT	CPSM	1	LIKE	Status	10
STATUS Input/output valid values	128 (LOCAL) - Local MAS stop, 64 (REMOTE) - Remote MAS stop, 32 (LOCAL) - Local MAS lost contact, 16 (REMOTEL) - Remote MAS lost contact, 8 (GONEL) - Local MAS no longer active, 4 (GONER) - Remote MAS no longer active, 2 (MASREM) - MAS Removal Invoked					
SYSID	CHAR	CPSM	4	LIKE	MAS system ID	16
SYSPLEX	CHAR	CPSM	8	LIKE	SYSplex name	21
WLM_SPEC	CHAR	CPSM	8	LIKE	Workload manager specification name	9



## Chapter 138. EMASSTR Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMASSTR is emitted by a Topology control object when a CICS system connects to the local CMAS. The CICS system connect is seen in other CMAS instances in the CICSplex as an EMASJOIN notification.

**External resource name**

**Length**

176

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2400

Table 326. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 327. EMASSTR resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CECNAME	CHAR	CPSM	8	LIKE	CEC name	24
CMASNAME	CHAR	CPSM	8	LIKE	CMAS name	4
CSYSAPPL	CHAR	CPSM	8	LIKE	VTAM application ID	14
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	6
DAYLGHTSV	EYUDA	CPSM	4	LIKE	Daylight saving time in effect	19
DAYLGHTSV Output valid values	YES, NO					
DESC	CHAR	CPSM	58	DIFF	Description	13
DYNROUTE	BINARY	CPSM	1	LIKE	Dynamic routing mode	11
DYNROUTE Input/output valid values	1 (ACTIVE) - Routing ACTIVE, 2 (SUSPEND) - Routing SUSPENDED					
DYNTYPE	CHAR	CPSM	3	LIKE	Dynamic routing type	12
JOBNAME	CHAR	CPSM	8	LIKE	MAS job name	23
MASSTART	TIMESTP	CPSM	8	LIKE	MAS start time	15
MON_SPEC	CHAR	CPSM	8	LIKE	Monitor specification name	7

Table 327. EMASSTR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
MVSNAME	CHAR	CPSM	4	LIKE	MVS system name	22
OPSYSREL	CHAR	CPSM	4	LIKE	MAS operating system release	21
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	5
RTA_SPEC	CHAR	CPSM	8	LIKE	Real Time Analysis (RTA) specification name	8
STATUS	BIT	CPSM	1	LIKE	Status	10
STATUS Input/output valid values	128 (LOCAL) - Local MAS, 64 (REMOTE) - Remote MAS					
SYSID	CHAR	CPSM	4	LIKE	MAS system ID	20
SYSPLEX	CHAR	CPSM	8	LIKE	SYSplex name	25
TMEZONE	CHAR	CPSM	1	LIKE	Time zone	17
TMEZONEO	BINARY	CPSM	1	LIKE	Time zone offset	16
WLM_SPEC	CHAR	CPSM	8	LIKE	Workload manager specification name	9

## Chapter 139. EMASWELL Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMASWELL is emitted by a MAS agent to report the resolution of a health condition in a CICS system that was reported by a previous EMASICK notification. An EMASWELL instance identifies a single specific sickness resolution. It also carries the complete health status of the MAS as reported by previous EMASICK or ELSIGNAL notifications.

**External resource name**

**Length**  
208

**Usage**  
API

**API view**  
No

**CMAS context**  
No

**SCOPE applies**  
No

**Only query CMASs in workload**  
No

**Object type**  
CICSplex SM Notification

**Copybook identifier**  
EYUt2403

Table 328. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 329. EMASWELL resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CHGSTALL1	BIT	CPSM	1	LIKE	First stall indicator flag	43
CHGSTALL1 Input/output valid values	128 (ENQUEUE) - Enqueue suspend, 64 (TASKWAIT) - Task wait suspend, 32 (DLI) - DLI suspend, 16 (DBCTRL) - DBCTL suspend, 8 (STORAGE) - Storage suspend, 4 (UNKNOWN) - Unknown suspend, 2 (DISPABLE) - Dispable (not used), 1 (RUNNING) - Running (not used)					
CHGSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flag	42
CHGSTALL2 Input/output valid values	128 (DISP) - Dispatcher suspend, 64 (ALLCSESS) - Allc session suspend, 32 (TERM) - Terminal control, 16 (INTV) - Intv control suspend, 8 (FILE) - File I/O suspend, 4 (TEMPSTOR) - Temp stor suspend, 2 (TSDATA) - Transi data suspend, 1 (JOURNAL) - Journal suspend					
CHGSTALL3	BIT	CPSM	1	LIKE	Third stall indicator flag	41
CHGSTALL3 Input/output valid values	128 (EJB) - Enterprise java suspend, 64 (LOGGER) - Log manager suspend, 32 (IRLINK) - Interregn link suspend, 16 (DB2) - DB2 suspend, 8 (LOCK) - Lockmgr suspend, 4 (XRF) - XRF suspend, 2 (PROGRAM) - Progmgr suspend, 1 (TRANSACTION) - Transmgr suspend					
CHGSTALL4	BIT	CPSM	1	LIKE	Fourth stall indicator flag	40

Table 329. EMASWELL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
CHGSTALL4 Input/output valid values	128 (ASYNC) - Asynchronous API task suspended, 64 (IPIC) - IP interconnectivity suspend, 32 (RMI) - Resource manager suspend, 16 (CONSOLE) - Console domain suspend, 8 (SOCKETS) - Sockets domain suspend, 4 (MQSERIES) - MQSeries suspend, 2 (USERWAIT) - User suspend, 1 (WEBSERV) - Web services suspend					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
CURSTALL1	BIT	CPSM	1	LIKE	First stall indicator flag	38
CURSTALL1 Input/output valid values	128 (ENQUEUE) - Enqueue suspend, 64 (TASKWAIT) - Task wait suspend, 32 (DLI) - DLI suspend, 16 (DBCTRL) - DBCTRL suspend, 8 (STORAGE) - Storage suspend, 4 (UNKNOWN) - Unknown suspend, 2 (DISPABLE) - Dispable (not used), 1 (RUNNING) - Running (not used)					
CURSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flag	37
CURSTALL2 Input/output valid values	128 (DISP) - Dispatcher suspend, 64 (ALLCSESS) - Allc session suspend, 32 (TERM) - Terminal control, 16 (INTV) - Intv control suspend, 8 (FILE) - File I/O suspend, 4 (TEMPSTOR) - Temp stg suspend, 2 (TSDATA) - Transi data suspend, 1 (JOURNAL) - Journal suspend					
CURSTALL3	BIT	CPSM	1	LIKE	Third stall indicator flag	36
CURSTALL3 Input/output valid values	128 (EJB) - Enterprise java suspend, 64 (LOGGER) - Log manager suspend, 32 (IRLINK) - Interregn link suspend, 16 (DB2) - DB2 suspend, 8 (LOCK) - Lockmgr suspend, 4 (XRF) - XRF suspend, 2 (PROGRAM) - Progmgr suspend, 1 (TRANSACTION) - Tranmgr suspend					
CURSTALL4	BIT	CPSM	1	LIKE	Fourth stall indicator flag	35
CURSTALL4 Input/output valid values	128 (ASYNC) - Asynchronous API task suspended, 64 (IPIC) - IP interconnectivity suspend, 32 (RMI) - Resource manager suspend, 16 (CONSOLE) - Console domain suspend, 8 (SOCKETS) - Sockets domain suspend, 4 (MQSERIES) - MQSeries suspend, 2 (USERWAIT) - User suspend, 1 (WEBSERV) - Web services suspend					
DUMP_CODE	CHAR	CPSM	8	LIKE	Last dump code	31
DUMP_PROGRAM	CHAR	CPSM	8	LIKE	Last dump abending program	30
DUMP_TERMID	CHAR	CPSM	4	LIKE	Last dump terminal ID	27
DUMP_TRANID	CHAR	CPSM	4	LIKE	Last dump transaction ID	28
DUMP_USERID	CHAR	CPSM	8	LIKE	Last dump user ID	29
LOSTMAS_TIM	TIMESTP	CPSM	8	LIKE	Time relieved MAS lost contact	46
MASTYPE	BIT	CPSM	1	LIKE	Status	6
MASTYPE Input/output valid values	128 (LOCAL) - Local MAS, 64 (REMOTE) - Remote MAS					
MAXTASK_TIM	TIMESTP	CPSM	8	LIKE	Time relieved maximum task limit	13
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
SOSABOVE_TIM	TIMESTP	CPSM	8	LIKE	Time relieved SOS above 16M	24
SOSBELOW_TIM	TIMESTP	CPSM	8	LIKE	Time relieved SOS below 16M	25
SOSCDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved CDSA SOS	17
SOSCONDS	BIT	CPSM	1	LIKE	Storage health indicators	8
SOSCONDS Input/output valid values	128 (SOSUDSA) - On-not UDSA SOS, 64 (SOSCDSA) - On-not CDSA SOS, 32 (SOSEUDSA) - On-not EUDSA SOS, 16 (SOSECDSA) - On-not ECDSA SOS, 8 (SOSERDSA) - On-not ERDSA SOS, 4 (SOSSDSA) - On-not SDSA SOS, 2 (SOSESDSA) - On-not ESDSA SOS, 1 (SOSRDSA) - On-not RDSA SOS					
SOSCONDS2	BIT	CPSM	1	LIKE	Storage health indicators	9
SOSCONDS2 Input/output valid values	128 (SOSABOVE) - On-not SOS above 16M, 64 (SOSBELOW) - On-not SOS below 16M, 32 (SOSMVS) - On-not SOS in MVS, 16 (SOSGCDSA) - On-not SOS above bar					
SOSECDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved ECDSA SOS	19
SOSERDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved ERDSA SOS	20
SOSESDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved ESDSA SOS	22
SOSEUDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved EUDSA SOS	18
SOSGCDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved SOS above bar	45
SOSMVS_TIM	TIMESTP	CPSM	8	LIKE	Time relieved MVS SOS	44
SOSRDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved RDSA SOS	23
SOSSDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved SDSA SOS	21
SOSUDSA_TIM	TIMESTP	CPSM	8	LIKE	Time relieved UDSA SOS	16

Table 329. EMASWELL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
STALL_TIM	TIMESTP	CPSM	8	LIKE	Time relieved system stalled	14
SYSCONDS	BIT	CPSM	1	LIKE	System health indicators	7
SYSCONDS Input/output valid values	128 (SYSDUMP) - On-not sys dumping, 64 (TRANDUMP) - On-not tran dumping, 32 (MAXTASK) - On-not at max tasks, 16 (STALLED) - On-not stalled					
SYSDUMP_TIM	TIMESTP	CPSM	8	LIKE	Time relieved system dumping	11
TRANDUMP_CNT	BINARY	CPSM	4	LIKE	Transaction dump use count	32
TRANDUMP_TIM	TIMESTP	CPSM	8	LIKE	Time relieved tran dumping	12
WELLTYPE	EYUDA	CPSM	4	LIKE	Specific well identification	10
WELLTYPE Output valid values	SYSDUMP, TRANDUMP, MAXTASK, STALLED, SOSUDSA, SOSCDSDA, SOSEUDSA, SOSECSDA, SOSERDSA, SOSSSDA, SOSESDSA, SOSRDSA, SOMMVS, SOSBELOW, SOSABOVE, SOSGCSDA, LOSTMAS					



## Chapter 140. EMCICS Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMCICS is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MCICS resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS.

**External resource name**

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2467

Table 330. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 331. EMCICS resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	MCICS					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4





## Chapter 141. EMCONN Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMCONN is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MCONN resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS .

**External resource name**

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2470

<i>Table 332. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 333. EMCONN resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	MCONN					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 142. EMDBX Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMDBX is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MDBX resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS .

**External resource name**

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2469

<i>Table 334. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 335. EMDBX resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	MDBX					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 143. EMFILE Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMFILE is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MFILE resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS .

**External resource name**

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2471

<i>Table 336. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 337. EMFILE resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	MFILE					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 144. EMGLBL Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMGLBL is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MGLBL resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS .

**External resource name**

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2468

<i>Table 338. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 339. EMGLBL resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	MGLBL					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4





## Chapter 145. EMJRNL Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMJRNL is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MJRNL resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS .

**External resource name**

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2472

Table 340. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 341. EMJRNL resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	MJRNL					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



# Chapter 146. EMPROG Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMPROG is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MPROG resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS .

**External resource name**

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2473

Table 342. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 343. EMPROG resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	MPROG					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 147. EMSTATUS Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMSTATUS is emitted by a MAS agent to identify the current health of the MAS. This is a periodic notification that is often referred to as the MAS heartbeat. EMSTATUS contains all currently active MAS sickness indicators as reported by previous EMASSICK notifications. Other critical data of interest to various CPSM management applications is also provided.

The frequency of EMSTATUS emissions is not an externally documented value and is subject to change. It is important to note that every MAS generates multiple EMSTATUS notifications every minute. If an API program registers interest in EMSTATUS, the program must be prepared to receive the asynchronous output on a regular and frequent basis. A program should assume that each MAS generates an EMSTATUS notification at least every 15 seconds for as long as it is connected to the CICSplex. In a CICSplex with 50 active MAS instances, this can result in 200 EMSTATUS notifications every minute in every CMAS managing the CICSplex. If a program registers interest in EMSTATUS, but does not process the notifications in a timely manner, large amounts of data space storage will be used to hold copies of these notifications.

**External resource name**

**Length**  
224

**Usage**  
API

**API view**  
No

**CMAS context**  
No

**SCOPE applies**  
No

**Only query CMASs in workload**  
No

**Object type**  
CICSplex SM Notification

**Copybook identifier**  
EYUt2507

Table 344. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 345. EMSTATUS resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
AMAXTASKS	BINARY	INQ	4	LIKE	Maximum number of active tasks	35
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
CURRTASKS	BINARY	INQ	4	LIKE	Current number of tasks	36
CURSTALL1	BIT	CPSM	1	LIKE	First stall indicator flag	46

Table 345. EMSTATUS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
CURSTALL1 Input/output valid values	128 (ENQUEUE) - Enqueue suspended, 64 (TASKWAIT) - Task wait suspended, 32 (DLI) - DLI suspended, 16 (DBCTRL) - DBCTL suspended, 8 (STORAGE) - Storage suspended, 4 (UNKNOWN) - Unknown suspended, 2 (DISPABLE) - Dispatched-unused, 1 (RUNNING) - Running-unused					
CURSTALL2	BIT	CPSM	1	LIKE	Second stall indicator flag	45
CURSTALL2 Input/output valid values	128 (DISP) - Dispatcher suspended, 64 (ALLCSESS) - Allocate session suspended, 32 (TERM) - Terminal control suspended, 16 (INTV) - Interval control suspended, 8 (FILE) - File I/O suspended, 4 (TEMPSTOR) - Temporary storage suspend, 2 (TSDATA) - Transient data suspended, 1 (JOURNAL) - Journal suspended					
CURSTALL3	BIT	CPSM	1	LIKE	Third stall indicator flag	44
CURSTALL3 Input/output valid values	128 (EJB) - Enterprise java suspended, 64 (LOGGER) - Log manager suspended, 32 (IRLINK) - Interregn link suspended, 16 (DB2) - DB2 suspended, 8 (LOCK) - Lock manager suspended, 4 (XRF) - XRF suspended, 2 (PROGRAM) - Program manager suspended, 1 (TRANSACTION) - Transaction Manager suspended					
CURSTALL4	BIT	CPSM	1	LIKE	Fourth stall indicator flag	43
CURSTALL4 Input/output valid values	128 (ASYNC) - Asynchronous API task suspended, 64 (IPIC) - IP interconnectivity suspended, 32 (RMI) - Resource manager suspended, 16 (CONSOLE) - Console suspended, 8 (SOCKETS) - Sockets domain suspended, 4 (MQSERIES) - MQSeries suspended, 2 (USERWAIT) - User suspended, 1 (WEBSERV) - Web services suspended					
DUMP_CODE	CHAR	CPSM	8	LIKE	Last dump code	31
DUMP_PROGRAM	CHAR	CPSM	8	LIKE	Last dump abending program	30
DUMP_TERMID	CHAR	CPSM	4	LIKE	Last dump terminal ID	27
DUMP_TRANID	CHAR	CPSM	4	LIKE	Last dump transaction ID	28
DUMP_USERID	CHAR	CPSM	8	LIKE	Last dump user ID	29
IRCSTAT	CVDAS	INQ	4	LIKE	Interregion communication status	38
IRCSTAT Output valid values	OPEN, CLOSED, CLOSING, IMMCLOSING					
LASTTYPE	EYUDA	CPSM	4	LIKE	Last sick/well identification	10
LASTTYPE Output valid values	SYSDUMP, TRANDUMP, MAXTASK, STALLED, SOSUDSA, SOSCDSA, SOSEUDSA, SOSECDSA, SOSERDSA, SOSSDSA, SOSESDSA, SOSRDSA, SOMVMS, SOSBELOW, SOSABOVE, SOSGCDSA, LOSTMAS					
LOSTCON_TIM	TIMESTP	CPSM	8	LIKE	MAS lost contact time	50
MASTYPE	BIT	CPSM	1	LIKE	Status	6
MASTYPE Input/output valid values	128 (LOCAL) - Local MAS, 64 (REMOTE) - Remote MAS, 32 (CPSMWRAM) - Using CPSM WRAM program, 16 (RSFAILED) - RS Domain reporting problems, 08 (RSTRACED) - RS Domain trace issued, 04 (NOMVSWLM) - No MVS/WLM Support, 02 (MVSSRM) - MVS/WLM in SRM Mode, 01 (MVSGOAL) - MVS/WLM in GOAL Mode					
MAXTASKS	BINARY	INQ	4	LIKE	Maximum number of active and suspended tasks	34
MAXTASK_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	13
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
SOSABOVE_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	24
SOSBELOW_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	25
SOSCDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	17
SOSCONDS	BIT	CPSM	1	LIKE	Storage health indicators	8
SOSCONDS Input/output valid values	128 (SOSUDSA) - UDSA SOS, 64 (SOSCDSA) - CDSA SOS, 32 (SOSEUDSA) - EUDSA SOS, 16 (SOSECDSA) - ECDSA SOS, 8 (SOSERDSA) - ERDSA SOS, 4 (SOSSDSA) - SDSA SOS, 2 (SOSESDSA) - ESDSA SOS, 1 (SOSRDSA) - RDSA SOS					
SOSCONDS2	BIT	CPSM	1	LIKE	Storage health indicators	9
SOSCONDS2 Input/output valid values	128 (SOSABOVE) - SOS above 16M, 64 (SOSBELOW) - SOS below 16M, 32 (SOSMVS) - Short of MVS storage, 16 (SOSGCDSA) - SOS above bar					
SOSECDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	19
SOSERDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	20
SOSESDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	22
SOSEUDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	18
SOSGCDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	49
SOSMVS_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	48

Table 345. EMSTATUS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
SOSRDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	23
SOSSDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	21
SOSUDSA_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	16
STALL_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	14
SYSCONDS	BIT	CPSM	1	LIKE	System health indicators	7
SYSCONDS Input/output valid values	128 (SYSDUMP) - System dumping, 64 (TRANDUMP) - Transaction dumping, 32 (MAXTASK) - At max tasks, 16 (STALLED) - Stalled, 08 (NRM) - Non-responsive, 01 (MODEOK) - CICS V3 modename Queue OK					
SYSDUMP_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	11
TRANDUMP_CNT	BINARY	CPSM	4	LIKE	Last transaction dump use count	32
TRANDUMP_TIM	TIMESTP	CPSM	8	LIKE	Last sick/well time	12
VTAMACB	CVDAS	INQ	4	LIKE	VTAM ACB open status	37
VTAMACB Output valid values	OPEN, CLOSED, CLOSING, IMMCLOSING, FORSECLOSING, N_A					





## Chapter 148. EMTDQS Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMTDQS is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MTDQS resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS.

**External resource name**

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2474

<i>Table 346. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 347. EMTDQS resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	MTDQS					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 149. EMTERM Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMTERM is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MTERM resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS .

**External resource name**

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2534

<i>Table 348. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 349. EMTERM resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	MTERM					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 150. EMTRAN Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EMTRAN is emitted by a Monitor control object when data is received from the MAS Monitor agents for the MTRAN resource class. This notification can be used to trigger sampling of CICS Monitored resource objects. The notification is generated after the data has been processed by the Monitor collection objects in the CMAS .

**External resource name**

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2475

<i>Table 350. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 351. EMTRAN resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
INTERVAL	BINARY	CPSM	2	LIKE	Interval which data received	8
MONCLASS	EYUDA	CPSM	4	LIKE	Monitor resource class	6
MONCLASS Output valid values	MTRAN					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 151. ENQINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of an ENQ/DEQ model definition (ENQMDEF) in a resource group (RESGROUP). A ENQMDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is ENQMGROUP.

The **Secondary** key field for this resource class is ENQMNAME.

The **Tertiary** key field for this resource class is ENQMVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6167

<i>Table 352. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 353. ENQINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	ENQINGRP_INV_DATA	Attribute data invalid
2	ENQINGRP_REC_NOT_FOUND	Requested resource not found
4	ENQINGRP_REC_EXISTS	Resource already exists
6	ENQINGRP_INV_RESTYPE	Invalid resource type
7	ENQINGRP_INV_VER	Invalid resource version
11	ENQINGRP_NON_MP	Maintenance point CMAS not available

Table 353. ENQINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	ENQINGRP_INV_CONTEXT	Context not found
21	ENQINGRP_INCONSISTENT_SET	Inconsistent set
22	ENQINGRP_DIFF_VERSION	Different version
23	ENQINGRP_INV_NAME	Invalid name
24	ENQINGRP_INV_MINNAME	Invalid minor name

Table 354. ENQINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>ENQMGRP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>ENQMNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Enqueue model definition name	6
<b>ENQMVER-3</b>	BINARY	CPSM	1	Yes	AVG	Enqueue model definition version	7



## Chapter 152. ENQMDEF Resource Table

A CICS Definition that describes an ENQ/DEQ model.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install an ENQ/DEQ Model Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionEnqueueModel

### Length

408

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3822

<i>Table 355. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Value	Code	Description
1	ENQMDEF_INV_DATA	Attribute data invalid
2	ENQMDEF_REC_NOT_FOUND	Requested resource not found
4	ENQMDEF_REC_EXISTS	Resource already exists
5	ENQMDEF_REC_CHANGED	Resource definition already changed
6	ENQMDEF_INV_RESTYPE	Invalid resource type
7	ENQMDEF_INV_VER	Invalid resource version
11	ENQMDEF_NON_MP	Maintenance point CMAS not available
12	ENQMDEF_INV_CONTEXT	Context not found
13	ENQMDEF_INCONSISTENT_SET	Inconsistent set condition
14	ENQMDEF_INV_RESGROUP	Resource group not found
21	ENQMDEF_INV_ACTION	Invalid action
22	ENQMDEF_INV_RECADDR	Invalid record address
23	ENQMDEF_INV_RECLEN	Invalid record length
24	ENQMDEF_DIFF_VERSION	Different version
25	ENQMDEF_EARLY_NAMELIST_END	Early name list end
26	ENQMDEF_INV_NAMELIST	Invalid name list
27	ENQMDEF_INV_NAME	Invalid name
28	ENQMDEF_INV_MINNAME	Invalid minor name

Table 356. ENQMDEF FEEDBACK error codes (continued)

Value	Code	Description
29	ENQMDEF_NOTIFY	Notify
30	ENQMDEF_PARTIAL_INSTALL	Partial install
31	ENQMDEF_NOTHING_INSTALLED	Nothing installed
32	ENQMDEF_NO_TARGETS	No targets
33	ENQMDEF_NO_RELATED	No related systems
34	ENQMDEF_INV_TSCOPE	Invalid target scope
35	ENQMDEF_INV_RSCOPE	Invalid related scope
36	ENQMDEF_INV_USAGE	Invalid usage
37	ENQMDEF_INV_MODE	Invalid mode
38	ENQMDEF_INV_STATECHK	Invalid state check
39	ENQMDEF_INV_FORCEINS	Invalid force install
40	ENQMDEF_INV_NOTIFY	Invalid notify
41	ENQMDEF_INV_OVERTYPE	Invalid over type
42	ENQMDEF_INV_OVRBLOCK	Invalid override block
43	ENQMDEF_INV_ORSTRING	Invalid override string
44	ENQMDEF_INV_STRNGTERM	Invalid string terminator
45	ENQMDEF_INV_EMBEDTERM	Invalid embedded terminator
46	ENQMDEF_INV_ATTRIBUTE	Invalid attribute
47	ENQMDEF_INV_LITERAL	Invalid literal
48	ENQMDEF_INV_ORSTGNA	Invalid override string
49	ENQMDEF_SCOPE_REQUIRED	Scope required
50	ENQMDEF_USAGE_CONFLICT	Usage conflict
51	ENQMDEF_NODEFS_SELECTED	No definitions selected
52	ENQMDEF_MORE_THAN_1_RELSYS	More than one related system
53	ENQMDEF_MISSING_RELSYSID	Missing related system identifier
54	ENQMDEF_SCOPE_CONFLICT	Scope conflict
55	ENQMDEF_INV_CSDGROUP	Invalid CSD group
56	ENQMDEF_REC_NOT_REMOVED	Record not removed
57	ENQMDEF_INV_RESOURCE	Invalid resource
58	ENQMDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	ENQMDEF_PARTIAL_ACTION	Partial action
60	ENQMDEF_NOTHING_ACTIONED	Nothing actioned
61	ENQMDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 356. ENQMDEF FEEDBACK error codes (continued)

Value	Code	Description
62	ENQMDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	ENQMDEF_CSD_ERROR	CSD access error

Table 357. ENQMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	18
CHANGEAGENT Input/ output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	19
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				12
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	22
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		17
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				16
ENQNAME	CHAR	CPSM	25 5	Yes	DIFF	Enqueue resource name				11
ENQSCOPE	CHAR	CPSM	4	No	DIFF	Enqueue scope name				9
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				7
STATUS	CVDAS	CPSM	4	Yes	LIKE	Enqueue status	ENABLED			10
STATUS Input/output valid values	ENABLED, DISABLED									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				13
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				14
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				15

## Chapter 153. ENQMODEL Resource Table

A CICS Resource that describes a ENQ/DEQ model in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**DISABLE**

Disable an ENQ/DEQ model.

**DISCARD**

Discard an ENQ/DEQ model.

**ENABLE**

Enable an ENQ/DEQ model.

These actions require no unique parameter data.

**External resource name**

CICSEnqueueModel

**Length**

352

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0093

<i>Table 358. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A
	DISABLE	None	N/A
	ENABLE	None	N/A

Table 359. ENQMODEL resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	15
CHANGEAGENT	CVDAS	INQ	ENQMODEL	CHANGEAGENT	4	LIK E	No	Last modification agent		E640 E650	6
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, SYSTEM, CREATESPI, NOTAPPLIC										
CHANGEAGREL	CHAR	INQ	ENQMODEL	CHANGEAGREL	4	DIF F	No	Last modification agent release		E640 E650	8
CHANGETIME	DATETIME	INQ	ENQMODEL	CHANGETIME	8	MAX	No	Last modification time		E640 E650	9
CHANGEUSRID	CHAR	INQ	ENQMODEL	CHANGEUSRID	8	DIF F	No	Last modification user ID		E640 E650	7
DEFINESOURCE	CHAR	INQ	ENQMODEL	DEFINESOURCE	8	DIF F	No	Source of the resource definition		E640 E650	10
DEFINETIME	DATETIME	INQ	ENQMODEL	DEFINETIME	8	MAX	No	Creation time		E640 E650	11
ENQNAME	CHAR	INQ	ENQMODEL	ENQNAME	255	DIF F	No	Enqueue resource name			3
ENQSCOPE	CHAR	INQ	ENQMODEL	ENQSCOPE	4	DIF F	No	Enqueue scope name			2
ENQSTATUS	CVDAS	INQ	ENQMODEL	STATUS	4	LIK E	Yes	Enqueue status			4
ENQSTATUS Input/output valid values	ENABLED, DISABLED, WAITING										
INSTALLAGENT	CVDAS	INQ	ENQMODEL	INSTALLAGENT	4	LIK E	No	Installation agent		E640 E650	14
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST										
INSTALLTIME	DATETIME	INQ	ENQMODEL	INSTALLTIME	8	MAX	No	Installation time		E640 E650	13
INSTALLUSRID	CHAR	INQ	ENQMODEL	INSTALLUSRID	8	DIF F	No	Installation user ID		E640 E650	12
<b>NAME-1</b>	CHAR	INQ	ENQMODEL	ENQMODEL	8	DIF F	No	Enqueue model name			1

## Chapter 154. ENQUEUE Resource Table

A CICS Resource that provides CICS enqueues in an active system being managed by CICSplex SM.

The **Primary** key field for this resource class is NQGPOOL.

There are no object specific actions for this resource class.

**External resource name**

CICSEnqueue

**Length**

168

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0123

Table 360. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 361. ENQUEUE resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
NQGACNQRT	INTTSTP	STAT			8	MAX	Average retention time for enqueue requests	28
NQGAGNQWT	INTTSTP	STAT			8	MAX	Average waiting time for sysplex enqueue requests	26
NQGATNQWT	INTTSTP	STAT			8	MAX	Average waiting time for enqueue requests	24
NQGCACNQRT	INTTSTP	STAT			8	MAX	Average retention time for current enqueues	29
NQGCAGNQWT	INTTSTP	STAT			8	MAX	Average waiting time for current sysplex enqueues	27
NQGCATNQWT	INTTSTP	STAT			8	MAX	Average waiting time for current waiting enqueues	25

Table 361. ENQUEUE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
NQGCNQRT	INTTSTP	STAT	NQGBODY	NQGCNQRT	8	MAX	Retention time for enqueues retained currently	23
NQGCNQSR	BINARY	STAT	NQGBODY	NQGCNQSR	4	AVG	Number of enqueue requests retained currently	12
NQGCNQSW	BINARY	STAT	NQGBODY	NQGCNQSW	4	AVG	Number of enqueue requests waiting currently	8
NQGCNQWT	INTTSTP	STAT	NQGBODY	NQGCNQWT	8	MAX	Waiting time for current waiting enqueue requests	19
NQGGNQSW	BINARY	STAT	NQGBODY	NQGGNQSW	4	AVG	Total sysplex enqueue requests that waited	9
NQGGNQWT	INTTSTP	STAT	NQGBODY	NQGGNQWT	8	MAX	Total waiting time for sysplex enqueue requests	20
<b>NQGPPOOL-1</b>	CHAR	STAT	NQGBODY	NQGPPOOL	8	DIFF	Enqueue pool ID	5
NQGSNQSW	BINARY	STAT	NQGBODY	NQGSNQSW	4	AVG	Sysplex enqueue request count waiting currently	10
NQGSNQWT	INTTSTP	STAT	NQGBODY	NQGSNQWT	8	MAX	Waiting time for current sysplex enqueue requests	21
NQGTIRJB	BINARY	STAT	NQGBODY	NQGTIRJB	4	AVG	Total enqueue requests rejected with ENQBUSY	13
NQGTIRJR	BINARY	STAT	NQGBODY	NQGTIRJR	4	AVG	Total enqueue requests rejected ENQ retained	14
NQGTNQRT	INTTSTP	STAT	NQGBODY	NQGTNQRT	8	MAX	Total retention time for enqueue requests	22
NQGTNQSI	BINARY	STAT	NQGBODY	NQGTNQSI	4	AVG	Total number of enqueues issued	6
NQGTNQSR	BINARY	STAT	NQGBODY	NQGTNQSR	4	AVG	Total enqueue requests that were retained	11
NQGTNQSW	BINARY	STAT	NQGBODY	NQGTNQSW	4	AVG	Total number of enqueue requests that waited	7
NQGTNQWT	INTTSTP	STAT	NQGBODY	NQGTNQWT	8	MAX	Total waiting time for enqueue requests	18
NQGTWPOP	BINARY	STAT	NQGBODY	NQGTWPOP	4	AVG	Total waiting enqueue requests purged by operator	16
NQGTWPTO	BINARY	STAT	NQGBODY	NQGTWPTO	4	AVG	Total waiting enqueue requests purged by timeout	17
NQGTWRJR	BINARY	STAT	NQGBODY	NQGTWRJR	4	AVG	Total waiting enqueues rejected ENQ retained	15



# Chapter 155. EPADAPT Resource Table

This CICS resource object provides information about event processing adapters.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**DISABLE**

Disable an EP adapter. When disabled, the EP adapter and its associated resources are not available to CICS.

**ENABLE**

Enable an EP adapter. When enabled, the EP Adapter and its associated resources are available to CICS.

**External resource name**

CICSEPAadapter

**Length**

240

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0199

*Table 362. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A
	DISABLE	None	N/A

*Table 363. EPADAPT resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	

Table 363. EPADAPT resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Attr ID
ADAPTERTYPE	CVDAS	INQ	EPADAPTER	ADAPTERTYPE	4	LIKE	No	Adapter type	3
ADAPTERTYPE Input/output valid values	CUSTOM, HTTP, TDQUEUE, TRANSTART, TSQUEUE, WMQ								
AUTHORITY	CVDAS	INQ	EPADAPTER	AUTHORITY	4	LIKE	No	Authority	4
AUTHORITY Input/output valid values	CONTEXT, REGION, USERID, DEFAULT								
AUTHUSERID	CHAR	INQ	EPADAPTER	ENABLESTATUS	8	DIFF	No	Authority user ID	16
BUNDLE	CHAR	INQ			8	DIFF	No	Bundle name	25
CHANGEAGENT	CVDAS	INQ	EPADAPTER	CHANGEAGENT	4	LIKE	No	Last modification agent	6
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	EPADAPTER	CHANGEAGREL	4	DIFF	No	Last modification agent release	7
CHANGETIME	DATETIME	INQ	EPADAPTER	CHANGETIME	8	MAX	No	Last modification time	14
CHANGEUSRID	CHAR	INQ	EPADAPTER	CHANGEUSRID	8	DIFF	No	Last modification user ID	8
CONFIGDATA1	CHAR	INQ	EPADAPTER	CONFIGDATA1	64	DIFF	No	Event processing adapter configuration data	17
DATAFORMAT	CVDAS	INQ	EPADAPTER	DATAFORMAT	4	LIKE	No	Event format	18
DATAFORMAT Input/output valid values	USER, CBER, CBE, CCE, CFE, WBE, DSIE								
DEFINESOURCE	CHAR	INQ	EPADAPTER	DEFINESOURCE	8	DIFF	No	Source of the resource definition	9
DEFINETIME	DATETIME	INQ	EPADAPTER	DEFINETIME	8	MAX	No	Creation time	13
EMITMODE	CVDAS	INQ	EPADAPTER	EMITMODE	4	LIKE	No	Emission mode	19
EMITMODE Input/output valid values	ASYNCHRONOUS, SYNCHRONOUS								
ENABLESTATUS	CVDAS	CPSM	EPADAPTER	ENABLESTATUS	4	LIKE	Yes	Enabled status	2
ENABLESTATUS Input/output valid values	ENABLED, DISABLED								
INSTALLAGENT	CVDAS	INQ	EPADAPTER	INSTALLAGENT	4	LIKE	No	Installation agent	10
INSTALLAGENT Input/output valid values	BUNDLE								
INSTALLTIME	DATETIME	INQ	EPADAPTER	INSTALLTIME	8	MAX	No	Installation time	15
INSTALLUSRID	CHAR	INQ	EPADAPTER	INSTALLUSRID	8	DIFF	No	Installation user ID	11
INVOKETYPE	CVDAS	INQ			4	LIKE	No	Invoke type	20
INVOKETYPE Input/output valid values	ATTACH, LINK								
NAME-1	CHAR	INQ	EPADAPTER		32	DIFF	No	Name	1
PRIORITY	CVDAS	INQ	EPADAPTER	PRIORITY	4	LIKE	No	Priority	21
PRIORITY Input/output valid values	HIGH, NORMAL								
PROGRAM	CHAR	INQ	EPADAPTER	PROGRAM	8	DIFF	No	Program	22
PUTEVENTS	BINARY	STAT	DFHEPRDS	EPR_PUT_EVENTS	4	MAX	No	Number of events emitted	26
TRANSACTION	CHAR	INQ	EPADAPTER	TRANSACTION	4	DIFF	No	Transaction	23
TRANSMODE	CVDAS	INQ	EPADAPTER	TRANSMODE	4	LIKE	No	Transactionality	24
TRANSMODE Input/output valid values	NONTRANS, TRANS								

## Chapter 156. EPADSET Resource Table

This CICS resource object provides information about event processing adapter sets.

The **Primary** key field for this resource class is EPADAPTERSET.

The following actions are supported:

### DISABLE

Disable an EP adapter set. When disabled, the EP adapter set is not available to CICS.

### ENABLE

Enable an EP adapter set. When enabled, the EP adapter set is available to CICS.

### External resource name

CICSEPAdapterSet

### Length

120

### Usage

API or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0212

*Table 364. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A
	DISABLE	None	N/A

*Table 365. EPADSET resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	
ADAPTERNUM	BINARY	INQ	EPADAPTERSET	EPADAPTERSET	4	SUM	No	EP adapter count	3
CHANGEAGENT	CVDAS	INQ	EPADAPTERSET	EPADAPTERSET	4	LIKE	No	Last modification agent	4

Table 365. EPADSET resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Attr ID
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	EPADAPTERSET	EPADAPTERSET	4	DIFF	No	Last modification agent release	5
CHANGETIME	DATETIME	INQ	EPADAPTERSET	EPADAPTERSET	8	MAX	No	Last modification time	12
CHANGEUSRID	CHAR	INQ	EPADAPTERSET	EPADAPTERSET	8	DIFF	No	Last modification user ID	6
DEFINESOURCE	CHAR	INQ	EPADAPTERSET	EPADAPTERSET	8	DIFF	No	Source of the resource definition	7
DEFINETIME	DATETIME	INQ	EPADAPTERSET	EPADAPTERSET	8	MAX	No	Creation time	11
ENABLESTATUS	CVDAS	INQ	EPADAPTERSET	EPADAPTERSET	4	LIKE	Yes	Enabled status	2
ENABLESTATUS Input/output valid values	ENABLED, DISABLED								
<b>EPADAPTERSET-1</b>	CHAR	INQ	EPADAPTERSET	EPADAPTERSET	32	DIFF	No	Name	1
INSTALLAGENT	CVDAS	INQ	EPADAPTERSET	EPADAPTERSET	4	LIKE	No	Installation agent	8
INSTALLAGENT Input/output valid values	BUNDLE								
INSTALLTIME	DATETIME	INQ	EPADAPTERSET	EPADAPTERSET	8	MAX	No	Installation time	13
INSTALLUSRID	CHAR	INQ	EPADAPTERSET	EPADAPTERSET	8	DIFF	No	Installation user ID	10

## Chapter 157. EPAINSET Resource Table

This CICS resource object provides the name of event processing adapters in an event processing adapter set.

The **Primary** key field for this resource class is EPADAPTERSET.

The **Secondary** key field for this resource class is EPADAPTER.

This resource class has no object specific actions.

**External resource name**

CICSEPAdapterInSet

**Length**

80

**Usage**

API or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0213

<i>Table 366. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A

<i>Table 367. EPAINSET resource table attributes</i>								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
<b>EPADAPTER-2</b>	CHAR	INQ	EPADAPTINSET	EPADAPTER	32	DIFF	EP adapter name	1
<b>EPADAPTERSET-1</b>	CHAR	INQ	EPADAPTINSET	EPADAPTER	32	DIFF	EP adapter set name	2



## Chapter 158. EPLEXCHG Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

EPLEXCHG is emitted by a Communications control object when aCICSplex definition is created, updated, or removed.

**External resource name**

**Length**

40

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2480

Table 368. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 369. EPLEXCHG resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	BINARY	CPSM	1	LIKE	Status	7
ACTION Input/output valid values	1 (PLEXADD) - CICSplex Add, 2 (PLEXUPD) - CICSplex Update, 3 (PLEXREM) - CICSplex Remove, 4 (PLEXA_E) - CICSplex Add - Plex Exists, 5 (PLEXA_F) - CICSplex Add - Add Failed, 6 (PLEXA_U) - CICSplex Add - Undelete					
BOTRSUPD	BINARY	CPSM	1	LIKE	RS server bottom tier	16
CICSplex	CHAR	CPSM	8	LIKE	CICSplex name	4
DAYLGHSTV	EYUDA	CPSM	4	LIKE	Daylight saving time in effect	11
DAYLGHSTV Output valid values	YES, NO					
INTERVAL	BINARY	CPSM	2	LIKE	Performance interval	6
READRS	BINARY	CPSM	2	LIKE	RS server read interval	13
RSPOLID	CHAR	CPSM	8	LIKE	RS server pool name	17
TMEZONE	CHAR	CPSM	1	LIKE	Time zone	9
TMEZONEO	BINARY	CPSM	1	LIKE	Time zone offset	8
TOPRSUPD	BINARY	CPSM	1	LIKE	RS server top tier	15

Table 369. EPLEXCHG resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
UPDATERS	BINARY	CPSM	1	LIKE	RS server update frequency	14



## Chapter 159. ERESSTAT Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERESSTAT is emitted by a Topology control object when a CICS Resource object has an operational state transition. ERESSTAT is only emitted if the MAS is the target of resource status facility status monitoring.

**External resource name**

**Length**

72

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2605

Table 370. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 371. ERESSTAT resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CICSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
RESCLASS	CHAR	CPSM	8	LIKE	Resource class	6
RESNAME	CHAR	CPSM	44	LIKE	Resource name	7
RESSTAT	BINARY	CPSM	4	LIKE	Resource class status	8



## Chapter 160. ERMCAIMD Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCAIMD is emitted by a Topology control object when a autoinstall terminal model resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2557

Table 372. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 373. ERMCAIMD resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - Install Resource, D (DSC) - Discard Resource, U (UPD) - Update Resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	Autoinstalled model name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 161. ERMCAATOM Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCAATOM is emitted by a Topology control object when a ATOMSERVICE resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2651

<i>Table 374. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 375. ERMCAATOM resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	ATOMSERVICE name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 162. ERMCBUND Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the **EVENT** option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCBUND is emitted by a Topology control object when a BUNDLE resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

120

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2652

Table 376. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 377. ERMCBUND resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
BUNDLEID	CHAR	INQ	64	DIFF	Bundle ID	10
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
MAJORVERSION	BINARY	INQ	4	MAX	Major Version	11
MGMTPART	CHAR	CPSM	8	DIFF	Management Part	14
MICROVERSION	BINARY	INQ	4	MAX	Micro Version	13
MINORVERSION	BINARY	INQ	4	MAX	Minor Version	12
NAME	CHAR	CPSM	8	LIKE	BUNDLE name	6
PARTCOUNT	BINARY	INQ	4	LIKE	Part count	9
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4





## Chapter 163. ERMCCONN Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCCONN is emitted by a Topology control object when a connection resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

40

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2492

Table 378. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 379. ERMCCONN resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	9
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CONNTYPE	EYUDA	CPSM	4	LIKE	Connection type	7
CONNTYPE Output valid values	LU61, LU62, MRO, INDIRECT, EXCI					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	4	LIKE	Connection name	6
NETNAME	CHAR	INQ	8	LIKE	Target network name	8
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 164. ERMCDDB2C Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCDDB2C is emitted by a Topology control object when a DB2 connection resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2621

<i>Table 380. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 381. ERMCDDB2C resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	DB2 connection name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 165. ERMCD2E Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCD2E is emitted by a Topology control object when a DB2 entry resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2622

Table 382. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 383. ERMCD2E resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	DB2 entry name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 166. ERMCD2P Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCD2P is emitted by a Topology control object when a DB2 packageset resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

168

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2671

Table 384. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 385. ERMCD2P resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	9
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
APPLTOKEN	HEX	CPSM	8	LIKE	Application Qualifier Token	8
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	128	LIKE	DB2 packageset name	6
PLATOKEN	HEX	CPSM	8	LIKE	Platform Qualifier Token	7
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4





## Chapter 167. ERMCD2T Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCD2T is emitted by a Topology control object when a DB2 transaction resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2623

<i>Table 386. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 387. ERMCD2T resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	DB2 transaction name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 168. ERMCDOCT Resource Table

A CPSM notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM notifications have no key fields and do not support object specific actions.

ERMCDOCT is emitted by a Topology control object when a Document Template resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2631

<i>Table 388. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 389. ERMCDOCT resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	Document template name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 169. ERMCDNSM Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCDNSM is emitted by a Topology control object when a data set resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

72

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2585

Table 390. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 391. ERMCDNSM resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	8
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
DTYPE	CVDAS	CPSM	4	LIKE	Data set type	7
DTYPE Output valid values	VSAM, BDAM					
NAME	CHAR	CPSM	44	LIKE	Data set name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 170. ERMENQM Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMENQM is emitted by a Topology control object when a ENQ/DEQ resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2625

Table 392. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 393. ERMENQM resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	Enqueue model name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4





# Chapter 171. ERMCEVBD Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the **EVENT** option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCEVBD is emitted by a Topology control object when an **EVENTBINDING** resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

56

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2654

<i>Table 394. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 395. ERMCEVBD resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	32	LIKE	Event Binding name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 172. ERMCEVCS Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the **EVENT** option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCEVCS is emitted by a Topology control object when a CAPTURESPEC resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

88

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2657

<i>Table 396. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 397. ERMCEVCS resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	8
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
EVENTBINDING	CHAR	CPSM	32	LIKE	Event binding name	7
NAME	CHAR	CPSM	32	LIKE	Event Processing Capture Spec name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 173. ERMCFECO Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCFECO is emitted by a Topology control object when a FEPI connection resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2586

<i>Table 398. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 399. ERMCFECO resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	4	LIKE	FEPI connection name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 174. ERMCFEND Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCFEND is emitted by a Topology control object when a FEPI node resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2558

<i>Table 400. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 401. ERMCFEND resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - Install Resource, D (DSC) - Discard Resource, U (UPD) - Update Resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	FEPI node name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4





## Chapter 175. ERMCFEPO Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCFEPO is emitted by a Topology control object when a FEPI pool resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2559

<i>Table 402. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 403. ERMCFEPO resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - Install Resource, D (DSC) - Discard Resource, U (UPD) - Update Resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	FEPI pool name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 176. ERMCFETR Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCFETR is emitted by a Topology control object when a FEPI target resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2560

<i>Table 404. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 405. ERMCFETR resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - Install Resource, D (DSC) - Discard Resource, U (UPD) - Update Resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	FEPI target name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 177. ERMCFILE Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCFILE is emitted by a Topology control object when a file resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

48

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2493

Table 406. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 407. ERMCFILE resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	10
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
FILETYPE	EYUDA	CPSM	4	LIKE	File type	7
FILETYPE Output valid values	LFILE, RFILE, CTABL, UTABL, CFTBL					
NAME	CHAR	CPSM	8	LIKE	File name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
REMOTENAME	CHAR	CPSM	8	LIKE	Remote file name	8
REMOTESYSTEM	CHAR	CPSM	4	LIKE	Remote system name	9



## Chapter 178. ERMCGLUE Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCGLUE is emitted by a Topology control object when a global user exit resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

40

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2587

Table 408. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 409. ERMCGLUE resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	8
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
EXITNAME	CHAR	CPSM	8	LIKE	Exit point name	7
NAME	CHAR	CPSM	8	LIKE	Global user exit program name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4





## Chapter 179. ERMCI PCN Resource Table

The ERMCI PCN views display changes to an instance of an IPIC connection (IPCONN) within a CICS system.

**External resource name**

**Length**

40

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2642

<i>Table 410. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 411. ERMCI PCN resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	9
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CONNTYPE	EYUDA	CPSM	4	LIKE	Connection type	7
CONNTYPE Output valid values	IPIC					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	IP Connection name	6
NETNAME	CHAR	INQ	8	LIKE	Target network name	8
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 180. ERM CJRNL Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERM CJRNL is emitted by a Topology control object when a journal resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2494

Table 412. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 413. ERM CJRNL resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	8
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
JRNLTYP	CVDAS	INQ	4	LIKE	Journal type	6
JRNLTYP Output valid values	DISK1, DISK2, DISK2PAUSE, SMF, TAPE1, TAPE2					
NAME	BINARY	INQ	2	LIKE	Journal name	7
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 181. ERM CJRNM Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERM CJRNM is emitted by a Topology control object when a journal name resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2600

Table 414. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 415. ERM CJRNM resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	8
ACTION Input/output valid values	I (INS) - Install resource, D (DSC) - Discard resource, U (UPD) - Update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
JRNLTYP	CVDAS	INQ	4	LIKE	Log stream type	6
JRNLTYP Output valid values	MVS, SMF, DUMMY					
NAME	BINARY	INQ	2	LIKE	Journal name	7
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 182. ERM CJVMS Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERM CJVMS is emitted by a Topology control object when a JVM SERVER resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2656

<i>Table 416. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 417. ERM CJVMS resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	JVM server name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4





## Chapter 183. ERMCLIBR Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the **EVENT** option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCLIBR is emitted by a Topology control object when a LIBRARY resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

40

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2645

Table 418. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 419. ERMCLIBR resource table attributes							
Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action		7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource						
APPLTOKEN	BINARY	CPSM	8	MAX	Application Qualifier Token	E640 E650 E660 E670 E680	8
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name		5
NAME	CHAR	CPSM	8	LIKE	LIBRARY name		6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name		4



## Chapter 184. ERMCMODE Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCMODE is emitted by a Topology control object when a modename resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2495

<i>Table 420. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 421. ERMCMODE resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	INQ	8	LIKE	Mode name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 185. ERMCNODJ Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCNODJ is emitted by a Topology control object when a NODEJSAPP resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

56

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2674

Table 422. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 423. ERMCNODJ resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	32	LIKE	Node.js Application name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 186. ERMCOsGB Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the **EVENT** option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCOsGB is emitted by topology control object when an OSGIBUNDLE resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

40

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2668

Table 424. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 425. ERMCOsGB resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	11
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
JVMSEVER	CHAR	CPSM	8	LIKE	JVM server name	7
OSGIBUNDLEID	BINARY	CPSM	8	LIKE	OSGI bundle ID	6
OSGISTATUS	CVDAS	INQ	4	LIKE	OSGI bundle Status	8
OSGISTATUS Input/output valid values	ACTIVE, INSTALLED, RESOLVED, STARTING, STOPPING, UNINSTALLED					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4





## Chapter 187. ERMCOSGS Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCOSGS is emitted by topology control object when an OSGISERVICE resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

40

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2667

Table 426. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 427. ERMCOSGS resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	11
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
JVMSEVER	CHAR	CPSM	8	LIKE	JVM server name	7
OSGISERVID	BINARY	CPSM	8	LIKE	OSGI service ID	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
SRVCSTATUS	CVDAS	INQ	4	LIKE	Service Status	8
SRVCSTATUS Input/output valid values	ACTIVE, INACTIVE					



## Chapter 188. ERMCPART Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCPART is emitted by a Topology control object when a partner table resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2561

Table 428. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 429. ERMCPART resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - Install Resource, D (DSC) - Discard Resource, U (UPD) - Update Resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	Partner name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 189. ERMCIPIE Resource Table

A CICSplex SM notification resource. Interest in this notification can be registered by issuing an API **LISTEN** command and naming this resource in the EVENT option.

CPSM notifications have no key fields and do not support object specific actions.

ERMCIPIE is emitted by a topology control object when a pipeline resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2650

<i>Table 430. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 431. ERMCIPIE resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	PIPELINE name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 190. ERMCPRGM Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCPRGM is emitted by a Topology control object when a program resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

48

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2496

Table 432. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 433. ERMCPRGM resource table attributes							
Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action		9
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource						
APPLTOKEN	BINARY	CPSM	8	MAX	Application Qualifier Token	E640 E650 E660 E670 E680	10
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name		5
NAME	CHAR	INQ	8	LIKE	Program name		6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name		4
REMOTENAME	CHAR	INQ	8	LIKE	Program name in remote system		7
REMOTESYSTEM	CHAR	INQ	4	LIKE	Remote system name		8





# Chapter 191. ERMCPROF Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCPROF is emitted by a Topology control object when a profile resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2562

Table 434. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 435. ERMCPROF resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - Install Resource, D (DSC) - Discard Resource, U (UPD) - Update Resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	Profile name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 192. ERMCPRTY Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCPRTY is emitted by a Topology control object when a process type resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2629

<i>Table 436. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 437. ERMCPRTY resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	Process type name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 193. ERMCRQMD Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCRQMD is emitted by a Topology control object when a requests resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2626

<i>Table 438. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 439. ERMCRQMD resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	Request model name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



# Chapter 194. ERMCSMDMP Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCSMDMP is emitted by a Topology control object when a system dump code resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2588

Table 440. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 441. ERMCSMDMP resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	System dump code	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4





## Chapter 195. ERMCTCPS Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCTCPS is emitted by a Topology control object when a TCPIP Service resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2630

<i>Table 442. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 443. ERMCTCPS resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	TCP/IP service name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 196. ERMCTDMP Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCTDMP is emitted by a Topology control object when a transaction dump code resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2589

Table 444. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 445. ERMCTDMP resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	4	LIKE	Transaction dump code	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 197. ERMCTDQ Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCTDQ is emitted by a Topology control object when a transient data queue resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

40

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2497

Table 446. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 447. ERMCTDQ resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	10
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	INQ	4	LIKE	TD queue name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
REMOTENAME	CHAR	INQ	4	LIKE	TD queue name in remote system	8
REMOTESYSTEM	CHAR	INQ	4	LIKE	Remote system name	9
TDQTYPE	CVDAS	INQ	4	LIKE	TD queue type	7
TDQTYPE Output valid values	INTRA, EXTRA, REMOTE, INDIRECT					



## Chapter 198. ERMCTERM Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCTERM is emitted by a Topology control object when a terminal resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

24

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2498

Table 448. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 449. ERMCTERM resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	INQ	4	LIKE	Terminal name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4





## Chapter 199. ERMCTRAN Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCTRAN is emitted by a Topology control object when a transaction resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

40

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2499

Table 450. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 451. ERMCTRAN resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	10
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	INQ	4	LIKE	Transaction ID	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
REMOTENAME	CHAR	INQ	8	LIKE	Remote transaction ID	8
REMOTESYSTEM	CHAR	INQ	4	LIKE	Remote system name	9
TRANTYPE	EYUDA	CPSM	4	LIKE	Transaction type	7
TRANTYPE Output valid values	LTRAN, RTRAN					



## Chapter 200. ERMCTRUE Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCTRUE is emitted by a Topology control object when a task-related user exit resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

40

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2590

Table 452. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 453. ERMCTRUE resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - Install resource, D (DSC) - Discard resource, U (UPD) - Update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
ENTRYNME	CHAR	CPSM	8	LIKE	Entry Name	8
NAME	CHAR	CPSM	8	LIKE	Task-related user exit program name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 201. ERMCTSMD Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMCTSMD is emitted by a Topology control object when a temporary storage queue resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2624

<i>Table 454. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 455. ERMCTSMD resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	TS model name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 202. ERMCURIM Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMCURIM is emitted by a Topology control object when a URIMAP resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2649

<i>Table 456. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 457. ERMCURIM resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	8	LIKE	URIMAP name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4





## Chapter 203. ERMWWEBS Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMWWEBS is emitted by a Topology control object when a WEBSERVICE resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

56

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2648

Table 458. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 459. ERMWWEBS resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	32	LIKE	WEBSERVICE name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 204. ERMXMLT Resource Table

A CICSplex SM notification table. You can register interest in this notification by issuing a **LISTEN** command and naming this resource in the EVENT option.

CICSplex SM notifications have no key fields and do not support object specific actions.

ERMXMLT is emitted by a Topology control object when a XMLTRANSFORM resource map is changed. The resource that caused the change and the action are described in the notification.

**External resource name**

**Length**

56

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2658

<i>Table 460. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 461. ERMXMLT resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	CHAR	CPSM	1	LIKE	Change action	7
ACTION Input/output valid values	I (INS) - install resource, D (DSC) - discard resource, U (UPD) - update resource					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
NAME	CHAR	CPSM	32	LIKE	XML Transform name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 205. ERMMCONN Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMMCONN is emitted by a Topology control object when a connection resource map is changed to reflect Monitor or resource status facility status controls for one or more resources. The specific resource instances that were affected are not identified.

**External resource name**

**Length**

16

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2500

Table 462. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 463. ERMMCONN resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 206. ERMMFILE Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMMFILE is emitted by a Topology control object when a file resource map is changed to reflect Monitor or resource status facility status controls for one or more resources. The specific resource instances that were affected are not identified.

**External resource name**

**Length**

16

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2501

Table 464. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 465. ERMMFILE resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4





## Chapter 207. ERMMJRNL Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMMJRNL is emitted by a Topology control object when a journal resource map is changed to reflect Monitor or resource status facility status controls for one or more resources. The specific resource instances that were affected are not identified.

**External resource name**

**Length**

16

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2502

Table 466. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 467. ERMMJRNL resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 208. ERMMPRGM Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMMPRGM is emitted by a Topology control object when a program resource map is changed to reflect Monitor or resource status facility status controls for one or more resources. The specific resource instances that were affected are not identified.

**External resource name**

**Length**

16

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2503

Table 468. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 469. ERMMPRGM resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 209. ERMMTDQ Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMMTDQ is emitted by a Topology control object when a transient data queue resource map is changed to reflect Monitor or resource status facility status controls for one or more resources. The specific resource instances that were affected are not identified.

**External resource name**

**Length**

16

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2504

Table 470. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 471. ERMMTDQ resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 210. ERMETERM Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMETERM is emitted by a Topology control object when a terminal resource map is changed to reflect Monitor or resource status facility status controls for one or more resources. The specific resource instances that were affected are not identified.

**External resource name**

**Length**

16

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2505

Table 472. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 473. ERMETERM resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4





## Chapter 211. ERMSTRAN Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ERMSTRAN is emitted by a Topology control object when a transaction resource map is changed to reflect Monitor or resource status facility status controls for one or more resources. The specific resource instances that were affected are not identified.

**External resource name**

**Length**

16

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2506

Table 474. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 475. ERMSTRAN resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	5
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 212. ESGRPCHG Resource Table

A CPSM Notification resource. Interest in this notification can be registered by issuing an API LISTEN command and naming this resource in the EVENT option.

CPSM Notifications have no key fields and do not support object specific actions.

ESGRPCHG is emitted by a Topology control object when a CICS system group definition is created or removed, or the associated linkage objects are updated. For associator changes, an instance of this notification is created for each CICS system processed.

**External resource name**

**Length**

32

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Notification

**Copybook identifier**

EYUt2479

Table 476. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 477. ESGRPCHG resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTION	BINARY	CPSM	1	LIKE	Status	7
ACTION Input/output valid values	1 (CSYSADD) - CICS System Added, 2 (CSYSDEL) - CICS System Deleted, 3 (SGRPREM) - System Group Removed, 4 (SGRPADD) - System Group Added					
CSYSNAME	CHAR	CPSM	8	LIKE	CICS system name	6
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4
SGRPNAME	CHAR	CPSM	8	LIKE	System group name	5



## Chapter 213. EVALDEF Resource Table

A CPSM Real Time Analysis Definition that describes the controls used to perform an evaluation of a CICS resource, or MAS, or EVENT object.

The **Primary** key field for this resource class is NAME.

**External resource name**

CICSRTAEvaluationDefinition

**Length**

1624

**Usage**

API or Batch Utility or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt2808

*Table 478. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

*Table 479. EVALDEF FEEDBACK error codes*

Value	Code	Description
1	EVALDEF_INV_DATA	Attribute data invalid
2	EVALDEF_REC_NOT_FOUND	Requested resource not found
3	EVALDEF_INV_TERM	Terminator missing from end of string
4	EVALDEF_REC_EXISTS	Resource already exists
6	EVALDEF_INV_RESTYPE	Invalid resource type
7	EVALDEF_INV_ATTR	Attribute does not exist or is not settable

Table 480. EVALDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
APPLICATION	CHAR	CPSM	64	No	DIFF	Application name			51
APPLMAJORVER	BINARY	CPSM	4	No	DIFF	Application major version			53
APPLMICROVER	BINARY	CPSM	4	No	DIFF	Application micro version			55
APPLMINORVER	BINARY	CPSM	4	No	DIFF	Application minor version			54
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			43
CHANGEAGENT Input/output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			46
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			45
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			44
DESC	CHAR	CPSM	58	No	DIFF	Description			29
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	40
EVALCOL	CHAR	CPSM	12	Yes	DIFF	Field being evaluated			27
EVALDATA	CHAR	CPSM	44	Yes	DIFF	Evaluation data value			33
EVALOPER	EYUDA	CPSM	4	Yes	LIKE	Evaluation logical operator	N_A		9
EVALOPER Input/output valid values	N_A, EQ, NE, LT, GT, LE, GE								
EVALTYPE	EYUDA	CPSM	4	Yes	LIKE	Evaluation type			7
EVALTYPE Input/output valid values	VALUE, THRESHOLD								
FILTER	CHAR	CPSM	80 0	No	DIFF	Filter string			37
GETPARMS	CHAR	CPSM	42	No	DIFF	Get parameters			42
HSDATA	CHAR	CPSM	12	Yes	DIFF	Lower bound of range for HS			21
HWDATA	CHAR	CPSM	12	Yes	DIFF	Lower bound of range for HW			19
INSTANCE	CHAR	CPSM	44	Yes	DIFF	Instance identifier of evaluated resource			31
LSDATA	CHAR	CPSM	12	Yes	DIFF	Upper bound of range for LS			15
LWDATA	CHAR	CPSM	12	Yes	DIFF	Upper bound of range for LW			17
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name			5
OPRSTRING	CHAR	CPSM	32 0	No	DIFF	Modification string			39
PLATFORM	CHAR	CPSM	64	No	DIFF	Platform name			49
SAMPLE	BINARY	CPSM	4	Yes	AVG	Sample interval	300	1-86400	6
SEPTASK	EYUDA	CPSM	4	Yes	LIKE	Separate task indicator	NO		4
SEPTASK Input/output valid values	YES, NO								
SETACTION	EYUDA	CPSM	4	Yes	LIKE	Method of evaluating results in result set			8
SETACTION Input/output valid values	ALL, ANY, SUM, MIN, MAX, AVG, CNT								
SEVERITY	EYUDA	CPSM	4	Yes	LIKE	Severity assigned when result meets criteria	N_A		11

Table 480. EVALDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
SEVERITY Input/output valid values	N_A, VLS, LS, LW, HW, HS, VHS								
TABLE	CHAR	CPSM	8	Yes	DIFF	Resource table			25
VHSDATA	CHAR	CPSM	12	Yes	DIFF	Lower bound of range for VHS			23
VIEW	CHAR	CPSM	8	No	DIFF	View that may provide extra information			24
VLSDATA	CHAR	CPSM	12	Yes	DIFF	Upper bound of range for VLS			13





## Chapter 214. EVCSPEC Resource Table

This CICS resource object provides information about deployed capture specifications.

The EVCSPEC resource identifies multiple key attributes, but only the EVENTBINDING attribute can be specified in an EVALDEF INSTANCE attribute.

**Note:** The REFRESH API command is not supported for the EVCSPEC resource.

The **Primary** key field for this resource class is EVENTBINDING.

The **Secondary** key field for this resource class is CAPTURESPEC.

This resource class has no object-specific actions.

**External resource name**

CICSCaptureSpecification

**Length**

240

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0195

Table 481. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 482. EVCSPEC resource table attributes									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		
CAPTUREPOINT	CHAR	INQ	CAPTURESPEC	CAPTUREPOINT	25	DIFF	Capture point		6
<b>CAPTURESPEC-2</b>	CHAR	INQ	CAPTURESPEC	CAPTURESPEC	32	DIFF	Capture specification name		1
CAPTURETYPE	CVDAS	INQ	CAPTURESPEC	CAPTURETYPE	4	LIKE	Capture point type		3
CAPTURETYPE Output valid values	PRECOMMAND, POSTCOMMAND, PROGRAMINIT, SYSTEM								

Table 482. EVCSPEC resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
CURRPGM	CHAR	INQ	CAPTURESPEC	EVENTNAME	8	DIFF	Current program filter value	E640 E650 E660	9
CURRPGMOP	CVDAS	INQ	CAPTURESPEC	EVENTNAME	4	DIFF	Current program filter operator	E640 E650 E660	10
CURRPGMOP Output valid values	ALLVALUES, DOESNOTEQUAL, DOESNOTSTART, EQUALS, GREATERTHAN, ISNOTGREATER, ISNOTLESS, LESSTHAN, STARTSWITH								
CURRTRANID	CHAR	INQ	CAPTURESPEC	EVENTNAME	4	DIFF	Current transaction ID filter value	E640 E650 E660	11
CURRTRANIDOP	CVDAS	INQ	CAPTURESPEC	EVENTNAME	4	DIFF	Current transaction ID filter operator	E640 E650 E660	12
CURRTRANIDOP Output valid values	ALLVALUES, DOESNOTEQUAL, DOESNOTSTART, EQUALS, GREATERTHAN, ISNOTGREATER, ISNOTLESS, LESSTHAN, STARTSWITH								
CURRUSERID	CHAR	INQ	CAPTURESPEC	EVENTNAME	8	DIFF	Current user ID filter value	E640 E650 E660	13
CURRUSERIDOP	CVDAS	INQ	CAPTURESPEC	EVENTNAME	4	DIFF	Current user ID filter operator	E640 E650 E660	14
CURRUSERIDOP Output valid values	ALLVALUES, DOESNOTEQUAL, DOESNOTSTART, EQUALS, GREATERTHAN, ISNOTGREATER, ISNOTLESS, LESSTHAN, STARTSWITH								
<b>EVENTBINDING-1</b>	CHAR	INQ	CAPTURESPEC	EVENTBINDING	32	DIFF	Event binding name		2
EVENTNAME	CHAR	INQ	CAPTURESPEC	EVENTNAME	32	DIFF	Event name		4
EVNTCAPFAIL	BINARY	STAT	DFHECCDS	ECC_CAPTURE_FAILURES	4	DIFF	Capture failures	E640 E650 E660	8
EVNTCAPTURED	BINARY	STAT	DFHECCDS	ECC_EVENTS_CAPTURED	8	SUM	Events captured		5
NUMDATAPRED	BINARY	INQ	CAPTURESPEC	EVENTNAME	4	SUM	Data predicate count	E640 E650 E660	19
NUMINFOSRCE	BINARY	INQ			4	SUM	Information source count	E640 E650 E660	20
NUMOPTPRED	BINARY	INQ	CAPTURESPEC	EVENTNAME	4	SUM	Option predicate count	E640 E650 E660	18
PRIMPRED	CHAR	INQ	CAPTURESPEC	EVENTNAME	32	DIFF	Primary predicate filter value	E640 E650 E660	15
PRIMPREDOP	CVDAS	INQ	CAPTURESPEC	EVENTNAME	4	DIFF	Primary predicate filter operator	E640 E650 E660	16
PRIMPREDOP Output valid values	ALLVALUES, DOESNOTEQUAL, DOESNOTSTART, EQUALS, GREATERTHAN, ISNOTGREATER, ISNOTLESS, LESSTHAN, STARTSWITH								
PRIMPREDTYPE	CVDAS	INQ	CAPTURESPEC	EVENTNAME	4	DIFF	Primary predicate type		17
PRIMPREDTYPE Output valid values	CONTAINER, CURRENTPGM, EVENT, FILE, MAP, MESSAGEID, NONE, PROGRAM, SERVICE, TDQUEUE, TRANCLASS, TRANSACTION, TSQUEUE								

## Chapter 215. EVCSDATA Resource Table

This CICS resource object provides information about deployed data predicates.

The EVCSDATA resource identifies multiple key attributes, but only the EVENTBINDING attribute can be specified in an EVALDEF INSTANCE attribute.

The **Primary** key field for this resource class is EVENTBINDING.

The **Secondary** key field for this resource class is CAPTURESPEC.

The **Tertiary** key field for this resource class is SEQNUMBER.

This resource class has no object specific actions.

### External resource name

CICSCaptureSpecificationDataPredicate

### Length

496

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0202

Table 483. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 484. EVCSDATA resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
<b>CAPTURESPEC-2</b>	CHAR	INQ	CAPDATAPRED	CAPTURESPEC	32	DIFF	Capture specification name	1
CONTAINER	CHAR	INQ	CAPDATAPRED	CONTAINER	16	DIFF	Container name	3
<b>EVENTBINDING-1</b>	CHAR	INQ	CAPDATAPRED	EVENTBINDING	32	DIFF	Event binding name	2
FIELDLENGTH	BINARY	INQ	CAPDATAPRED	FIELDLENGTH	4	MAX	Field length	4
FIELDOFFSET	BINARY	INQ	CAPDATAPRED	FIELDOFFSET	4	MAX	The data offset within the data source	5

Table 484. EVCSDATA resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
FILENAME	CHAR	INQ	CAPDATAPRED	FILENAME	32	DIFF	Language structure file name	6
FILTERVALUE	CHAR	INQ	CAPDATAPRED	FILTERVALUE	255	DIFF	Application data predicate value	14
LOCATION	CHAR	INQ	CAPDATAPRED	LOCATION	32	DIFF	Location of the data	8
OPERATOR	CVDAS	INQ	CAPDATAPRED	OPERATOR	4	LIKE	Comparative operator for this predicate	12
OPERATOR Output valid values	DOESNOTEQUAL, DOESNOTEXIST, DOESNOTSTART, EQUALS, EXISTS, GREATERTHAN, ISNOTGREATER, ISNOTLESS, LESSTHAN, STARTSWITH							
<b>SEQNUMBER-3</b>	BINARY	CPSM			4	MAX	Browse sequence number	13
STRUCTNAME	CHAR	INQ	CAPDATAPRED	STRUCTNAME	32	DIFF	Language structure name	10
VARIABLENAME	CHAR	INQ	CAPDATAPRED	VARIABLENAME	32	DIFF	Language structure variable name	11

## Chapter 216. EVCSINFO Resource Table

This CICS resource object provides information about deployed information sources.

The EVCSINFO resource identifies multiple key attributes, but only the EVENTBINDING attribute can be specified in an EVALDEF INSTANCE attribute.

The **Primary** key field for this resource class is EVENTBINDING.

The **Secondary** key field for this resource class is CAPTURESPEC.

The **Tertiary** key field for this resource class is SEQNUMBER.

This resource class has no object specific actions.

### External resource name

CICSCaptureSpecificationInformationSource

### Length

272

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0203

Table 485. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 486. EVCSINFO resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
<b>CAPTURESPEC-2</b>	CHAR	INQ	CAPINFOSRCE	CAPTURESPEC	32	DIFF	Capture specification name	1
CONTAINER	CHAR	INQ	CAPINFOSRCE	CONTAINER	16	DIFF	Container name	3
<b>EVENTBINDING-1</b>	CHAR	INQ	CAPINFOSRCE	EVENTBINDING	32	DIFF	Event binding name	2
FIELDLENGTH	BINARY	INQ	CAPINFOSRCE	FIELDLENGTH	4	MAX	Field length	4
FIELDOFFSET	BINARY	INQ	CAPINFOSRCE	FIELDOFFSET	4	MAX	The data offset within the data source	5

Table 486. EVCSINFO resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
FILENAME	CHAR	INQ	CAPINFOSRCE	FILENAME	32	DIFF	Language structure file name	6
ITEMNAME	CHAR	INQ	CAPINFOSRCE	ITEMNAME	32	DIFF	Emitted business information name	12
LOCATION	CHAR	INQ	CAPINFOSRCE	LOCATION	32	DIFF	Location of the data	8
<b>SEQNUMBER-3</b>	BINARY	CPSM			4	MAX	Browse sequence number	13
STRUCTNAME	CHAR	INQ	CAPINFOSRCE	STRUCTNAME	32	DIFF	Language structure name	10
VARIABLENAME	CHAR	INQ	CAPINFOSRCE	VARIABLENAME	32	DIFF	Language structure variable name	11

## Chapter 217. EVCSOPT Resource Table

This CICS resource object provides information about deployed option predicates.

The EVCSOPT resource identifies multiple key attributes, but only the EVENTBINDING attribute can be specified in an EVALDEF INSTANCE attribute.

The **Primary** key field for this resource class is EVENTBINDING.

The **Secondary** key field for this resource class is CAPTURESPEC.

The **Tertiary** key field for this resource class is SEQNUMBER.

This resource class has no object specific actions.

### External resource name

CICSCaptureSpecificationOptionPredicate

### Length

376

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0201

Table 487. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 488. EVCSOPT resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
<b>CAPTURESPEC-2</b>	CHAR	INQ	CAOPTPRED	CAPTURESPEC	32	DIFF	Capture specification name	1
<b>EVENTBINDING-1</b>	CHAR	INQ	CAOPTPRED	EVENTBINDING	32	DIFF	Event binding name	2
FILTERVALUE	CHAR	INQ	CAOPTPRED	FILTERVALUE	255	DIFF	Filter value	5
OPERATOR	CVDAS	INQ	CAOPTPRED	OPERATOR	4	DIFF	Comparative operator for this predicate	4

Table 488. EVCSOPT resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
OPERATOR Output valid values	DOESNOTEQUAL, DOESNOTEXIST, DOESNOTSTART, EQUALS, EXISTS, GOHIGHERTHAN, GOLOWERTHAN, GREATERTHAN, ISNOTGREATER, ISNOTLESS, LESSTHAN, STARTSWITH							
OPTIONNAME	CHAR		CAOPTPRED	OPTIONNAME	32	LIKE	Option name	0
<b>SEQNUMBER-3</b>	BINARY	CPSM			4	MAX	Browse sequence number	13



## Chapter 218. EVENTDTL Resource Table

A CPSM Real Time Analysis Manager object that describes an evaluation that participated in the generation of an EVENT. Not all events have detail objects (refer to the DETAIL attribute of the EVENT resource table.) When present, an EVENTDTL instance is the runtime object built from an EVALDEF definition.

The **Primary** key field for this resource class is CONTEXT.

The **Secondary** key field for this resource class is EVENT.

The **Tertiary** key field for this resource class is TARGET.

The **Fourth** key field for this resource class is EVNTSEV.

The **Fifth** key field for this resource class is PRIORITY.

The **Sixth** key field for this resource class is SEQUENCE.

The **Seventh** key field for this resource class is NAME.

While the EVENT resource class identifies multiple key attributes, only the NAME attribute can be specified in an EVALDEF INSTANCE attribute.

There are no object specific actions for this resource class.

When EVENTDTL instances are requested using the API GET or REFRESH commands, the data values returned are the most current values used by the evaluation service. It is possible to see intermediate evaluation state transitions that occur before an analysis of the RTADEF that references the evaluation.

**External resource name**

CICSRTAEventDetail

**Length**

480

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSPlex SM Manager

**Copybook identifier**

EYUt2520

<i>Table 489. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		None	N/A

Table 490. EVENTDTL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
<b>CONTEXT-1</b>	CHAR	CPSM	8	DIFF	Context	35
CURRDATA	TEXT	CPSM	44	DIFF	Actual data value at last evaluation	31
DATETIME	DATETIME	CPSM	8	MAX	Date and time when evaluation was last true	24
EDEFTIME	DATETIME	CPSM	8	MAX	Date and time when evaluation definition created	23
EVALCOL	CHAR	CPSM	12	DIFF	Name of field being evaluated	27
EVALDATA	TEXT	CPSM	44	DIFF	Evaluation data value	29
EVALOPER	EYUDA	CPSM	4	LIKE	Evaluation logical operator	10
EVALOPER Output valid values	EQ, NE, LT, GT, LE, GE					
EVALTYPE	EYUDA	CPSM	4	LIKE	Evaluation type	9
EVALTYPE Output valid values	VALUE, THRESHOLD					
<b>EVENT-2</b>	CHAR	CPSM	8	DIFF	Associated event name	5
<b>EVNTSEV-4</b>	EYUDA	CPSM	4	LIKE	Event severity	36
EVNTSEV-4 Output valid values	VLS, LS, LW, NM, HW, HS, VHS					
HSDATA	CHAR	CPSM	12	DIFF	Lower boundary for severity of HS	21
HWDATA	CHAR	CPSM	12	DIFF	Lower boundary for severity of HW	20
INSTANCE	CHAR	CPSM	44	DIFF	Name of resource being evaluated	26
KEY	CHAR	CPSM	134	DIFF	Identifier of specific resource that caused event	34
LSDATA	CHAR	CPSM	12	DIFF	Lower boundary for severity of LS	18
LWDATA	CHAR	CPSM	12	DIFF	Lower boundary for severity of LW	19
<b>NAME-7</b>	CHAR	CPSM	8	DIFF	Name of associated evaluation definition	4
<b>PRIORITY-5</b>	BINARY	CPSM	1	AVG	Event priority	37
RATE	BINARY	CPSM	4	AVG	Evaluation interval (seconds)	16
RESTYPE	CHAR	CPSM	8	DIFF	Resource type	33
<b>SEQUENCE-6</b>	BINARY	CPSM	4	AVG	Event sequence number	38
SETACTION	EYUDA	CPSM	4	LIKE	Result set evaluation type	15
SETACTION Output valid values	ALL, ANY, SUM, MIN, MAX, AVG, CNT					
SEVERITY	EYUDA	CPSM	4	LIKE	Current severity	8
SEVERITY Output valid values	VLS, LS, LW, NM, HW, HS, VHS					
STATE	EYUDA	CPSM	4	LIKE	Result of evaluation	7
STATE Output valid values	TRUE, FALSE					
TABLE	CHAR	CPSM	8	DIFF	Resource table name	25
<b>TARGET-3</b>	CHAR	CPSM	8	DIFF	Name of CICS system or group that is target of evaluation	6
VHSDATA	CHAR	CPSM	12	DIFF	Lower boundary for severity of VHS	22
VIEW	CHAR	CPSM	8	DIFF	Name of a view that may provide extra information	32
VLSDATA	CHAR	CPSM	12	DIFF	Lower boundary for severity of VLS	17

## Chapter 219. EVENT Resource Table

A CPSM Real Time Analysis Manager object that describes an outstanding condition reported by an RTA service. The EVENT instance can be generated as a result of SAM, APM, or MRM processing. The type and mode of the condition are described in the instance.

For APM and MRM generated EVENTS, the name of the instance is the name of the RTADEF or STATDEF that was found to be TRUE.

The **Primary** key field for this resource class is EVENT.

The **Secondary** key field for this resource class is NAME.

The **Tertiary** key field for this resource class is TARGET.

The **Fourth** key field for this resource class is SEVERITY.

The **Fifth** key field for this resource class is PRIORITY.

The **Sixth** key field for this resource class is SEQUENCE.

While the EVENT resource class identifies multiple key attributes, only the NAME attribute can be specified in an EVALDEF INSTANCE attribute.

There are no object specific actions for this resource class.

The internal creation or updating of an EVENT object is always noted by an EACTNTFN notification. By registering interest in this notification, EVENT objects need not be polled to see if changes have occurred.

**External resource name**

CICSRTAEvent

**Length**

408

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2519

<i>Table 491. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		None	N/A

Table 492. EVENT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ACTION	CHAR	CPSM	8	DIFF	Action name	39
CMAS	CHAR	CPSM	8	DIFF	CMAS in which event was raised	38
<b>CONTEXT-1</b>	CHAR	CPSM	8	DIFF	Name of context to which event applies	46
CURHSENTRY	BINARY	CPSM	4	AVG	Current HS true evaluation count	28
CURHSEXIT	BINARY	CPSM	4	AVG	Current HS false evaluation count	34
CURHWENTRY	BINARY	CPSM	4	AVG	Current HW true evaluation count	27
CURHWEXIT	BINARY	CPSM	4	AVG	Current HW false evaluation count	33
CURLSENTRY	BINARY	CPSM	4	AVG	Current LS true evaluation count	25
CURLSEXIT	BINARY	CPSM	4	AVG	Current LS false evaluation count	31
CURLWENTRY	BINARY	CPSM	4	AVG	Current LW true evaluation count	26
CURLWEXIT	BINARY	CPSM	4	AVG	Current LW false evaluation count	32
CURVHSENTRY	BINARY	CPSM	4	AVG	Current VHS true evaluation count	29
CURVHSEXIT	BINARY	CPSM	4	AVG	Current VHS false evaluation count	35
CURLVSENTRY	BINARY	CPSM	4	AVG	Current VLS true evaluation count	24
CURLVSEXIT	BINARY	CPSM	4	AVG	Current VLS false evaluation count	30
DATEIME	DATEIME	CPSM	8	MAX	Date and time when event was created	37
DESC	CHAR	CPSM	58	DIFF	Event description	42
DETAIL	EYUDA	CPSM	4	LIKE	Detailed information availability	8
DETAIL Output valid values	YES, NO					
EVALTYPE	EYUDA	CPSM	4	LIKE	Event type	7
EVALTYPE Output valid values	SAM, APM, MRM					
GENALERT	EYUDA	CPSM	4	LIKE	SNA generic alert generation	10
GENALERT Output valid values	YES, NO					
GENEXTMSG	EYUDA	CPSM	4	LIKE	External message generation	9
GENEXTMSG Output valid values	YES, NO					
HSENTRY	BINARY	CPSM	4	AVG	Evaluation count with HS true before event	16
HSEXIT	BINARY	CPSM	4	AVG	Evaluation count with HS false before resolution	22
HWENTRY	BINARY	CPSM	4	AVG	Evaluation count with HW true before event	15
HWEXIT	BINARY	CPSM	4	AVG	Evaluation count with HW false before resolution	21
KEY	CHAR	CPSM	134	DIFF	Name of specific resource that caused event	45
LSENTRY	BINARY	CPSM	4	AVG	Evaluation count with LS true before event	13
LSEXIT	BINARY	CPSM	4	AVG	Evaluation count with LS false before resolution	19
LWENTRY	BINARY	CPSM	4	AVG	Evaluation count with LW true before event	14
LWEXIT	BINARY	CPSM	4	AVG	Evaluation count with LW false before resolution	20
<b>NAME-2</b>	CHAR	CPSM	8	DIFF	Event name	4

Table 492. EVENT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
NETVIEW	CHAR	CPSM	8	DIFF	CMAS to which Netview attached	36
<b>PRIORITY-5</b>	BINARY	CPSM	1	AVG	Event priority	41
RATE	BINARY	CPSM	4	AVG	Interval between evaluations	11
RESTYPE	CHAR	CPSM	8	DIFF	Resource type	44
<b>SEQUENCE-6</b>	BINARY	CPSM	4	AVG	Event sequence number	43
<b>SEVERITY-4</b>	EYUDA	CPSM	4	LIKE	Event severity	6
SEVERITY-4 Output valid values	VLS, LS, LW, HW, HS, VHS					
<b>TARGET-3</b>	CHAR	CPSM	8	DIFF	Current event target	5
VHSENTRY	BINARY	CPSM	4	AVG	Evaluation count with VHS true before event	17
VHSEXIT	BINARY	CPSM	4	AVG	Evaluation count with VHS false before resolution	23
VIEW	CHAR	CPSM	8	DIFF	Associated user data	40
VLSENTRY	BINARY	CPSM	4	AVG	Evaluation count with VLS true before event	12
VLSEXIT	BINARY	CPSM	4	AVG	Evaluation count with VLS false before resolution	18



## Chapter 220. EVNTBIND Resource Table

This CICS resource object provides information about event bindings.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### ENABLE

The event binding is enabled. Capture of events matching capture specifications in this event binding starts immediately.

### DISABLE

The event binding is disabled. Capture of events matching capture specifications in this event binding is stopped immediately. Any events already captured are emitted.

### External resource name

CICSEventBinding

### Length

200

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0192

*Table 493. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A
	DISABLE	None	N/A
	DISCARD	None	N/A

*Table 494. EVNTBIND resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name		

Table 494. EVNTBIND resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		
BUNDLE	CHAR	INQ			8	DIFF	No	Bundle name		4
CHANGEAGENT	CVDAS	INQ	EVENTBINDING	CHANGEAGENT	4	LIKE	No	Last modification agent		6
CHANGEAGENT Input/ output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC									
CHANGEAGREL	CHAR	INQ	EVENTBINDING	CHANGEAGREL	4	DIFF	No	Last modification agent release		7
CHANGETIME	DATETIME	INQ	EVENTBINDING	CHANGETIME	8	MAX	No	Last modification time		14
CHANGEUSRID	CHAR	INQ	EVENTBINDING	CHANGEUSRID	8	DIFF	No	Last modification user ID		8
DEFINESOURCE	CHAR	INQ	EVENTBINDING	DEFINESOURCE	8	DIFF	No	Source of the resource definition		9
DEFINETIME	DATETIME	INQ	EVENTBINDING	DEFINETIME	8	MAX	No	Creation time		13
ENABLESTATUS	CVDAS	CPSM	EVENTBINDING	ENABLESTATUS	4	LIKE	Yes	Enabled status		2
ENABLESTATUS Input/ output valid values	ENABLED, DISABLED									
EPADAPTER	CHAR	INQ	EVENTBINDING	INSTALLTIME	32	DIFF	No	Event processing adapter	E640 E650 E660	16
EPADAPTERRES	CVDAS	INQ	EVENTBINDING	INSTALLTIME	4	DIFF	No	Event processing adapter resource type	E640 E650 E660 E670	18
EPADAPTERRES Input/ output valid values	EPADAPTER, EPADAPTERSET									
EPADAPTERSET	CHAR	INQ	EVENTBINDING	INSTALLTIME	32	DIFF	No	Event processing adapter set	E640 E650 E660 E670	17
INSTALLAGENT	CVDAS	INQ	EVENTBINDING	INSTALLAGENT	4	LIKE	No	Installation agent		10
INSTALLAGENT Input/ output valid values	BUNDLE									
INSTALLTIME	DATETIME	INQ	EVENTBINDING	INSTALLTIME	8	MAX	No	Installation time		15
INSTALLUSRID	CHAR	INQ	EVENTBINDING	INSTALLUSRID	8	DIFF	No	Installation user ID		11
<b>NAME-1</b>	CHAR	INQ	EVENTBINDING		32	DIFF	No	Name		1
USERTAG	CHAR	INQ	EVENTBINDING	ENABLESTATUS	8	DIFF	No	User tag		3



## Chapter 221. EVNTGBL Resource Table

This CICS resource object provides information about event processing.

A particular CICS region has only one instance of the resource.

The following actions are supported:

### START

The EVENTPROCESS state is changed to STARTED. For inflight transactions, the capture of nontransactional events starts immediately and the capture of transactional events starts at the next sync point.

### DRAIN

The EVENTPROCESS state is changed to DRAIN, and event capture is stopped immediately. Any transactional events on the dispatcher queue are deleted. Transactional events are not considered captured until a sync point occurs and a sync point event will not now be captured. Any nontransactional events are emitted. When the last event on the queue is emitted, the EVENTPROCESS state changes to STOPPED.

### STOP

The EVENTPROCESS state is changed to STOPPED, and event capture is stopped immediately. All events on the dispatcher queue are deleted.

### External resource name

CICSEventProcessing

### Length

176

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0193

<i>Table 495. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	START	None	N/A
	DRAIN	None	N/A

Table 495. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	STOP	None	N/A

Table 496. EVNTGDL resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		
EPSTATUS	CVDAS	CPSM	EVENTPROCESS	EPSTATUS	4	LIKE	Yes	Event processing status		1
EPSTATUS Input/output valid values	STARTED, STOPPED, DRAIN									
EVNTBACKOUT	BINARY	STAT	DFHEPGDS	EPG_COMMIT_BACKWARD_EVENTS	4	MAX	No	Commit backward events		7
EVNTCAPOPSF	BINARY	STAT	DFHECGDS	ECG_CAPTURE_OPS_FAILED	4	MAX	No	Capture operations failed		26
EVNTCOMMIT	BINARY	STAT	DFHEPGDS	EPG_COMMIT_FORWARD_EVENTS	4	MAX	No	Commit forward events		6
EVNTCURRDSP	BINARY	STAT	DFHEPGDS	EPG_CURRENT_DISPATCHERS	4	MAX	No	Current dispatcher tasks		17
EVNTCURREVQ	BINARY	STAT	DFHEPGDS	EPG_CURRENT_EVC_QUEUE	4	MAX	No	Current event capture queue		8
EVNTCURRTRQ	BINARY	STAT	DFHEPGDS	EPG_CURRENT_TRANS_QUEUE	4	MAX	No	Current transactional queue		10
EVNTCUSTAD	BINARY	STAT	DFHEPGDS	EPG_CUSTOM_ADAPTER_EVENTS	4	MAX	No	Events to Custom EP adapter		22
EVNTDISABLE	BINARY	STAT	DFHECGDS	ECG_EB_EVENTS_DISABLED	4	MAX	No	Events with disabled EVENTBINDING		4
EVNTDOMSTID	BINARY	STAT	DFHEPGDS	EPGDS_ID	2	MAX	No	EP domain statistics ID		24
EVNTDSPFAILC	BINARY	STAT	DFHEPGDS	EPG_DISPATCH_FAILURE_CONFIG	4	MAX	No	Events lost (dispatcher) - config		29
EVNTDSPFAILO	BINARY	STAT	DFHEPGDS	EPG_DISPATCH_FAILURE_OTHER	4	MAX	No	Events lost (dispatcher) - other		30
EVNTFILTCAP	BINARY	STAT	DFHECGDS	ECG_EB_EVENTS_CAPTURED	8	MAX	No	Events captured		3
EVNTFILTOPS	BINARY	STAT	DFHECGDS	ECG_EB_EVENTS_FILTER_OPS	8	MAX	No	Event filtering operations		2
EVNTFILTOPSF	BINARY	STAT	DFHECGDS	ECG_FILTER_OPS_FAILED	4	MAX	No	Filter operations failed		25
EVNTHHTPCNT	BINARY	STAT	DFHEPGDS	EPG_HTTP_ADAPTER_EVENTS	4	MAX	No	Events to HTTP EP adapter	E640 E650	33
EVNTLOSTAU	BINARY	STAT	DFHEPGDS	EPG_EVENTS_ADAPTER_UNAVAILABLE	4	MAX	No	Events lost - adapter unavailable	E640 E650 E660	35
EVNTLOSTCO	BINARY	STAT	DFHEPGDS	EPG_ADAPTER_FAILURE_CONFIG	4	MAX	No	Events lost (adapter) - config		27
EVNTLOSTOT	BINARY	STAT	DFHEPGDS	EPG_ADAPTER_FAILURE_OTHER	4	MAX	No	Events lost (adapter) - other		28

Table 496. EVNTGBL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
EVNTMQADAPT	BINARY	STAT	DFHEPGDS	EPG_WMQ_ADAPTER_EVENTS	4	MAX	No	Events to Websphere MQ EP adapter		19
EVNTNORM	BINARY	STAT	DFHEPGDS	EPG_ASYNC_NORMAL_EVENTS	4	MAX	No	Async normal events		12
EVNTPEAKDSP	BINARY	STAT	DFHEPGDS	EPG_PEAK_DISPATCHERS	4	MAX	No	Peak dispatcher tasks		18
EVNTPEAKEVQ	BINARY	STAT	DFHEPGDS	EPG_PEAK_EVENT_QUEUE	4	MAX	No	Peak event capture queue		9
EVNTPEAKTRQ	BINARY	STAT	DFHEPGDS	EPG_PEAK_TRANSACTION_QUEUE	4	MAX	No	Peak transactional queue		11
EVNTPRIO	BINARY	STAT	DFHEPGDS	EPG_ASYNC_PRIORITY_EVENTS	4	MAX	No	Async priority events		13
EVNTPUT	BINARY	STAT	DFHEPGDS	EPG_PUT_EVENTS	4	MAX	No	Put events		5
EVNTSYNCCAP	BINARY	STAT	DFHEPGDS	EPG_SYNC_EVENTS	4	MAX	No	Synchronous events	E640 E650 E660	31
EVNTSYNCFAIL	BINARY	STAT	DFHEPGDS	EPG_SYNC_EVENTS_FAILED	4	MAX	No	Synchronous events failed	E640 E650 E660	32
EVNTSYSAP	BINARY	STAT	DFHEPGDS	EPG_SYS_EVENTS_CAPTURED	8	MAX	No	Total system events captured	E640 E650 E660	36
EVNTTDQSTAT	BINARY	STAT	DFHEPGDS	EPG_TDQUEUE_ADAPTER_EVENTS	4	MAX	No	Events to Tdqueue EP adapter	E640 E650 E660 E670 E680 E690 E700	37
EVNTTRAN	BINARY	STAT	DFHEPGDS	EPG_TRANSACTION_EVENTS	4	MAX	No	Transactional events		14
EVNTTRANATT	BINARY	STAT	DFHEPGDS	EPG_DISPATCHERS_ATTACHED	4	MAX	No	Dispatcher tasks attached		16
EVNTTRANDIS	BINARY	STAT	DFHEPGDS	EPG_TRANSACTION_EVENTS_DISCARDED	4	MAX	No	Transactional events discarded		15
EVNTTRANSAD	BINARY	STAT	DFHEPGDS	EPG_TRANSACTION_ADAPTER_EVENTS	4	MAX	No	Events to Transaction EP adapter		21
EVNTTSQSTAT	BINARY	STAT	DFHEPGDS	EPG_TSQUEUE_ADAPTER_EVENTS	4	MAX	No	Events to Tsqueue EP adapter		20
SCHEMALEVEL	CHAR	STAT			4	MAX	No	Highest schema level supported	E640 E650 E660	34



## Chapter 222. EXCI Resource Table

A CICS Resource that describes information about tasks that originated from client programs using the external CICS interface API

The **Primary** key field for this resource class is LUWID.

The **Secondary** key field for this resource class is TASK.

There are no object specific actions for this resource class.

**External resource name**

CICSEXCIRquest

**Length**

80

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0168

*Table 497. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A

*Table 498. EXCI resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
<b>LUWID-1</b>	CHAR	INQ	EXCI	EXCI	35	DIFF	EXCI client identifier	2
MVSSYSID	CHAR	CPSM			4	DIFF	EXCI client MVS system ID	5
RRMSURID	HEX	CPSM			16	DIFF	RRMS/MVS Unit of Recovery Identifier	3
<b>TASK-2</b>	BINARY	INQ	EXCI	TASK	4	DIFF	Task Number	1



## Chapter 223. EXITGLUE Resource Table

A CICS Resource that describes a global user exit in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is PROGRAM.

The **Secondary** key field for this resource class is EXITPOINT.

While the EXITGLUE resource class identifies multiple key attributes, only the PROGRAM attribute can be specified in an EVALDEF INSTANCE attribute.

There are no object specific actions for this resource class.

**External resource name**

CICSGlobalUserExit

**Length**

64

**Usage**

API or WUI or CICS Management Client Interface

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0056

Table 499. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 500. EXITGLUE resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
ENTRY	ADDRESS	INQ			4	MAX	Entry address of global user exit	9
ENTRYNAME	CHAR	INQ			8	DIFF	Entry name	3
<b>EXITPOINT-2</b>	CHAR	INQ			8	DIFF	Exit name	2
GAENTRYNAME	CHAR	INQ			8	DIFF	Name of exit which owns global work area	4
GALENGTH	BINARY	INQ			2	AVG	Length of global work area	7

Table 500. EXITGLUE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
GAUSECOUNT	BINARY	INQ			4	AVG	Number of global work area users	6
NUMEXITS	BINARY	INQ			2	AVG	Number of global exit points where exit is enabled	8
<b>PROGRAM-1</b>	CHAR	INQ			8	DIFF	Program name	1
STARTSTATUS	CVDAS	INQ			4	LIKE	Exit program availability status	5
STARTSTATUS Output valid values	STARTED, STOPPED							



## Chapter 224. EXITTRUE Resource Table

A CICS Resource that describes a task related user exit in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is PROGRAM.

The **Secondary** key field for this resource class is ENTRYNAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTaskRelatedExit

**Length**

104

**Usage**

API or WUI or CICS Management Client Interface

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0055

Table 501. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 502. EXITTRUE resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
APIST	CVDAS	INQ	EXITPROGRAM	APIST	4	LIKE	Open API status	17
APIST Output valid values	OPENAPI, BASEAPI, NOTAPPLIC							
CONCURRENTST	CVDAS	INQ	EXITPROGRAM	CONCURRENTST	4	LIKE	Concurrency type	16
CONCURRENTST Output valid values	QUASIRENT, THREADSAFE, REQUIRED, NOTAPPLIC							
CONNECTST	CVDAS	INQ	EXITPROGRAM	CONNECTST	4	LIKE	Connect status	12
CONNECTST Output valid values	CONNECTED, NOTCONNECTED, UNKNOWN, NOTAPPLIC							

Table 502. EXITTRUE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
ENTRY	ADDRESS	INQ	EXITPROGRAM	ENTRY	4	MAX	Entry-point address of task related user exit	11
<b>ENTRYNAME-2</b>	CHAR	INQ	EXITPROGRAM	ENTRYNAME	8	DIFF	Entry name	2
FORMATEDFST	CVDAS	INQ	EXITPROGRAM	FORMATEDFST	4	LIKE	Format execution diagnostic facility (EDF) status	4
FORMATEDFST Output valid values	FORMATEDF, NOFORMATEDF, NOTAPPLIC							
GAENTRYNAME	CHAR	INQ	EXITPROGRAM	GAENTRYNAME	8	DIFF	Name of exit owning global work area	3
GALENGTH	BINARY	INQ	EXITPROGRAM	GALENGTH	2	AVG	Length of global work area	9
GAUSECOUNT	BINARY	INQ	EXITPROGRAM	GAUSECOUNT	4	AVG	Number of work area users	8
INDOUBTST	CVDAS	INQ	EXITPROGRAM	INDOUBTST	4	LIKE	INDOUBTWAIT enabled status	13
INDOUBTST Output valid values	WAIT, NOWAIT, NOTAPPLIC							
<b>PROGRAM-1</b>	CHAR	INQ	EXITPROGRAM	EXITPROGRAM	8	DIFF	Program name	1
PURGEABLEST	CVDAS	INQ	EXITPROGRAM	PURGEABLEST	4	LIKE	Purgeable status	18
PURGEABLEST Output valid values	PURGEABLE, NOTPURGEABLE, NOTAPPLIC							
QUALIFIER	CHAR	INQ	EXITPROGRAM	QUALIFIER	8	DIFF	SPI qualifier	14
SHUTDOWNST	CVDAS	INQ	EXITPROGRAM	SHUTDOWNST	4	LIKE	Exit CICS shutdown status	5
SHUTDOWNST Output valid values	SHUTDOWN, NOSHUTDOWN, NOTAPPLIC							
SPIST	CVDAS	INQ	EXITPROGRAM	SPIST	4	LIKE	Exit-enabled-for-(SPI) calls option	15
SPIST Output valid values	SPI, NOSPI, NOTAPPLIC							
STARTSTATUS	CVDAS	INQ	EXITPROGRAM	STARTSTATUS	4	LIKE	Exit program availability status	6
STARTSTATUS Output valid values	STARTED, STOPPED							
TALENGTH	BINARY	INQ	EXITPROGRAM	TALENGTH	2	AVG	Length of local work area	10
TASKSTART	CVDAS	INQ	EXITPROGRAM	TASKSTARTST	4	LIKE	Start and end of task invocation status	7
TASKSTART Output valid values	TASKSTART, NOTASKSTART, NOTAPPLIC							

## Chapter 225. EXTGLORD Resource Table

A CICS Resource that describes a global user exit in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is EXITPOINT.

The **Secondary** key field for this resource class is EXITPOSITION.

The **Tertiary** key field for this resource class is PROGRAM.

The EXITPOSITION key field shows the time order in which the exits were enabled for the EXITPOINT.

There are no object specific actions for this resource class.

### External resource name

#### Length

80

#### Usage

API or WUI or EVALDEF

#### API view

Yes

#### CMAS context

No

#### SCOPE applies

Yes

#### Only query CMASs in workload

No

#### Object type

CICS Resource

#### Copybook identifier

EYUt0140

Table 503. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 504. EXTGLORD resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
CONCURRENTST	CVDAS	INQ	EXITPROGRAM	CONCURRENTST	4	LIKE	Concurrency status	12
CONCURRENTST Output valid values	QUASIRENT, THREADSAFE							
ENTRY	ADDRESS	INQ	EXITPROGRAM	ENTRY	4	MAX	Entry address of global user exit	10
ENTRYNAME	CHAR	INQ	EXITPROGRAM	ENTRYNAME	8	DIFF	Entry name	4
<b>EXITPOINT=1</b>	CHAR	INQ	EXITPROGRAM	EXIT	8	DIFF	Exit name	1

Table 504. EXTGLORD resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
<b>EXITPOSITION-2</b>	BINARY	CPSM			4	AVG	Exit position	2
GAENTRYNAME	CHAR	INQ	EXITPROGRAM	GAENTRYNAME	8	DIFF	Name of exit which owns global work area	5
GALENGTH	BINARY	INQ	EXITPROGRAM	GALENGTH	2	AVG	Length of global work area	8
GAUSECOUNT	BINARY	INQ	EXITPROGRAM	GAUSECOUNT	4	AVG	Number of global work area users	7
NUMEXITS	BINARY	INQ	EXITPROGRAM	NUMEXITS	2	AVG	Number of global exit points where exit is enabled	9
<b>PROGRAM-3</b>	CHAR	INQ	EXITPROGRAM	EXITPROGRAM	8	DIFF	Program name	3
STARTSTATUS	CVDAS	INQ	EXITPROGRAM	STARTSTATUS	4	LIKE	Exit program availability status	6
STARTSTATUS Output valid values	STARTED, STOPPED							
USECOUNT	BINARY	INQ	EXITPROGRAM	USECOUNT	4	AVG	Program use count	11

## Chapter 226. EXTRATDQ Resource Table

A CICS Resource that describes an extrapartition transient data queue in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is TDQUEUE.

The following actions are supported:

**CLOSE**

Close the destination data set.

**DISABLE**

Disable the destination.

**DISCARD**

Discard a disabled and closed destination.

**ENABLE**

Enable the destination.

**OPEN**

Open the destination data set.

These actions require no unique parameter data.

**External resource name**

CICSExtrapartitionTDQueue

**Length**

208

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0026

<i>Table 505. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A
	CLOSE	None	N/A

Table 505. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	DISABLE	None	N/A
	ENABLE	None	N/A
	OPEN	None	N/A

Table 506. EXTRATDQ resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	30
BLOCKFORMAT	CVDAS	INQ	TDQUEUE	BLOCKFORMAT	4	LIKE	No	Block format			2
BLOCKFORMAT Output valid values	BLOCKED, UNBLOCKED, NOTAPPLIC										
BLOCKSIZE	BINARY	INQ	TDQUEUE	BLOCKSIZE	4	AVG	No	Block length (bytes)			16
CHANGEAGENT	CVDAS	INQ	TDQUEUE	CHANGEAGENT	4	LIKE	No	Last modification agent		E640 E650	21
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBatch, SYSTEM, CREATESPI, NOTAPPLIC										
CHANGEAGREL	CHAR	INQ	TDQUEUE	CHANGEAGREL	4	DIF F	No	Last modification agent release		E640 E650	23
CHANGETIME	DATETIME	INQ	TDQUEUE	CHANGETIME	8	MAX	No	Last modification time		E640 E650	25
CHANGEUSRID	CHAR	INQ	TDQUEUE	CHANGEUSRID	8	DIF F	No	Last modification user ID		E640 E650	22
DATABUFFERS	BINARY	INQ	TDQUEUE	DATABUFFERS	4	AVG	No	Number of data buffers to be used			17
DDNAME	CHAR	INQ	TDQUEUE	DDNAME	8	DIF F	No	DD name on JCL statement defining data set			11
DEFINESOURCE	CHAR	INQ	TDQUEUE	DEFINESOURCE	8	DIF F	No	Source of the resource definition		E640 E650	26
DEFINETIME	DATETIME	INQ	TDQUEUE	DEFINETIME	8	MAX	No	Creation time		E640 E650	27
DISPOSITION	CVDAS	INQ	TDQUEUE	DISPOSITION	4	LIKE	No	Data set disposition			13
DISPOSITION Output valid values	MOD, OLD, SHARE, NOTAPPLIC										
DSNAME	CHAR	INQ	TDQUEUE	DSNAME	44	DIF F	No	Name of data set			12
EMPTYSTATUS	CVDAS	INQ	TDQUEUE	EMPTYSTATUS	4	LIKE	No	Empty status			3
EMPTYSTATUS Output valid values	FULL, EMPTY, NOTEMPTY, NOTAPPLIC										
ENABLESTATUS	CVDAS	INQ	TDQUEUE	ENABLESTATUS	4	LIKE	Yes	Enabled status			4
ENABLESTATUS Input/output valid values	ENABLED, DISABLED										

Table 506. EXTRATDQ resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
ENABLESTATUS Output valid values	NOTAPPLIC										
ERROROPTION	CVDAS	INQ	TDQUEUE	ERROROPTIO N	4	LIK E	No	CICS action for I/O error			14
ERROROPTION Output valid values	IGNORERR, SKIP, NOTAPPLIC										
INSTALLAGENT	CVDAS	INQ	TDQUEUE	INSTALLAGEN T	4	LIK E	No	Installation agent		E640 E650	24
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST, SYSTEM										
INSTALLTIME	DATETIME	INQ	TDQUEUE	INSTALLTIME	8	MAX	No	Installation time		E640 E650	29
INSTALLUSRID	CHAR	INQ	TDQUEUE	INSTALLUSRI D	8	DIF F	No	Installation user ID		E640 E650	28
IOTYPE	CVDAS	INQ	TDQUEUE	IOTYPE	4	LIK E	No	I/O type			5
IOTYPE Output valid values	INPUT, OUTPUT, RDBACK, NOTAPPLIC										
MEMBER	CHAR	INQ	TDQUEUE	MEMBER	8	DIF F	No	Member name			19
OPENSTATUS	CVDAS	INQ	TDQUEUE	OPENSTATUS	4	LIK E	Yes	Open status			6
OPENSTATUS Input/output valid values	OPEN, CLOSED										
OPENSTATUS Output valid values	OPENING, CLOSING, SWITCHING, NOTAPPLIC										
OUTCNT	BINARY	STAT			4	AVG	No	Number of READ and WRITE requests			10
PRINTCONTROL	CVDAS	INQ	TDQUEUE	PRINTCONTR OL	4	LIK E	No	Print control type			7
PRINTCONTROL Output valid values	ASACTL, MCHCTL, NOCTL, NOTAPPLIC										
RECORDFORMAT	CVDAS	INQ	TDQUEUE	RECORDFORM AT	4	LIK E	No	Record format			8
RECORDFORMAT Output valid values	FIXED, VARIABLE, NOTAPPLIC										
RECORDLENGTH	CNUMERIC	INQ	TDQUEUE	RECORDLENG TH	4	AVG	No	Record length (bytes)			9
REWIND	CVDAS	INQ	TDQUEUE	REWIND	4	LIK E	No	Rewind action when data set on tape closed			15
REWIND Output valid values	LEAVE, REREAD, NOTAPPLIC										
SYSOUTCLASS	CHAR	INQ	TDQUEUE	SYSOUTCLASS	1	DIF F	No	SYSOUT class if spool file			18
<b>TDQUEUE-1</b>	CHAR	INQ	TDQUEUE	TDQUEUE	4	DIF F	No	Queue ID			1





## Chapter 227. FEATURE Resource Table

A CICS resource that describes the feature toggles that are specified for the region. Feature toggles are used to enable features and to set configuration options.

The **Primary** key field for this resource class is NAME.

**External resource name**

CICSFeature

**Length**

528

**Usage**

API or WUI or CICS Management Client Interface

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0221

<i>Table 507. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A

<i>Table 508. FEATURE resource table attributes</i>								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
<b>NAME-1</b>	CHAR	INQ	FEATUREKEY	FEATUREKEY	255	DIFF	Name	1
VALUE	CHAR	INQ	FEATUREKEY	VALUE	255	DIFF	Value	2



## Chapter 228. FEEDBACK Resource Table

A MetaData resource that provides extended diagnostic data for an API command that encountered an error.

There is no key field for this resource class.

There are no object specific actions for this resource class.

**External resource name**

**Length**

248

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Metadata

**Copybook identifier**

EYUt2601

Table 509. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 510. FEEDBACK resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ATTRDATAVAL	CHAR	CPSM	1	LIKE	Attribute data available	5
ATTRDATAVAL Input/output valid values	Y (YES) - Attribute Ids valid, N (NO) - No Attribute Id data					
ATTR_DTYP1	BINARY	CPSM	1	LIKE	Attribute datatype	18
ATTR_DTYP1 Input/output valid values	0 (COMP) - Component Identifier, 4 (BIN) - Binary Numeric, 8 (RATE) - Binary Derived Rate, 12 (PER) - Binary Derived Percent, 16 (SUM) - Binary Derived Sum, 20 (RATO) - Binary Derived Ratio, 24 (AVG) - Binary Derived Average, 28 (TSTP) - System/390 Timestamp, 32 (BIT) - Bit, 36 (TEXT) - Text Unknown Length, 40 (CHAR) - Character, 44 (EYUD) - EYUDA, 48 (CVDS) - CVDA Standard, 52 (CVDT) - CVDA Terminal, 56 (REST) - Resource Type, 60 (PACK) - Packed Decimal, 64 (DATE) - Date, 68 (ILBL) - Internal Label Field, 72 (HHMM) - Binary HHMM, 76 (SCLK) - Interval Store Clock, 80 (IUSC) - Interval Microseconds, 84 (IMSC) - Interval Milliseconds, 88 (16US) - Interval 16 Microseconds, 92 (ISEC) - Interval Seconds, 96 (IUSS) - Interval Store Clock Delta, 100 (DTGP) - Date Time Group, 104 (DECT) - Packed Decimal Timestamp, 108 (ADDR) - Address, 112 (CNUM) - Coded Numeric, 116 (HCHR) - Non Display Character, 120 (HEX) - Hexadecimal, 124 (TBLV) - Table version, 128 (RAT3) - Binary derived rate 3DP, 132 (PER3) - Binary derived percent 3DP, 136 (SUM3) - Binary derived sum 3DP, 140 (AVG3) - Binary derived average 3DP, 144 (DECS) - Packed Decimal Time - No Tenths, 152 (SC12) - Interval Store Clock Length 12					
ATTR_DTYP2	BINARY	CPSM	1	LIKE	Attribute datatype	23
ATTR_DTYP3	BINARY	CPSM	1	LIKE	Attribute datatype	28
ATTR_DTYP4	BINARY	CPSM	1	LIKE	Attribute datatype	33

Table 510. FEEDBACK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
ATTR_DTYP5	BINARY	CPSM	1	LIKE	Attribute datatype	38
ATTR_DTYP6	BINARY	CPSM	1	LIKE	Attribute datatype	50
ATTR_LEN1	BINARY	CPSM	2	LIKE	Attribute length	20
ATTR_LEN2	BINARY	CPSM	2	LIKE	Attribute length	25
ATTR_LEN3	BINARY	CPSM	2	LIKE	Attribute length	30
ATTR_LEN4	BINARY	CPSM	2	LIKE	Attribute length	35
ATTR_LEN5	BINARY	CPSM	2	LIKE	Attribute length	40
ATTR_LEN6	BINARY	CPSM	2	LIKE	Attribute length	52
ATTR_NM1	CHAR	CPSM	12	LIKE	Attribute name	16
ATTR_NM2	CHAR	CPSM	12	LIKE	Attribute name	21
ATTR_NM3	CHAR	CPSM	12	LIKE	Attribute name	26
ATTR_NM4	CHAR	CPSM	12	LIKE	Attribute name	31
ATTR_NM5	CHAR	CPSM	12	LIKE	Attribute name	36
ATTR_NM6	CHAR	CPSM	12	LIKE	Attribute name	48
ATTR_OFF1	BINARY	CPSM	2	LIKE	Attribute offset	17
ATTR_OFF2	BINARY	CPSM	2	LIKE	Attribute offset	22
ATTR_OFF3	BINARY	CPSM	2	LIKE	Attribute offset	27
ATTR_OFF4	BINARY	CPSM	2	LIKE	Attribute offset	32
ATTR_OFF5	BINARY	CPSM	2	LIKE	Attribute offset	37
ATTR_OFF6	BINARY	CPSM	2	LIKE	Attribute offset	49
ATTR_RID1	BINARY	CPSM	1	LIKE	Attribute relative ID	19
ATTR_RID2	BINARY	CPSM	1	LIKE	Attribute relative ID	24
ATTR_RID3	BINARY	CPSM	1	LIKE	Attribute relative ID	29
ATTR_RID4	BINARY	CPSM	1	LIKE	Attribute relative ID	34
ATTR_RID5	BINARY	CPSM	1	LIKE	Attribute relative ID	39
ATTR_RID6	BINARY	CPSM	1	LIKE	Attribute relative ID	51
CEIBDATAVAL	CHAR	CPSM	1	LIKE	EIB data available	6
CEIBDATAVAL Input/output valid values	Y (YES) - EIB data valid, N (NO) - No EIB data					
CEIBFN	HEX	CPSM	4	MIN	EIBFN response from CICS	13
CEIBRESP	BINARY	CPSM	4	LIKE	RESP response from CICS	11
CEIBRESP1	BINARY	CPSM	4	LIKE	RESP2 response from CICS	12
COMMAND	BINARY	CPSM	1	LIKE	Command code	4
COMMAND Input/output valid values	1 (NOOP) - NOOP, 2 (CANCEL) - Cancel, 3 (CONNECT) - Connect, 4 (COPY) - Copy, 5 (CREATE) - Create, 6 (DELETE) - Delete, 7 (DISCARD) - Discard, 8 (DISCONN) - Disconnect, 9 (FETCH) - Fetch, 10 (GET) - Get, 11 (LOCATE) - Locate, 12 (MARK) - Mark, 13 (ORDER) - Order by, 14 (PERFSET) - Perform Set, 15 (PERFOBJ) - Perform Object, 16 (QUALIFY) - Qualify, 17 (QUERY) - Query, 18 (RECEIVE) - Receive, 19 (REMOVE) - Remove, 20 (FILTER) - Specify Filter, 21 (UNMARK) - Unmark, 22 (ADDRESS) - Address, 23 (GETDEF) - Getdef, 24 (LISTEN) - Listen, 25 (REFRESH) - Refresh, 26 (SET) - Set, 27 (VIEW) - Specify View, 28 (TERM) - Terminate, 29 (TRANS) - Translate, 30 (GROUP) - Group by, 31 (UPDATE) - Update, 32 (FEEDBACK) - Feedback, 33 (EXPAND) - Expand					
CSDAPI	CHAR	CPSM	1	LIKE	CSD API	53
CSDAPI Input/output valid values	Y (YES) - CSD API related request, N (NO) - non-CSD API related request					
DIAGNOSTIC	BINARY	CPSM	32	LIKE	Internal diagnostic data	43
ERRCODEVAL	CHAR	CPSM	1	LIKE	Error code value available	7
ERRCODEVAL Input/output valid values	Y (YES) - Error Code valid, N (NO) - No Error Code Data					
ERROR_CODE	BINARY	CPSM	4	LIKE	Error code	10

Table 510. FEEDBACK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
ERR_COUNT	BINARY	CPSM	4	LIKE	Error result count	45
ERR_OBJECT	CHAR	CPSM	8	LIKE	Feedback error object name	47
ERR_RESULT	BINARY	CPSM	4	LIKE	Error result token	44
EXPANSION	CHAR	CPSM	33	LIKE	Reserved for expansion	46
OBJECT	CHAR	CPSM	8	LIKE	Name of object	14
OBJECT_ACT	CHAR	CPSM	12	LIKE	Action performed	15
REASON	BINARY	CPSM	4	LIKE	Command reason	9
RESPONSE	BINARY	CPSM	4	LIKE	Command response	8
RSLTRECID	BINARY	CPSM	4	LIKE	Result set record ID	42
RSRVED01	BINARY	CPSM	2	LIKE	Reserved Area	41



## Chapter 229. FENODDEF Resource Table

A CICS Definition that describes a FEPI Node.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The following actions are supported:

### INSTALL

Install a FEPI Node Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionFEPINode

### Length

1168

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3829

<i>Table 511. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No

Operations	Actions	Parameters	Required
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Value	Code	Description
1	FENODDEF_INV_DATA	Attribute data invalid
2	FENODDEF_REC_NOT_FOUND	Requested resource not found
4	FENODDEF_REC_EXISTS	Resource already exists
5	FENODDEF_REC_CHANGED	Resource definition already changed
6	FENODDEF_INV_RESTYPE	Invalid resource type
7	FENODDEF_INV_VER	Invalid resource version
11	FENODDEF_NON_MP	Maintenance point CMAS not available
12	FENODDEF_INV_CONTEXT	Context not found
13	FENODDEF_INCONSISTENT_SET	Inconsistent set condition
14	FENODDEF_INV_RESGROUP	Resource group not found
21	FENODDEF_INV_ACTION	Invalid action
22	FENODDEF_INV_RECADDR	Invalid record address
23	FENODDEF_INV_RECLEN	Invalid record length
24	FENODDEF_DIFF_VERSION	Different version
25	FENODDEF_EARLY_NAMELIST_END	Early name list end
26	FENODDEF_INV_NAMELIST	Invalid name list
27	FENODDEF_INV_NAME	Invalid name
28	FENODDEF_INV_MINNAME	Invalid minor name
29	FENODDEF_NOTIFY	Notify
30	FENODDEF_PARTIAL_INSTALL	Partial install
31	FENODDEF_NOTHING_INSTALLED	Nothing installed
32	FENODDEF_NO_TARGETS	No targets
33	FENODDEF_NO_RELATED	No related systems
34	FENODDEF_INV_TSCOPE	Invalid target scope
35	FENODDEF_INV_RSCOPE	Invalid related scope
36	FENODDEF_INV_USAGE	Invalid usage



Table 512. FENODDEF FEEDBACK error codes (continued)

Value	Code	Description
37	FENODDEF_INV_MODE	Invalid mode
38	FENODDEF_INV_STATECHK	Invalid state check
39	FENODDEF_INV_FORCEINS	Invalid force install
40	FENODDEF_INV_NOTIFY	Invalid notify
41	FENODDEF_INV_OVERTYPE	Invalid over type
42	FENODDEF_INV_OVRBLOCK	Invalid override block
43	FENODDEF_INV_ORSTRING	Invalid override string
44	FENODDEF_INV_STRNGTERM	Invalid string terminator
45	FENODDEF_INV_EMBEDTERM	Invalid embedded terminator
46	FENODDEF_INV_ATTRIBUTE	Invalid attribute
47	FENODDEF_INV_LITERAL	Invalid literal
48	FENODDEF_INV_ORSTGNA	Invalid override string
49	FENODDEF_SCOPE_REQUIRED	Scope required
50	FENODDEF_USAGE_CONFLICT	Usage conflict
51	FENODDEF_NODEFS_SELECTED	No definitions selected
52	FENODDEF_MORE_THAN_1_RELSYS	More than one related system
53	FENODDEF_MISSING_RELSYSID	Missing related system identifier
54	FENODDEF_SCOPE_CONFLICT	Scope conflict

Table 513. FENODDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
ACQSTATUS	CVDAS	CPSM	4	Yes	LIKE	Acquired status	ACQUIRED			15
ACQSTATUS Input/output valid values	ACQUIRED, RELEASED									
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	20
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	22
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	21
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				9
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		19
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				13
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				7
NODELIST	CHAR	CPSM	51 2	No	DIFF	Node list				18

Table 513. FENODDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
PASSWORDS	CHAR	CPSM	512	No	DIFF	Password list				17
SERVSTATUS	CVDAS	CPSM	4	Yes	LIKE	Node service status	INSERVICE			16
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				10
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				12

## Chapter 230. FEPICONN Resource Table

A CICS Resource that describes a FEPI connection in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is TARGETNAME.

The **Secondary** key field for this resource class is NODENAME.

The following actions are supported:

### ACQUIRE

Acquire the FEPI connection.

### INSERVICE

Place the FEPI connection in service.

### OUTSERVICE

Place the FEPI connection out of service.

### RELEASE

Release the FEPI connection.

These actions require no unique parameter data.

### External resource name

CICSFEPIConnection

### Length

160

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0057

<i>Table 514. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ACQUIRE	None	N/A
	INSERVICE	None	N/A
	OUTSERVICE	None	N/A

Table 514. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	RELEASE	None	N/A

Table 515. FEPICONN resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	
ACQSTATUS	CVDAS	INQ			4	LIKE	Yes	Acquired status	11
ACQSTATUS Input/output valid values	ACQUIRED, RELEASED								
ACQSTATUS Output valid values	ACQUIRING, RELEASING								
ACQUIRES	BINARY	STAT			4	AVG	No	Number of acquires	4
CHARSRECD	BINARY	STAT	DFHA23DS	A23CHIN	4	AVG	No	Number of characters received	8
CHARSENT	BINARY	STAT	DFHA23DS	A23CHOUT	4	AVG	No	Number of characters sent	7
CONVERSATNS	BINARY	STAT	DFHA23DS	IFCN_MINUS_1	4	AVG	No	Number of conversations	5
ERRORS	BINARY	STAT	DFHA23DS	A23ERROR	4	AVG	No	Number of error conditions	10
INSTLSTATUS	CVDAS	INQ			4	LIKE	No	Connections install status	12
INSTLSTATUS Output valid values	INSTALLED, NOTINSTALLED								
LASTACQCODE	BINARY	INQ			4	AVG	No	Sense code from last REQSESS request	13
<b>NODENAME-2</b>	CHAR	INQ			8	DIFF	No	Node name	2
POOLNAME	CHAR	STAT			8	DIFF	No	Pool name	3
RECVTIMEOUT	BINARY	STAT	DFHA23DS	A23RTOUT	4	AVG	No	Number of receive timeouts	9
SERVSTATUS	CVDAS	INQ			4	LIKE	Yes	Connection service status	14
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE								
SERVSTATUS Output valid values	GOINGOUT								
STATE	CVDAS	INQ			4	LIKE	No	Conversation status	15
STATE Output valid values	NOCONV, PENDSTSN, STSN, PENDBEGIN, BEGINSSESSION, APPLICATION, PENDDATA, PENDSTART, PENDFREE, FREE, PENDRELEASE, RELEASE, PENDUNSOL, UNSOLDATA, PENDPASS								
<b>TARGETNAME-1</b>	CHAR	INQ			8	DIFF	No	Target name	1
UNSOLICINP	BINARY	STAT	DFHA23DS	A23USI	4	AVG	No	Number of unsolicited inputs	6
USERDATA	CHAR	INQ			64	MIN	Yes	User data for connection	17
WAITCONVNUM	BINARY	INQ			4	AVG	No	Number of conversations waiting for connection	16

## Chapter 231. FEPINODE Resource Table

A CICS Resource that describes a FEPI node in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NODENAME.

The following actions are supported:

**ACQUIRE**

Acquire the FEPI node.

**DISCARD**

Discard the FEPI node.

**INSERVICE**

Place the FEPI node in service.

**OUTSERVICE**

Place the FEPI node out of service.

**RELEASE**

Release the FEPI node.

**External resource name**

CICSFEPINode

**Length**

112

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0061

<i>Table 516. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		None	N/A
SET		None	N/A
PERFORM SET	ACQUIRE	None	N/A
	DISCARD	None	N/A
	INSERVICE	None	N/A
	OUTSERVICE	None	N/A

Table 516. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	RELEASE	None	N/A

Table 517. FEPINODE resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	
ACQNUM	BINARY	INQ			4	AVG	No	Number of node acquires	2
ACQSTATUS	CVDAS	INQ			4	LIKE	Yes	Acquired status	3
ACQSTATUS Input/output valid values	ACQUIRED, RELEASED								
ACQSTATUS Output valid values	ACQUIRING, RELEASING								
INSTLSTATUS	CVDAS	INQ			4	LIKE	No	Node install status	4
INSTLSTATUS Output valid values	INSTALLED, NOTINSTALLED								
LASTACQCODE	BINARY	INQ			4	AVG	No	Sense code from last REQSESS request	5
<b>NODENAME-1</b>	CHAR	INQ			8	DIFF	No	Node name	1
SERVSTATUS	CVDAS	INQ			4	LIKE	Yes	Node service status	6
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE								
SERVSTATUS Output valid values	GOINGOUT								
USERDATA	CHAR	INQ			64	DIFF	Yes	User data for node	7

## Chapter 232. FEPIPOOL Resource Table

A CICS Resource that describes a FEPI pool in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is POOLNAME.

The following actions are supported:

### ADD

Add nodes and targets to a FEPI pool.

The parameter data for the ADD action is:

```
PARM('NODES(node,...) TARGETS(trgt,...)
      [ACQSTATUS(cvda1)] [SERVSTATUS(cvda2)].')
```

where:

- *node* is required and must be one or more 1- to 8-character FEPI node names.
- *trgt* is required and must be one or more 1- to 8-character FEPI target names.
- *cvda1* is one of the following valid CVDA values for FEPI acquire status:

ACQUIRED  
RELEASED

- *cvda2* is one of the following valid CVDA values for FEPI service status:

INSERVICE  
OUTSERVICE

**Note:** The number of values for the NODES() and TARGETS() parameters must be the same.

### DELETE

Delete nodes and targets from a FEPI pool.

The parameter data for the DELETE action is:

```
PARM('NODES(node,...) TARGETS(trgt,...)
      [POOL(pool)].')
```

where:

*node* = (Required) One or more 1- to 8-character  
FEPI node names.  
*trgt* = (Required) One or more 1- to 8-character  
FEPI target names.  
*pool* = 1- to 8-character FEPI pool name.

**Note:** The number of values for the NODES() and TARGETS() parameters must be the same.

### DISCARD

Discard a FEPI pool.

### INSERVICE

Place a FEPI pool in service.

### OUTSERVICE

Place a FEPI pool out of service.

### External resource name

CICSFEPICPool

### Length

208

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0058

*Table 518. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ADD	ACQSTATUS(ACQUIRED, RELEASED)	No
		NODES	Yes
		SERVSTATUS(INSERVICE, OUTSERVICE)	No
		TARGETS	Yes
	DELETE	NODES	Yes
		POOL(value)	No
		TARGETS	Yes
	DISCARD	None	N/A
	INSERVICE	None	N/A
	INSTALL	ACQSTATUS(ACQUIRED, RELEASED)	No
		NODES	Yes
		POOL(value)	No
		PROPERTY(value)	No
		SERVSTATUS(INSERVICE, OUTSERVICE)	No
		TARGETS	Yes
	OUTSERVICE	None	N/A

*Table 519. FEIPOOL resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	



Table 519. FEIPOOL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Attr ID
BEGINSESSION	CHAR	INQ			4	DIFF	No	Begin-session transaction	12
CONNECTIONS	BINARY	STAT	DFHA22DS	A22CONCT	4	AVG	No	Number of connections	4
CONTENTION	CVDAS	INQ			4	LIKE	No	Begin-bracket contention resolution	13
CONTENTION Output valid values	LOSE, WIN								
CURALLCS	BINARY	STAT	DFHA22DS	A22ALLOC	4	AVG	No	Current number of allocates	6
CURALLCWAIT	BINARY	STAT	DFHA22DS	A22WAIT	4	AVG	No	Current number of allocates waiting	8
DEVICE	CVDAS	INQ			4	LIKE	No	Device type	14
DEVICE Output valid values	T3278M2, T3278M3, T3278M4, T3278M5, T3279M2, T3279M3, T3279M4, T3279M5, TPS55M2, TPS55M3, TPS55M4, LUP								
ENDSESSION	CHAR	INQ			4	DIFF	No	End-session transaction	15
EXCEPTIONQ	CHAR	INQ			4	DIFF	No	TDQ queue holding exceptions	16
FJOURNALNAME	CHAR	INQ			8	DIFF	No	Journal name	30
FJOURNALNUM	BINARY	INQ			4	AVG	No	Journal number	17
FORMAT	CVDAS	INQ			4	LIKE	No	Data format option	18
FORMAT Output valid values	FORMATTED, DATASTREAM, NOTAPPLIC								
INITIALDATA	CVDAS	INQ			4	LIKE	No	Initial inbound data status	19
INITIALDATA Output valid values	INBOUND, NOTINBOUND								
INSTLSTATUS	CVDAS	INQ			4	LIKE	No	Pool install status	20
INSTLSTATUS Output valid values	INSTALLED, NOTINSTALLED								
MAXFLENGTH	BINARY	INQ			4	AVG	No	Maximum length of returned data	21
MSGJRNL	CVDAS	INQ			4	LIKE	No	Message journaling status	22
MSGJRNL Output valid values	NOMSGJRNL, INPUT, OUTPUT, INOUT								
NODES	BINARY	STAT	DFHA22DS	A22NDCT	4	AVG	No	Number of nodes	3
PEAKALLCS	BINARY	STAT	DFHA22DS	A22PKALL	4	AVG	No	Peak number of concurrent allocates	7
PEAKALLCWAIT	BINARY	STAT	DFHA22DS	A22PKWT	4	AVG	No	Peak number of allocates waiting	9
PEAKCONNS	BINARY	STAT	DFHA22DS	A22CONPK	4	AVG	No	Peak number of connections	5
<b>POOLNAME-1</b>	CHAR	INQ			8	DIFF	No	Pool name	1
PROPERTYSET	CHAR	INQ			8	DIFF	No	Property set name	23
SERVSTATUS	CVDAS	INQ			4	LIKE	Yes	Pool service status	24
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE								
SERVSTATUS Output valid values	GOINGOUT								
STSN	CHAR	INQ			4	DIFF	No	Set and test sequence-number (STSN) transaction	25
TARGETS	BINARY	STAT	DFHA22DS	IFPL_MINUS_1	4	AVG	No	Number of targets	2
TOTALLOCTOUT	BINARY	STAT	DFHA22DS	A22TIOUT	4	AVG	No	Total number of allocates that timed out	11

Table 519. FEPIPOOL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Attr ID
TOTALLOCWAIT	BINARY	STAT	DFHA22DS	A22TOTWT	4	AVG	No	Total number of allocates that waited	10
UNSOLDATA	CHAR	INQ			4	DIFF	No	Unsolicited data transaction	26
UNSOLDATAACK	CVDAS	INQ			4	LIKE	No	Unsolicited-data bid-acknowledgement	27
UNSOLDATAACK Output valid values	NEGATIVE, POSITIVE, NOTAPPLIC								
USERDATA	CHAR	INQ			64	DIFF	Yes	Pool user data	29
WAITCONVNUM	BINARY	INQ			4	AVG	No	Number of conversations waiting	28

## Chapter 233. FEPIPROP Resource Table

A CICS Resource that describes a FEPI property set in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is PROPERTYSET.

The following actions are supported:

### DISCARD

Discard the FEPI property set.

### External resource name

CICSFEPIPropertySet

### Length

88

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0062

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
BEGINSESSION	CHAR	INQ			4	DIFF	Begin-session transaction	2
CONTENTION	CVDAS	INQ			4	LIKE	Contention resolution result	3
CONTENTION Input/output valid values	LOSE, WIN							
DEVICE	CVDAS	INQ			4	LIKE	Device type	4

Table 521. FEIPROP resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
DEVICE Input/output valid values	T3278M2, T3278M3, T3278M4, T3278M5, T3279M2, T3279M3, T3279M4, T3279M5, TPS55M2, TPS55M3, TPS55M4, LUP							
ENDESESSION	CHAR	INQ			4	DIFF	End-session transaction	5
EXCEPTIONQ	CHAR	INQ			4	DIFF	TDQ queue holding exceptions	6
FJOURNALNAME	CHAR	INQ			8	DIFF	Journal name	15
FJOURNALNUM	CNUMERIC	INQ			4	AVG	Journal number	7
FORMAT	CVDAS	INQ			4	LIKE	Data format	8
FORMAT Input/output valid values	FORMATTED, DATASTREAM, NOTAPPLIC							
INITIALDATA	CVDAS	INQ			4	LIKE	Initial-inbound-data option	9
INITIALDATA Input/output valid values	INBOUND, NOTINBOUND							
MAXFLENGTH	BINARY	INQ			4	AVG	Maximum length of returned data	10
MSGJRNL	CVDAS	INQ			4	LIKE	Journal status	11
MSGJRNL Input/output valid values	NOMSGJRNL, INPUT, OUTPUT, INOUT							
<b>PROPERTYSET-1</b>	CHAR	INQ			8	DIFF	Property set name	1
STSN	CHAR	INQ			4	DIFF	Set and test sequence numbers (STSN) transaction	12
UNSOLDATA	CHAR	INQ			4	DIFF	Unsolicited data transaction	13
UNSOLDATAACK	CVDAS	INQ			4	LIKE	Unsolicited data response	14
UNSOLDATAACK Input/output valid values	NEGATIVE, POSITIVE, NOTAPPLIC							

## Chapter 234. FEPITRGT Resource Table

A CICS Resource that describes a FEPI target in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is TARGETNAME.

The **Secondary** key field for this resource class is POOLNAME.

The following actions are supported:

### **DISCARD**

Discard a FEPI target.

### **INSERVICE**

Place a FEPI target in service.

### **OUTSERVICE**

Place a FEPI target out of service.

### **External resource name**

CICSFEPITarget

### **Length**

136

### **Usage**

API or WUI or CICS Management Client Interface or EVALDEF

### **API view**

Yes

### **CMAS context**

No

### **SCOPE applies**

Yes

### **Only query CMASs in workload**

No

### **Object type**

CICS Resource

### **Copybook identifier**

EYUt0059

<i>Table 522. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A
	INSERVICE	None	N/A
	OUTSERVICE	None	N/A

Table 523. FEPITRGT resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	
ALLOCATES	BINARY	STAT	DFHA24DS	A24ALLOC	4	AVG	No	Total number of allocates	5
APPLID	CHAR	STAT			8	DIFF	No	VTAM applid of back end system	3
CURALLCWAIT	BINARY	STAT	DFHA24DS	A24WAIT	4	AVG	No	Current number of allocates waiting	7
INSTLSTATUS	CVDAS	INQ			4	LIKE	No	Install status	10
INSTLSTATUS Output valid values	INSTALLED, NOTINSTALLED								
NODES	BINARY	STAT	DFHA24DS	A24NDCT	4	AVG	No	Number of nodes	4
PEAKALLCWAIT	BINARY	STAT	DFHA24DS	A24PKWT	4	AVG	No	Peak number of allocates waiting	8
<b>POOLNAME-2</b>	CHAR	STAT	DFHA24DS	IFTG_WPOOL	8	DIFF	No	Pool name	2
SERVSTATUS	CVDAS	INQ			4	LIKE	Yes	Service status	11
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE								
SERVSTATUS Output valid values	GOINGOUT								
<b>TARGETNAME-1</b>	CHAR	INQ			8	DIFF	No	Target name	1
TOTALLOCTOUT	BINARY	STAT	DFHA24DS	A24TIOUT	4	AVG	No	Total number of allocates that timed out	9
TOTALLOCWAIT	BINARY	STAT	DFHA24DS	A24TOTWT	4	AVG	No	Total number of allocates that waited	6
USERDATA	CHAR	INQ			64	DIFF	Yes	Target user data	12

## Chapter 235. FEPODEF Resource Table

A CICS Definition that describes a FEPI Pool.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The following actions are supported:

### INSTALL

Install a FEPI Pool Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionFEPIPool

### Length

1432

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3827

<i>Table 524. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No

Table 524. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 525. FEPOODEF FEEDBACK error codes

Value	Code	Description
1	FEPOODEF_INV_DATA	Attribute data invalid
2	FEPOODEF_REC_NOT_FOUND	Requested resource not found
4	FEPOODEF_REC_EXISTS	Resource already exists
5	FEPOODEF_REC_CHANGED	Resource definition already changed
6	FEPOODEF_INV_RESTYPE	Invalid resource type
7	FEPOODEF_INV_VER	Invalid resource version
11	FEPOODEF_NON_MP	Maintenance point CMAS not available
12	FEPOODEF_INV_CONTEXT	Context not found
13	FEPOODEF_INCONSISTENT_SET	Inconsistent set condition
14	FEPOODEF_INV_RESGROUP	Resource group not found
21	FEPOODEF_INV_ACTION	Invalid action
22	FEPOODEF_INV_RECADDR	Invalid record address
23	FEPOODEF_INV_RECLEN	Invalid record length
24	FEPOODEF_DIFF_VERSION	Different version
25	FEPOODEF_EARLY_NAMELIST_END	Early name list end
26	FEPOODEF_INV_NAMELIST	Invalid name list
27	FEPOODEF_INV_NAME	Invalid name
28	FEPOODEF_INV_MINNAME	Invalid minor name
29	FEPOODEF_NOTIFY	Notify
30	FEPOODEF_PARTIAL_INSTALL	Partial install
31	FEPOODEF_NOTHING_INSTALLED	Nothing installed
32	FEPOODEF_NO_TARGETS	No targets
33	FEPOODEF_NO_RELATED	No related systems
34	FEPOODEF_INV_TSCOPE	Invalid target scope
35	FEPOODEF_INV_RSCOPE	Invalid related scope
36	FEPOODEF_INV_USAGE	Invalid usage



Table 525. FEPOODEF FEEDBACK error codes (continued)

Value	Code	Description
37	FEPOODEF_INV_MODE	Invalid mode
38	FEPOODEF_INV_STATECHK	Invalid state check
39	FEPOODEF_INV_FORCEINS	Invalid force install
40	FEPOODEF_INV_NOTIFY	Invalid notify
41	FEPOODEF_INV_OVERTYPE	Invalid over type
42	FEPOODEF_INV_OVRBLOCK	Invalid override block
43	FEPOODEF_INV_ORSTRING	Invalid override string
44	FEPOODEF_INV_STRNGTERM	Invalid string terminator
45	FEPOODEF_INV_EMBEDTERM	Invalid embedded terminator
46	FEPOODEF_INV_ATTRIBUTE	Invalid attribute
47	FEPOODEF_INV_LITERAL	Invalid literal
48	FEPOODEF_INV_ORSTGNA	Invalid override string
49	FEPOODEF_SCOPE_REQUIRED	Scope required
50	FEPOODEF_USAGE_CONFLICT	Usage conflict
51	FEPOODEF_NODEFS_SELECTED	No definitions selected
52	FEPOODEF_MORE_THAN_1_RELSYS	More than one related system
53	FEPOODEF_MISSING_RELSYSID	Missing related system identifier
54	FEPOODEF_SCOPE_CONFLICT	Scope conflict

Table 526. FEPOODEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
ACQSTATUS	CVDAS	CPSM	4	No	LIKE	Pool acquire status	ACQUIRED			17
ACQSTATUS Input/output valid values	ACQUIRED, RELEASED									
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	21
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	23
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	22
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				9
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		20
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				13
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				7
NODELIST	CHAR	CPSM	10 24	No	DIFF	Node list				18

Table 526. FEPODEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
PROPERTYSET	CHAR	CPSM	8	Yes	DIFF	Property set name				15
SERVSTATUS	CVDAS	CPSM	4	No	LIKE	Pool service status	INSERVICE			16
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE									
TARGETLIST	CHAR	CPSM	256	No	DIFF	Target region list				19
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				10
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				12

## Chapter 236. FEPRODEF Resource Table

A CICS Definition that describes a FEPI Property Set.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The following actions are supported:

### INSTALL

Install a FEPI Property Set Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionFEPIPropertySet

### Length

200

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3830

<i>Table 527. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No

Table 527. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Table 528. FEPRODEF FEEDBACK error codes

Value	Code	Description
1	FEPRODEF_INV_DATA	Attribute data invalid
2	FEPRODEF_REC_NOT_FOUND	Requested resource not found
4	FEPRODEF_REC_EXISTS	Resource already exists
5	FEPRODEF_REC_CHANGED	Resource definition already changed
6	FEPRODEF_INV_RESTYPE	Invalid resource type
7	FEPRODEF_INV_VER	Invalid resource version
11	FEPRODEF_NON_MP	Maintenance point CMAS not available
12	FEPRODEF_INV_CONTEXT	Context not found
13	FEPRODEF_INCONSISTENT_SET	Inconsistent set condition
14	FEPRODEF_INV_RESGROUP	Resource group not found
21	FEPRODEF_INV_ACTION	Invalid action
22	FEPRODEF_INV_RECADDR	Invalid record address
23	FEPRODEF_INV_RECLEN	Invalid record length
24	FEPRODEF_DIFF_VERSION	Different version
25	FEPRODEF_EARLY_NAMELIST_END	Early name list end
26	FEPRODEF_INV_NAMELIST	Invalid name list
27	FEPRODEF_INV_NAME	Invalid name
28	FEPRODEF_INV_MINNAME	Invalid minor name
29	FEPRODEF_NOTIFY	Notify
30	FEPRODEF_PARTIAL_INSTALL	Partial install
31	FEPRODEF_NOTHING_INSTALLED	Nothing installed
32	FEPRODEF_NO_TARGETS	No targets
33	FEPRODEF_NO_RELATED	No related systems
34	FEPRODEF_INV_TSCOPE	Invalid target scope
35	FEPRODEF_INV_RSCOPE	Invalid related scope
36	FEPRODEF_INV_USAGE	Invalid usage

Table 528. FEPRODEF FEEDBACK error codes (continued)

Value	Code	Description
37	FEPRODEF_INV_MODE	Invalid mode
38	FEPRODEF_INV_STATECHK	Invalid state check
39	FEPRODEF_INV_FORCEINS	Invalid force install
40	FEPRODEF_INV_NOTIFY	Invalid notify
41	FEPRODEF_INV_OVERTYPE	Invalid over type
42	FEPRODEF_INV_OVRBLOCK	Invalid override block
43	FEPRODEF_INV_ORSTRING	Invalid override string
44	FEPRODEF_INV_STRNGTERM	Invalid string terminator
45	FEPRODEF_INV_EMBEDTERM	Invalid embedded terminator
46	FEPRODEF_INV_ATTRIBUTE	Invalid attribute
47	FEPRODEF_INV_LITERAL	Invalid literal
48	FEPRODEF_INV_ORSTGNA	Invalid override string
49	FEPRODEF_SCOPE_REQUIRED	Scope required
50	FEPRODEF_USAGE_CONFLICT	Usage conflict
51	FEPRODEF_NODEFS_SELECTED	No definitions selected
52	FEPRODEF_MORE_THAN_1_RELSYS	More than one related system
53	FEPRODEF_MISSING_RELSYSID	Missing related system identifier
54	FEPRODEF_SCOPE_CONFLICT	Scope conflict

Table 529. FEPRODEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
BEGINSESSION	CHAR	CPSM	4	No	DIFF	Begin-session transaction				15
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	30
CHANGEAGENT Input/ output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	32
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	31
CONTENTION	CVDAS	CPSM	4	No	LIKE	Contention resolution result	LOSE			16
CONTENTION Input/ output valid values	LOSE, WIN									
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				9
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		29
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				13
DEVICE	CVDAS	CPSM	4	No	LIKE	Device type	T3278M2			17

Table 529. FEPRODEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
DEVICE Input/output valid values	T3278M2, T3278M3, T3278M4, T3278M5, T3279M2, T3279M3, T3279M4, T3279M5, TPS55M2, TPS55M3, TPS55M4, LUP									
ENDSESSION	CHAR	CPSM	4	No	DIFF	End-session transaction				18
EXCEPTIONQ	CHAR	CPSM	4	No	DIFF	TDQ queue holding exceptions				19
FJOURNALNAME	CHAR	CPSM	8	No	DIFF	Journal name				28
FJOURNALNUM	CHAR	CPSM	4	No	DIFF	Journal number	0	0-99		20
FORMAT	CVDAS	CPSM	4	No	LIKE	Data format	FORMATTED			21
FORMAT Input/output valid values	FORMATTED, DATASTREAM, NOTAPPLIC									
INITIALDATA	CVDAS	CPSM	4	No	LIKE	Initial-inbound-data option	NOTINBOUND			22
INITIALDATA Input/output valid values	INBOUND, NOTINBOUND									
MAXFLENGTH	CHAR	CPSM	8	No	DIFF	Maximum length of returned data	4096	128-1048576		23
MSGJRNL	CVDAS	CPSM	4	No	LIKE	Journal status	NOMSGJRNL			24
MSGJRNL Input/output valid values	NOMSGJRNL, INPUT, OUTPUT, INOUT									
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				7
STSN	CHAR	CPSM	4	No	DIFF	Set and test sequence numbers (STSN) transaction				25
UNSOLDATA	CHAR	CPSM	4	No	DIFF	Unsolicited data transaction				26
UNSOLDATAACK	CVDAS	CPSM	4	No	LIKE	Unsolicited data response	NEGATIVE			27
UNSOLDATAACK Input/output valid values	NEGATIVE, POSITIVE, NOTAPPLIC									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				10
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				12

## Chapter 237. FETRGDEF Resource Table

A CICS Definition that describes a FEPI Target.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The following actions are supported:

### INSTALL

Install a FEPI Target Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionFEPITarget

### Length

1160

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3828

<i>Table 530. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No

Operations	Actions	Parameters	Required
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes

Value	Code	Description
1	FETRGDEF_INV_DATA	Attribute data invalid
2	FETRGDEF_REC_NOT_FOUND	Requested resource not found
4	FETRGDEF_REC_EXISTS	Resource already exists
5	FETRGDEF_REC_CHANGED	Resource definition already changed
6	FETRGDEF_INV_RESTYPE	Invalid resource type
7	FETRGDEF_INV_VER	Invalid resource version
11	FETRGDEF_NON_MP	Maintenance point CMAS not available
12	FETRGDEF_INV_CONTEXT	Context not found
13	FETRGDEF_INCONSISTENT_SET	Inconsistent set condition
14	FETRGDEF_INV_RESGROUP	Resource group not found
21	FETRGDEF_INV_ACTION	Invalid action
22	FETRGDEF_INV_RECADDR	Invalid record address
23	FETRGDEF_INV_RECLEN	Invalid record length
24	FETRGDEF_DIFF_VERSION	Different version
25	FETRGDEF_EARLY_NAMELIST_END	Early name list end
26	FETRGDEF_INV_NAMELIST	Invalid name list
27	FETRGDEF_INV_NAME	Invalid name
28	FETRGDEF_INV_MINNAME	Invalid minor name
29	FETRGDEF_NOTIFY	Notify
30	FETRGDEF_PARTIAL_INSTALL	Partial install
31	FETRGDEF_NOTHING_INSTALLED	Nothing installed
32	FETRGDEF_NO_TARGETS	No targets
33	FETRGDEF_NO_RELATED	No related systems
34	FETRGDEF_INV_TSCOPE	Invalid target scope
35	FETRGDEF_INV_RSCOPE	Invalid related scope
36	FETRGDEF_INV_USAGE	Invalid usage



Table 531. FETRGDEF FEEDBACK error codes (continued)

Value	Code	Description
37	FETRGDEF_INV_MODE	Invalid mode
38	FETRGDEF_INV_STATECHK	Invalid state check
39	FETRGDEF_INV_FORCEINS	Invalid force install
40	FETRGDEF_INV_NOTIFY	Invalid notify
41	FETRGDEF_INV_OVERTYPE	Invalid over type
42	FETRGDEF_INV_OVRBLOCK	Invalid override block
43	FETRGDEF_INV_ORSTRING	Invalid override string
44	FETRGDEF_INV_STRNGTERM	Invalid string terminator
45	FETRGDEF_INV_EMBEDTERM	Invalid embedded terminator
46	FETRGDEF_INV_ATTRIBUTE	Invalid attribute
47	FETRGDEF_INV_LITERAL	Invalid literal
48	FETRGDEF_INV_ORSTGNA	Invalid override string
49	FETRGDEF_SCOPE_REQUIRED	Scope required
50	FETRGDEF_USAGE_CONFLICT	Usage conflict
51	FETRGDEF_NODEFS_SELECTED	No definitions selected
52	FETRGDEF_MORE_THAN_1_RELSYS	More than one related system
53	FETRGDEF_MISSING_RELSYSID	Missing related system identifier
54	FETRGDEF_SCOPE_CONFLICT	Scope conflict

Table 532. FETRGDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
APPLLIST	CHAR	CPSM	51 2	No	DIFF	VTAM application IDs of back end systems				16
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	19
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	21
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	20
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				9
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		18
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				13
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				7
SERVSTATUS	CVDAS	CPSM	4	No	LIKE	Service status	INSERVICE			15
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE									

Table 532. FETRGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
TARGETLIST	CHAR	CPSM	512	No	DIFF	Target list				17
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				10
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				12

## Chapter 238. FILEDEF Resource Table

A CICS Definition that describes the physical and operational characteristics of a file.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a File Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionFile

### Length

440

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3801

<i>Table 533. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL, REMOTE)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Value	Code	Description
1	FILEDEF_INV_DATA	Attribute data invalid
2	FILEDEF_REC_NOT_FOUND	Requested resource not found
4	FILEDEF_REC_EXISTS	Resource already exists
5	FILEDEF_REC_CHANGED	Resource definition already changed
6	FILEDEF_INV_RESTYPE	Invalid resource type
7	FILEDEF_INV_VER	Invalid resource version
11	FILEDEF_NON_MP	Maintenance point CMAS not available
12	FILEDEF_INV_CONTEXT	Context not found
13	FILEDEF_INCONSISTENT_SET	Inconsistent set condition
14	FILEDEF_INV_RESGROUP	Resource group not found
21	FILEDEF_INV_ACTION	Invalid action
22	FILEDEF_INV_RECADDR	Invalid record address
23	FILEDEF_INV_RECLLEN	Invalid record length
24	FILEDEF_DIFF_VERSION	Different version
25	FILEDEF_EARLY_NAMELIST_END	Early name list end
26	FILEDEF_INV_NAMELIST	Invalid name list
27	FILEDEF_INV_NAME	Invalid name
28	FILEDEF_INV_MINNAME	Invalid minor name

Table 534. FILEDEF FEEDBACK error codes (continued)

Value	Code	Description
29	FILEDEF_NOTIFY	Notify
30	FILEDEF_PARTIAL_INSTALL	Partial install
31	FILEDEF_NOTHING_INSTALLED	Nothing installed
32	FILEDEF_NO_TARGETS	No targets
33	FILEDEF_NO_RELATED	No related systems
34	FILEDEF_INV_TSCOPE	Invalid target scope
35	FILEDEF_INV_RSCOPE	Invalid related scope
36	FILEDEF_INV_USAGE	Invalid usage
37	FILEDEF_INV_MODE	Invalid mode
38	FILEDEF_INV_STATECHK	Invalid state check
39	FILEDEF_INV_FORCEINS	Invalid force install
40	FILEDEF_INV_NOTIFY	Invalid notify
41	FILEDEF_INV_OVERTYPE	Invalid override type
42	FILEDEF_INV_OVRBLOCK	Invalid override block
43	FILEDEF_INV_ORSTRING	Invalid override string
44	FILEDEF_INV_STRNGTERM	Invalid string term
45	FILEDEF_INV_EMBEDTERM	Invalid embedded terminator
46	FILEDEF_INV_ATTRIBUTE	Invalid attribute
47	FILEDEF_INV_LITERAL	Invalid literal
48	FILEDEF_INV_ORSTGNA	Invalid override string
49	FILEDEF_SCOPE_REQUIRED	Scope required
50	FILEDEF_USAGE_CONFLICT	Usage conflict
51	FILEDEF_NODEFS_SELECTED	No definitions selected
52	FILEDEF_MORE_THAN_1_RELSYS	More than one related system
53	FILEDEF_MISSING_RELSYSID	Missing related system identifier
54	FILEDEF_SCOPE_CONFLICT	Scope conflict
55	FILEDEF_INV_CSDGROUP	Invalid CSD group
56	FILEDEF_REC_NOT_REMOVED	Record not removed
57	FILEDEF_INV_RESOURCE	Invalid resource
58	FILEDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	FILEDEF_PARTIAL_ACTION	Partial action
60	FILEDEF_NOTHING_ACTIONED	Nothing actioned
61	FILEDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 534. FILEDEF FEEDBACK error codes (continued)

Value	Code	Description
62	FILEDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	FILEDEF_CSD_ERROR	CSD access error

Table 535. FILEDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
ACCESSMETH	CVDAS	CPSM	4	Yes	LIKE	File access method	VSAM		E330+	47
ACCESSMETH Input/output valid values	ESDS, KSDS, RRDS, KEYED, BDAM, VSAM, NOTAPPLIC									
ADD	EYUDA	CPSM	4	Yes	LIKE	Add option	NO			8
ADD Input/output valid values	YES, NO									
BACKUPTYPE	CVDAS	CPSM	4	Yes	LIKE	CICS VSAM file backup type	STATIC			13
BACKUPTYPE Input/output valid values	STATIC, DYNAMIC									
BASENAME	CHAR	CPSM	8	No	DIFF	Base data set name			E330+	43
BROWSE	EYUDA	CPSM	4	Yes	LIKE	Browse option	NO			9
BROWSE Input/output valid values	YES, NO									
CATNAME	CHAR	CPSM	7	No	DIFF	VSAM catalog name			EALL	70
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	74
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	76
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	75
CNTLINTRVAL	CHAR	CPSM	4	No	DIFF	Control interval size		512-4096	EALL	45
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				52
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	78
DATABUFFERS	CHAR	CPSM	8	No	DIFF	Number of data buffers	2	2-32767		14
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DELETE	EYUDA	CPSM	4	Yes	LIKE	Delete option	NO			10
DELETE Input/output valid values	YES, NO									
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		73
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				56
DISPOSITION	CVDAS	CPSM	4	Yes	LIKE	Disposition of file	SHARE			15
DISPOSITION Input/output valid values	SHARE, OLD									
DSNAME	CHAR	CPSM	44	No	DIFF	Data set name				51

Table 535. FILEDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
DSNSHARING	EYUDA	CPSM	4	Yes	LIKE	VSAM data set name sharing	ALLREQS			16
DSNSHARING Input/output valid values	ALLREQS, MODIFYREQS									
EXTFILEMGR	CHAR	CPSM	4	No	DIFF	Use external file manager	N		EALL	63
EXTFILEMGR Input/output valid values	N, Y									
FILEACCESS	CHAR	CPSM	1	No	DIFF	Access method	R		EALL	60
FILEACCESS Input/output valid values	O, R, U									
FILEENABLED	CHAR	CPSM	1	No	DIFF	File enabled status	Y		EALL	58
FILEENABLED Input/output valid values	N, Y, U									
FILEOPEN	CHAR	CPSM	1	No	DIFF	File open status	Y		EALL	57
FILEOPEN Input/output valid values	N, Y									
FILETYPE	CHAR	CPSM	1	No	DIFF	Data set type	K		EALL	59
FILETYPE Input/output valid values	A, E, K, R									
FSEGDEFNAME	CHAR	CPSM	8	No	DIFF	File segment definition name			EALL	64
FSEGDEFVER	CHAR	CPSM	2	No	DIFF	File segment definition version		1-15	EALL	65
FWDRECOVLOG	CHAR	CPSM	4	No	DIFF	Journal number used for forward recovery	NO	1-99		17
FWDRECOVLOG Input/output valid values	NO									
INDEXBUFFERS	CHAR	CPSM	8	No	DIFF	Number of index buffers	1	1-32767		18
JNLADD	EYUDA	CPSM	4	Yes	LIKE	Add operations recorded on journal	NONE			19
JNLADD Input/output valid values	NONE, AFTER, ALL, BEFORE									
JNLREAD	EYUDA	CPSM	4	Yes	LIKE	Read operations recorded on journal	NONE			20
JNLREAD Input/output valid values	NONE, ALL, READONLY, UPDATEONLY									
JNLSYNCREAD	EYUDA	CPSM	4	Yes	LIKE	Synchronous auto journaling for input	NO			21
JNLSYNCREAD Input/output valid values	YES, NO									
JNLSYNCWRITE	EYUDA	CPSM	4	Yes	LIKE	Synchronous auto journaling for output	YES			22
JNLSYNCWRITE Input/output valid values	YES, NO									
JNLUPDATE	EYUDA	CPSM	4	Yes	LIKE	Rewrite/delete operations recorded on journal	NO			23
JNLUPDATE Input/output valid values	YES, NO									
JOURNAL	CHAR	CPSM	4	No	DIFF	Journal number	NO	1-99		25
JOURNAL Input/output valid values	NO									
KEYLENGTH	CHAR	CPSM	4	No	DIFF	Key length		1-255		26

Table 535. FILEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
KEYNUMBER	CHAR	CPSM	2	No	DIFF	Key number		1-99	EALL	62
LOADTYPE	EYUDA	CPSM	4	No	LIKE	Load type	NO			69
LOADTYPE Input/output valid values	YES, NO									
LOG	EYUDA	CPSM	4	Yes	LIKE	Automatic logging	NO		E330+	50
LOG Input/output valid values	YES, NO									
LSRPOOLID	CHAR	CPSM	4	No	DIFF	LSR Pool number	1	1-255		27
LSRPOOLID Input/output valid values	NONE									
MAXNUMRECS	CHAR	CPSM	8	No	DIFF	Maximum number of records in data table	NOLIMIT	1-99999999		28
MAXNUMRECS Input/output valid values	NOLIMIT									
MAXRECORDLEN	CHAR	CPSM	6	No	DIFF	Maximum record length		1-32767	EALL	61
MINRECORDLEN	CHAR	CPSM	4	No	DIFF	Minimum record length		1-4090	EALL	44
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				7
NSRGROUP	CHAR	CPSM	8	No	DIFF	Non-shared resources (NSR) group name				29
OPENTIME	EYUDA	CPSM	4	Yes	LIKE	File open time	FIRSTREF			30
OPENTIME Input/output valid values	FIRSTREF, STARTUP									
PASSWORD	HIDCHAR	CPSM	8	No	DIFF	User access password				31
POOLNAME	CHAR	CPSM	8	No	DIFF	Coupling facility data table (CFDT) pool name				66
READ	EYUDA	CPSM	4	Yes	LIKE	Read option	YES			11
READ Input/output valid values	YES, NO									
READINTEG	CVDAS	CPSM	4	Yes	LIKE	Default level of read integrity	UNCOMMITTED			32
READINTEG Input/output valid values	UNCOMMITTED, CONSISTENT, REPEATABLE									
RECORDFORMAT	CVDAS	CPSM	4	Yes	LIKE	Record format	VARIABLE			33
RECORDFORMAT Input/output valid values	VARIABLE, FIXED									
RECORDSIZE	CHAR	CPSM	8	No	DIFF	Record size		1-32767		34
RECOVERY	EYUDA	CPSM	4	Yes	LIKE	Type of recovery	NONE			35
RECOVERY Input/output valid values	NONE, ALL, BACKOUTONLY									
REMOTENAME	CHAR	CPSM	8	No	DIFF	Remote file name				36
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	Remote system name				37
RLSACCESS	EYUDA	CPSM	4	Yes	LIKE	Record level sharing (RLS) file access mode	NO			38
RLSACCESS Input/output valid values	YES, NO									
RSL	CHAR	CPSM	8	No	DIFF	Resource security value	0	0-24	E330+	46
RSL Input/output valid values	PUBLIC									



Table 535. FILEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
SHR4ACCESS	EYUDA	CPSM	4	No	LIKE	VSAM share access	KEY		EALL	72
SHR4ACCESS Input/output valid values	KEY, RBA									
STATUS	CVDAS	CPSM	4	Yes	LIKE	Initial status	ENABLED			39
STATUS Input/output valid values	ENABLED, DISABLED, UNENABLED									
STRINGS	CHAR	CPSM	4	No	DIFF	Maximum concurrent requests against file	1	1-255		40
TABLE	EYUDA	CPSM	4	Yes	LIKE	Data table type	NO			41
TABLE Input/output valid values	NO, CICS, USER, CF									
TABlename	CHAR	CPSM	8	No	DIFF	Table name				67
UPDATE	EYUDA	CPSM	4	Yes	LIKE	Update option	NO			12
UPDATE Input/output valid values	YES, NO									
UPdatEMODEL	CVDAS	CPSM	4	No	LIKE	Update model	LOCKING			68
UPdatEMODEL Input/output valid values	LOCKING, CONTENTION									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				53
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				54
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				55



## Chapter 239. FILINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a file definition (FILEDEF) in a resource group (RESGROUP). A FILEDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is FILEGROUP.

The **Secondary** key field for this resource class is FILENAME.

The **Tertiary** key field for this resource class is FILEEVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6146

<i>Table 536. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 537. FILINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	FILINGRP_INV_DATA	Attribute data invalid
2	FILINGRP_REC_NOT_FOUND	Requested resource not found
4	FILINGRP_REC_EXISTS	Resource already exists
6	FILINGRP_INV_RESTYPE	Invalid resource type
7	FILINGRP_INV_VER	Invalid resource version
11	FILINGRP_NON_MP	Maintenance point CMAS not available
12	FILINGRP_INV_CONTEXT	Context not found

Table 537. *FILINGRP FEEDBACK* error codes (continued)

Value	Code	Description
21	FILINGRP_INCONSISTENT_SET	Inconsistent set
22	FILINGRP_DIFF_VERSION	Different version
23	FILINGRP_INV_NAME	Invalid name
24	FILINGRP_INV_MINNAME	Invalid minor name

Table 538. *FILINGRP* resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>FILEGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>FILENAME-2</b>	CHAR	CPSM	8	Yes	DIFF	File definition name	6
<b>FILEVER-3</b>	BINARY	CPSM	1	Yes	AVG	File definition version	7

## Chapter 240. FNOINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a FEPI Node definition (FENODDEF) in a resource group (RESGROUP). A FENODDEF can be a member of multiple RESGROUPS.

The **Primary** key field for this resource class is FNOGROUP.

The **Secondary** key field for this resource class is FNONAME.

The **Tertiary** key field for this resource class is FNOVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6174

<i>Table 539. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 540. FNOINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	FNOINGRP_INV_DATA	Attribute data invalid
2	FNOINGRP_REC_NOT_FOUND	Requested resource not found
4	FNOINGRP_REC_EXISTS	Resource already exists
6	FNOINGRP_INV_RESTYPE	Invalid resource type
7	FNOINGRP_INV_VER	Invalid resource version
11	FNOINGRP_NON_MP	Maintenance point CMAS not available
12	FNOINGRP_INV_CONTEXT	Context not found

Table 540. FNOINGRP FEEDBACK error codes (continued)

Value	Code	Description
21	FNOINGRP_INCONSISTENT_SET	Inconsistent set
22	FNOINGRP_DIFF_VERSION	Different version
23	FNOINGRP_INV_NAME	Invalid name
24	FNOINGRP_INV_MINNAME	Invalid minor name

Table 541. FNOINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>FNOGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>FNONAME-2</b>	CHAR	CPSM	8	Yes	DIFF	FEPI node definition name	6
<b>FNOVER-3</b>	BINARY	CPSM	1	Yes	AVG	FEPI node definition version	7

## Chapter 241. FPOINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a FEPI Pool definition (FEPOODEF) in a resource group (RESGROUP). A FEPOODEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is FPOGROUP.

The **Secondary** key field for this resource class is FPONAME.

The **Tertiary** key field for this resource class is FPOVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6172

<i>Table 542. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 543. FPOINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	FPOINGRP_INV_DATA	Attribute data invalid
2	FPOINGRP_REC_NOT_FOUND	Requested resource not found
4	FPOINGRP_REC_EXISTS	Resource already exists
6	FPOINGRP_INV_RESTYPE	Invalid resource type
7	FPOINGRP_INV_VER	Invalid resource version
11	FPOINGRP_NON_MP	Maintenance point CMAS not available
12	FPOINGRP_INV_CONTEXT	Context not found

Table 543. FPOINGRP FEEDBACK error codes (continued)

Value	Code	Description
21	FPOINGRP_INCONSISTENT_SET	Inconsistent set
22	FPOINGRP_DIFF_VERSION	Different version
23	FPOINGRP_INV_NAME	Invalid name
24	FPOINGRP_INV_MINNAME	Invalid minor name

Table 544. FPOINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>FPOGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>FPONAME-2</b>	CHAR	CPSM	8	Yes	DIFF	FEPI pool definition name	6
<b>FPOVER-3</b>	BINARY	CPSM	1	Yes	AVG	FEPI pool definition version	7



## Chapter 242. FPRINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a FEPI Property Set definition (FEPRODEF) in a resource group (RESGROUP). A FEPRODEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is FPRGROUP.

The **Secondary** key field for this resource class is FPRNAME.

The **Tertiary** key field for this resource class is FPRVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6175

<i>Table 545. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 546. FPRINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	FPRINGRP_INV_DATA	Attribute data invalid
2	FPRINGRP_REC_NOT_FOUND	Requested resource not found
4	FPRINGRP_REC_EXISTS	Resource already exists
6	FPRINGRP_INV_RESTYPE	Invalid resource type
7	FPRINGRP_INV_VER	Invalid resource version
11	FPRINGRP_NON_MP	Maintenance point CMAS not available

Table 546. FPRINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	FPRINGRP_INV_CONTEXT	Context not found
21	FPRINGRP_INCONSISTENT_SET	Inconsistent set
22	FPRINGRP_DIFF_VERSION	Different version
23	FPRINGRP_INV_NAME	Invalid name
24	FPRINGRP_INV_MINNAME	Invalid minor name

Table 547. FPRINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>FPRGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>FPRNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	FEPI property set definition name	6
<b>FPRVER-3</b>	BINARY	CPSM	1	Yes	AVG	FEPI property set definition version	7

## Chapter 243. FSEGDEF Resource Table

A CICS Definition that describes the key segments associated with a CICS for OS/2 file.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DFVER.

**External resource name**

**Length**

568

**Usage**

API or Batch Utility or WUI

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICS Definition

**Copybook identifier**

EYUt3820

<i>Table 548. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDTGRP	RESGROUP(value)	Yes

<i>Table 549. FSEGDEF FEEDBACK error codes</i>		
<b>Value</b>	<b>Code</b>	<b>Description</b>
1	FSEGDEF_INV_DATA	Attribute data invalid
2	FSEGDEF_REC_NOT_FOUND	Requested resource not found
4	FSEGDEF_REC_EXISTS	Resource already exists
5	FSEGDEF_REC_CHANGED	Resource definition already changed
6	FSEGDEF_INV_RESTYPE	Invalid resource type

Table 549. FSEGDEF FEEDBACK error codes (continued)

Value	Code	Description
7	FSEGDEF_INV_VER	Invalid resource version
11	FSEGDEF_NON_MP	Maintenance point CMAS not available
12	FSEGDEF_INV_CONTEXT	Context not found
13	FSEGDEF_INCONSISTENT_SET	Inconsistent set condition
14	FSEGDEF_INV_RESGROUP	Resource group not found
21	FSEGDEF_INV_ACTION	Invalid action
22	FSEGDEF_INV_RECADDR	Invalid record address
23	FSEGDEF_INV_RECLEN	Invalid record length
24	FSEGDEF_DIFF_VERSION	Different version
25	FSEGDEF_EARLY_NAMELIST_END	Early name list end
26	FSEGDEF_INV_NAMELIST	Invalid name list
27	FSEGDEF_INV_NAME	Invalid name
28	FSEGDEF_INV_MINNAME	Invalid minor name

Table 550. FSEGDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
ALTKEY01	CHAR	CPSM	1	No	DIFF	Key segment 01 uses EBCDIC sort sequence			EALL	15
ALTKEY01 Input/output valid values	N, Y									
ALTKEY02	CHAR	CPSM	1	No	DIFF	Key segment 02 uses EBCDIC sort sequence			EALL	25
ALTKEY02 Input/output valid values	N, Y									
ALTKEY03	CHAR	CPSM	1	No	DIFF	Key segment 03 uses EBCDIC sort sequence			EALL	35
ALTKEY03 Input/output valid values	N, Y									
ALTKEY04	CHAR	CPSM	1	No	DIFF	Key segment 04 uses EBCDIC sort sequence			EALL	45
ALTKEY04 Input/output valid values	N, Y									
ALTKEY05	CHAR	CPSM	1	No	DIFF	Key segment 05 uses EBCDIC sort sequence			EALL	55
ALTKEY05 Input/output valid values	N, Y									
ALTKEY06	CHAR	CPSM	1	No	DIFF	Key segment 06 uses EBCDIC sort sequence			EALL	65
ALTKEY06 Input/output valid values	N, Y									
ALTKEY07	CHAR	CPSM	1	No	DIFF	Key segment 07 uses EBCDIC sort sequence			EALL	75
ALTKEY07 Input/output valid values	N, Y									

Table 550. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
ALTKEY08	CHAR	CPSM	1	No	DIFF	Key segment 08 uses EBCDIC sort sequence			EALL	85
ALTKEY08 Input/output valid values	N, Y									
ALTKEY09	CHAR	CPSM	1	No	DIFF	Key segment 09 uses EBCDIC sort sequence			EALL	95
ALTKEY09 Input/output valid values	N, Y									
ALTKEY10	CHAR	CPSM	1	No	DIFF	Key segment 10 uses EBCDIC sort sequence			EALL	105
ALTKEY10 Input/output valid values	N, Y									
ALTKEY11	CHAR	CPSM	1	No	DIFF	Key segment 11 uses EBCDIC sort sequence			EALL	115
ALTKEY11 Input/output valid values	N, Y									
ALTKEY12	CHAR	CPSM	1	No	DIFF	Key segment 12 uses EBCDIC sort sequence			EALL	125
ALTKEY12 Input/output valid values	N, Y									
ALTKEY13	CHAR	CPSM	1	No	DIFF	Key segment 13 uses EBCDIC sort sequence			EALL	135
ALTKEY13 Input/output valid values	N, Y									
ALTKEY14	CHAR	CPSM	1	No	DIFF	Key segment 14 uses EBCDIC sort sequence			EALL	145
ALTKEY14 Input/output valid values	N, Y									
ALTKEY15	CHAR	CPSM	1	No	DIFF	Key segment 15 uses EBCDIC sort sequence			EALL	155
ALTKEY15 Input/output valid values	N, Y									
ALTKEY16	CHAR	CPSM	1	No	DIFF	Key segment 16 uses EBCDIC sort sequence			EALL	165
ALTKEY16 Input/output valid values	N, Y									
ALTKEY17	CHAR	CPSM	1	No	DIFF	Key segment 17 uses EBCDIC sort sequence			EALL	175
ALTKEY17 Input/output valid values	N, Y									
ALTKEY18	CHAR	CPSM	1	No	DIFF	Key segment 18 uses EBCDIC sort sequence			EALL	185
ALTKEY18 Input/output valid values	N, Y									
ALTKEY19	CHAR	CPSM	1	No	DIFF	Key segment 19 uses EBCDIC sort sequence			EALL	195
ALTKEY19 Input/output valid values	N, Y									
ALTKEY20	CHAR	CPSM	1	No	DIFF	Key segment 20 uses EBCDIC sort sequence			EALL	205
ALTKEY20 Input/output valid values	N, Y									
ALTKEY21	CHAR	CPSM	1	No	DIFF	Key segment 21 uses EBCDIC sort sequence			EALL	215

Table 550. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
ALTKEY21 Input/output valid values	N, Y									
ALTKEY22	CHAR	CPSM	1	No	DIFF	Key segment 22 uses EBCDIC sort sequence			EALL	225
ALTKEY22 Input/output valid values	N, Y									
ALTKEY23	CHAR	CPSM	1	No	DIFF	Key segment 23 uses EBCDIC sort sequence			EALL	235
ALTKEY23 Input/output valid values	N, Y									
ALTKEY24	CHAR	CPSM	1	No	DIFF	Key segment 24 uses EBCDIC sort sequence			EALL	245
ALTKEY24 Input/output valid values	N, Y									
BINKEY01	CHAR	CPSM	1	No	DIFF	Key segment 01 is binary			EALL	12
BINKEY01 Input/output valid values	N, Y									
BINKEY02	CHAR	CPSM	1	No	DIFF	Key segment 02 is binary			EALL	22
BINKEY02 Input/output valid values	N, Y									
BINKEY03	CHAR	CPSM	1	No	DIFF	Key segment 03 is binary			EALL	32
BINKEY03 Input/output valid values	N, Y									
BINKEY04	CHAR	CPSM	1	No	DIFF	Key segment 04 is binary			EALL	42
BINKEY04 Input/output valid values	N, Y									
BINKEY05	CHAR	CPSM	1	No	DIFF	Key segment 05 is binary			EALL	52
BINKEY05 Input/output valid values	N, Y									
BINKEY06	CHAR	CPSM	1	No	DIFF	Key segment 06 is binary			EALL	62
BINKEY06 Input/output valid values	N, Y									
BINKEY07	CHAR	CPSM	1	No	DIFF	Key segment 07 is binary			EALL	72
BINKEY07 Input/output valid values	N, Y									
BINKEY08	CHAR	CPSM	1	No	DIFF	Key segment 08 is binary			EALL	82
BINKEY08 Input/output valid values	N, Y									
BINKEY09	CHAR	CPSM	1	No	DIFF	Key segment 09 is binary			EALL	92
BINKEY09 Input/output valid values	N, Y									
BINKEY10	CHAR	CPSM	1	No	DIFF	Key segment 10 is binary			EALL	102
BINKEY10 Input/output valid values	N, Y									
BINKEY11	CHAR	CPSM	1	No	DIFF	Key segment 11 is binary			EALL	112
BINKEY11 Input/output valid values	N, Y									
BINKEY12	CHAR	CPSM	1	No	DIFF	Key segment 12 is binary			EALL	122
BINKEY12 Input/output valid values	N, Y									

Table 550. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
BINKEY13	CHAR	CPSM	1	No	DIFF	Key segment 13 is binary			EALL	132
BINKEY13 Input/output valid values	N, Y									
BINKEY14	CHAR	CPSM	1	No	DIFF	Key segment 14 is binary			EALL	142
BINKEY14 Input/output valid values	N, Y									
BINKEY15	CHAR	CPSM	1	No	DIFF	Key segment 15 is binary			EALL	152
BINKEY15 Input/output valid values	N, Y									
BINKEY16	CHAR	CPSM	1	No	DIFF	Key segment 16 is binary			EALL	162
BINKEY16 Input/output valid values	N, Y									
BINKEY17	CHAR	CPSM	1	No	DIFF	Key segment 17 is binary			EALL	172
BINKEY17 Input/output valid values	N, Y									
BINKEY18	CHAR	CPSM	1	No	DIFF	Key segment 18 is binary			EALL	182
BINKEY18 Input/output valid values	N, Y									
BINKEY19	CHAR	CPSM	1	No	DIFF	Key segment 19 is binary			EALL	192
BINKEY19 Input/output valid values	N, Y									
BINKEY20	CHAR	CPSM	1	No	DIFF	Key segment 20 is binary			EALL	202
BINKEY20 Input/output valid values	N, Y									
BINKEY21	CHAR	CPSM	1	No	DIFF	Key segment 21 is binary			EALL	212
BINKEY21 Input/output valid values	N, Y									
BINKEY22	CHAR	CPSM	1	No	DIFF	Key segment 22 is binary			EALL	222
BINKEY22 Input/output valid values	N, Y									
BINKEY23	CHAR	CPSM	1	No	DIFF	Key segment 23 is binary			EALL	232
BINKEY23 Input/output valid values	N, Y									
BINKEY24	CHAR	CPSM	1	No	DIFF	Key segment 24 is binary			EALL	242
BINKEY24 Input/output valid values	N, Y									
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	254
CHANGEAGENT Input/output valid values	DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	256
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	255
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Definition create time				248
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		253
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Definition description				252

Table 550. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
DUPKEY01	CHAR	CPSM	1	No	DIFF	Key segment 01 allows duplicate keys			EALL	10
DUPKEY01 Input/output valid values	N, Y									
DUPKEY02	CHAR	CPSM	1	No	DIFF	Key segment 02 allows duplicate keys			EALL	20
DUPKEY02 Input/output valid values	N, Y									
DUPKEY03	CHAR	CPSM	1	No	DIFF	Key segment 03 allows duplicate keys			EALL	30
DUPKEY03 Input/output valid values	N, Y									
DUPKEY04	CHAR	CPSM	1	No	DIFF	Key segment 04 allows duplicate keys			EALL	40
DUPKEY04 Input/output valid values	N, Y									
DUPKEY05	CHAR	CPSM	1	No	DIFF	Key segment 05 allows duplicate keys			EALL	50
DUPKEY05 Input/output valid values	N, Y									
DUPKEY06	CHAR	CPSM	1	No	DIFF	Key segment 06 allows duplicate keys			EALL	60
DUPKEY06 Input/output valid values	N, Y									
DUPKEY07	CHAR	CPSM	1	No	DIFF	Key segment 07 allows duplicate keys			EALL	70
DUPKEY07 Input/output valid values	N, Y									
DUPKEY08	CHAR	CPSM	1	No	DIFF	Key segment 08 allows duplicate keys			EALL	80
DUPKEY08 Input/output valid values	N, Y									
DUPKEY09	CHAR	CPSM	1	No	DIFF	Key segment 09 allows duplicate keys			EALL	90
DUPKEY09 Input/output valid values	N, Y									
DUPKEY10	CHAR	CPSM	1	No	DIFF	Key segment 10 allows duplicate keys			EALL	100
DUPKEY10 Input/output valid values	N, Y									
DUPKEY11	CHAR	CPSM	1	No	DIFF	Key segment 11 allows duplicate keys			EALL	110
DUPKEY11 Input/output valid values	N, Y									
DUPKEY12	CHAR	CPSM	1	No	DIFF	Key segment 12 allows duplicate keys			EALL	120
DUPKEY12 Input/output valid values	N, Y									
DUPKEY13	CHAR	CPSM	1	No	DIFF	Key segment 13 allows duplicate keys			EALL	130
DUPKEY13 Input/output valid values	N, Y									
DUPKEY14	CHAR	CPSM	1	No	DIFF	Key segment 14 allows duplicate keys			EALL	140



Table 550. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
DUPKEY14 Input/output valid values	N, Y									
DUPKEY15	CHAR	CPSM	1	No	DIFF	Key segment 15 allows duplicate keys			EALL	150
DUPKEY15 Input/output valid values	N, Y									
DUPKEY16	CHAR	CPSM	1	No	DIFF	Key segment 16 allows duplicate keys			EALL	160
DUPKEY16 Input/output valid values	N, Y									
DUPKEY17	CHAR	CPSM	1	No	DIFF	Key segment 17 allows duplicate keys			EALL	170
DUPKEY17 Input/output valid values	N, Y									
DUPKEY18	CHAR	CPSM	1	No	DIFF	Key segment 18 allows duplicate keys			EALL	180
DUPKEY18 Input/output valid values	N, Y									
DUPKEY19	CHAR	CPSM	1	No	DIFF	Key segment 19 allows duplicate keys			EALL	190
DUPKEY19 Input/output valid values	N, Y									
DUPKEY20	CHAR	CPSM	1	No	DIFF	Key segment 20 allows duplicate keys			EALL	200
DUPKEY20 Input/output valid values	N, Y									
DUPKEY21	CHAR	CPSM	1	No	DIFF	Key segment 21 allows duplicate keys			EALL	210
DUPKEY21 Input/output valid values	N, Y									
DUPKEY22	CHAR	CPSM	1	No	DIFF	Key segment 22 allows duplicate keys			EALL	220
DUPKEY22 Input/output valid values	N, Y									
DUPKEY23	CHAR	CPSM	1	No	DIFF	Key segment 23 allows duplicate keys			EALL	230
DUPKEY23 Input/output valid values	N, Y									
DUPKEY24	CHAR	CPSM	1	No	DIFF	Key segment 24 allows duplicate keys			EALL	240
DUPKEY24 Input/output valid values	N, Y									
LENKEY01	CHAR	CPSM	4	No	DIFF	Key segment 01 length		0-999	EALL	9
LENKEY02	CHAR	CPSM	4	No	DIFF	Key segment 02 length		0-999	EALL	19
LENKEY03	CHAR	CPSM	4	No	DIFF	Key segment 03 length		0-999	EALL	29
LENKEY04	CHAR	CPSM	4	No	DIFF	Key segment 04 length		0-999	EALL	39
LENKEY05	CHAR	CPSM	4	No	DIFF	Key segment 05 length		0-999	EALL	49
LENKEY06	CHAR	CPSM	4	No	DIFF	Key segment 06 length		0-999	EALL	59
LENKEY07	CHAR	CPSM	4	No	DIFF	Key segment 07 length		0-999	EALL	69
LENKEY08	CHAR	CPSM	4	No	DIFF	Key segment 08 length		0-999	EALL	79
LENKEY09	CHAR	CPSM	4	No	DIFF	Key segment 09 length		0-999	EALL	89

Table 550. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
LENKEY10	CHAR	CPSM	4	No	DIFF	Key segment 10 length		0-999	EALL	99
LENKEY11	CHAR	CPSM	4	No	DIFF	Key segment 11 length		0-999	EALL	109
LENKEY12	CHAR	CPSM	4	No	DIFF	Key segment 12 length		0-999	EALL	119
LENKEY13	CHAR	CPSM	4	No	DIFF	Key segment 13 length		0-999	EALL	129
LENKEY14	CHAR	CPSM	4	No	DIFF	Key segment 14 length		0-999	EALL	139
LENKEY15	CHAR	CPSM	4	No	DIFF	Key segment 15 length		0-999	EALL	149
LENKEY16	CHAR	CPSM	4	No	DIFF	Key segment 16 length		0-999	EALL	159
LENKEY17	CHAR	CPSM	4	No	DIFF	Key segment 17 length		0-999	EALL	169
LENKEY18	CHAR	CPSM	4	No	DIFF	Key segment 18 length		0-999	EALL	179
LENKEY19	CHAR	CPSM	4	No	DIFF	Key segment 19 length		0-999	EALL	189
LENKEY20	CHAR	CPSM	4	No	DIFF	Key segment 20 length		0-999	EALL	199
LENKEY21	CHAR	CPSM	4	No	DIFF	Key segment 21 length		0-999	EALL	209
LENKEY22	CHAR	CPSM	4	No	DIFF	Key segment 22 length		0-999	EALL	219
LENKEY23	CHAR	CPSM	4	No	DIFF	Key segment 23 length		0-999	EALL	229
LENKEY24	CHAR	CPSM	4	No	DIFF	Key segment 24 length		0-999	EALL	239
MODKEY01	CHAR	CPSM	1	No	DIFF	Key segment 01 modifiable			EALL	11
MODKEY01 Input/output valid values	N, Y									
MODKEY02	CHAR	CPSM	1	No	DIFF	Key segment 02 modifiable			EALL	21
MODKEY02 Input/output valid values	N, Y									
MODKEY03	CHAR	CPSM	1	No	DIFF	Key segment 03 modifiable			EALL	31
MODKEY03 Input/output valid values	N, Y									
MODKEY04	CHAR	CPSM	1	No	DIFF	Key segment 04 modifiable			EALL	41
MODKEY04 Input/output valid values	N, Y									
MODKEY05	CHAR	CPSM	1	No	DIFF	Key segment 05 modifiable			EALL	51
MODKEY05 Input/output valid values	N, Y									
MODKEY06	CHAR	CPSM	1	No	DIFF	Key segment 06 modifiable			EALL	61
MODKEY06 Input/output valid values	N, Y									
MODKEY07	CHAR	CPSM	1	No	DIFF	Key segment 07 modifiable			EALL	71
MODKEY07 Input/output valid values	N, Y									
MODKEY08	CHAR	CPSM	1	No	DIFF	Key segment 08 modifiable			EALL	81
MODKEY08 Input/output valid values	N, Y									
MODKEY09	CHAR	CPSM	1	No	DIFF	Key segment 09 modifiable			EALL	91

Table 550. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
MODKEY09 Input/output valid values	N, Y									
MODKEY10	CHAR	CPSM	1	No	DIFF	Key segment 10 modifiable			EALL	101
MODKEY10 Input/output valid values	N, Y									
MODKEY11	CHAR	CPSM	1	No	DIFF	Key segment 11 modifiable			EALL	111
MODKEY11 Input/output valid values	N, Y									
MODKEY12	CHAR	CPSM	1	No	DIFF	Key segment 12 modifiable			EALL	121
MODKEY12 Input/output valid values	N, Y									
MODKEY13	CHAR	CPSM	1	No	DIFF	Key segment 13 modifiable			EALL	131
MODKEY13 Input/output valid values	N, Y									
MODKEY14	CHAR	CPSM	1	No	DIFF	Key segment 14 modifiable			EALL	141
MODKEY14 Input/output valid values	N, Y									
MODKEY15	CHAR	CPSM	1	No	DIFF	Key segment 15 modifiable			EALL	151
MODKEY15 Input/output valid values	N, Y									
MODKEY16	CHAR	CPSM	1	No	DIFF	Key segment 16 modifiable			EALL	161
MODKEY16 Input/output valid values	N, Y									
MODKEY17	CHAR	CPSM	1	No	DIFF	Key segment 17 modifiable			EALL	171
MODKEY17 Input/output valid values	N, Y									
MODKEY18	CHAR	CPSM	1	No	DIFF	Key segment 18 modifiable			EALL	181
MODKEY18 Input/output valid values	N, Y									
MODKEY19	CHAR	CPSM	1	No	DIFF	Key segment 19 modifiable			EALL	191
MODKEY19 Input/output valid values	N, Y									
MODKEY20	CHAR	CPSM	1	No	DIFF	Key segment 20 modifiable			EALL	201
MODKEY20 Input/output valid values	N, Y									
MODKEY21	CHAR	CPSM	1	No	DIFF	Key segment 21 modifiable			EALL	211
MODKEY21 Input/output valid values	N, Y									
MODKEY22	CHAR	CPSM	1	No	DIFF	Key segment 22 modifiable			EALL	221
MODKEY22 Input/output valid values	N, Y									

Table 550. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
MODKEY23	CHAR	CPSM	1	No	DIFF	Key segment 23 modifiable			EALL	231
MODKEY23 Input/output valid values	N, Y									
MODKEY24	CHAR	CPSM	1	No	DIFF	Key segment 24 modifiable			EALL	241
MODKEY24 Input/output valid values	N, Y									
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	File key segment definition name				7
NULKEY01	CHAR	CPSM	1	No	DIFF	Key segment 01 allows null characters			EALL	13
NULKEY01 Input/output valid values	N, Y									
NULKEY02	CHAR	CPSM	1	No	DIFF	Key segment 02 allows null characters			EALL	23
NULKEY02 Input/output valid values	N, Y									
NULKEY03	CHAR	CPSM	1	No	DIFF	Key segment 03 allows null characters			EALL	33
NULKEY03 Input/output valid values	N, Y									
NULKEY04	CHAR	CPSM	1	No	DIFF	Key segment 04 allows null characters			EALL	43
NULKEY04 Input/output valid values	N, Y									
NULKEY05	CHAR	CPSM	1	No	DIFF	Key segment 05 allows null characters			EALL	53
NULKEY05 Input/output valid values	N, Y									
NULKEY06	CHAR	CPSM	1	No	DIFF	Key segment 06 allows null characters			EALL	63
NULKEY06 Input/output valid values	N, Y									
NULKEY07	CHAR	CPSM	1	No	DIFF	Key segment 07 allows null characters			EALL	73
NULKEY07 Input/output valid values	N, Y									
NULKEY08	CHAR	CPSM	1	No	DIFF	Key segment 08 allows null characters			EALL	83
NULKEY08 Input/output valid values	N, Y									
NULKEY09	CHAR	CPSM	1	No	DIFF	Key segment 09 allows null characters			EALL	93
NULKEY09 Input/output valid values	N, Y									
NULKEY10	CHAR	CPSM	1	No	DIFF	Key segment 10 allows null characters			EALL	103
NULKEY10 Input/output valid values	N, Y									
NULKEY11	CHAR	CPSM	1	No	DIFF	Key segment 11 allows null characters			EALL	113
NULKEY11 Input/output valid values	N, Y									

Table 550. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
NULKEY12	CHAR	CPSM	1	No	DIFF	Key segment 12 allows null characters			EALL	123
NULKEY12 Input/output valid values	N, Y									
NULKEY13	CHAR	CPSM	1	No	DIFF	Key segment 13 allows null characters			EALL	133
NULKEY13 Input/output valid values	N, Y									
NULKEY14	CHAR	CPSM	1	No	DIFF	Key segment 14 allows null characters			EALL	143
NULKEY14 Input/output valid values	N, Y									
NULKEY15	CHAR	CPSM	1	No	DIFF	Key segment 15 allows null characters			EALL	153
NULKEY15 Input/output valid values	N, Y									
NULKEY16	CHAR	CPSM	1	No	DIFF	Key segment 16 allows null characters			EALL	163
NULKEY16 Input/output valid values	N, Y									
NULKEY17	CHAR	CPSM	1	No	DIFF	Key segment 17 allows null characters			EALL	173
NULKEY17 Input/output valid values	N, Y									
NULKEY18	CHAR	CPSM	1	No	DIFF	Key segment 18 allows null characters			EALL	183
NULKEY18 Input/output valid values	N, Y									
NULKEY19	CHAR	CPSM	1	No	DIFF	Key segment 19 allows null characters			EALL	193
NULKEY19 Input/output valid values	N, Y									
NULKEY20	CHAR	CPSM	1	No	DIFF	Key segment 20 allows null characters			EALL	203
NULKEY20 Input/output valid values	N, Y									
NULKEY21	CHAR	CPSM	1	No	DIFF	Key segment 21 allows null characters			EALL	213
NULKEY21 Input/output valid values	N, Y									
NULKEY22	CHAR	CPSM	1	No	DIFF	Key segment 22 allows null characters			EALL	223
NULKEY22 Input/output valid values	N, Y									
NULKEY23	CHAR	CPSM	1	No	DIFF	Key segment 23 allows null characters			EALL	233
NULKEY23 Input/output valid values	N, Y									
NULKEY24	CHAR	CPSM	1	No	DIFF	Key segment 24 allows null characters			EALL	243
NULKEY24 Input/output valid values	N, Y									
NUMNLK01	CHAR	CPSM	4	No	DIFF	Key segment 01 null key number		0-255	EALL	16

Table 550. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
NUMNLK02	CHAR	CPSM	4	No	DIFF	Key segment 02 null key number		0-255	EALL	26
NUMNLK03	CHAR	CPSM	4	No	DIFF	Key segment 03 null key number		0-255	EALL	36
NUMNLK04	CHAR	CPSM	4	No	DIFF	Key segment 04 null key number		0-255	EALL	46
NUMNLK05	CHAR	CPSM	4	No	DIFF	Key segment 05 null key number		0-255	EALL	56
NUMNLK06	CHAR	CPSM	4	No	DIFF	Key segment 06 null key number		0-255	EALL	66
NUMNLK07	CHAR	CPSM	4	No	DIFF	Key segment 07 null key number		0-255	EALL	76
NUMNLK08	CHAR	CPSM	4	No	DIFF	Key segment 08 null key number		0-255	EALL	86
NUMNLK09	CHAR	CPSM	4	No	DIFF	Key segment 09 null key number		0-255	EALL	96
NUMNLK10	CHAR	CPSM	4	No	DIFF	Key segment 10 null key number		0-255	EALL	106
NUMNLK11	CHAR	CPSM	4	No	DIFF	Key segment 11 null key number		0-255	EALL	116
NUMNLK12	CHAR	CPSM	4	No	DIFF	Key segment 12 null key number		0-255	EALL	126
NUMNLK13	CHAR	CPSM	4	No	DIFF	Key segment 13 null key number		0-255	EALL	136
NUMNLK14	CHAR	CPSM	4	No	DIFF	Key segment 14 null key number		0-255	EALL	146
NUMNLK15	CHAR	CPSM	4	No	DIFF	Key segment 15 null key number		0-255	EALL	156
NUMNLK16	CHAR	CPSM	4	No	DIFF	Key segment 16 null key number		0-255	EALL	166
NUMNLK17	CHAR	CPSM	4	No	DIFF	Key segment 17 null key number		0-255	EALL	176
NUMNLK18	CHAR	CPSM	4	No	DIFF	Key segment 18 null key number		0-255	EALL	186
NUMNLK19	CHAR	CPSM	4	No	DIFF	Key segment 19 null key number		0-255	EALL	196
NUMNLK20	CHAR	CPSM	4	No	DIFF	Key segment 20 null key number		0-255	EALL	206
NUMNLK21	CHAR	CPSM	4	No	DIFF	Key segment 21 null key number		0-255	EALL	216
NUMNLK22	CHAR	CPSM	4	No	DIFF	Key segment 22 null key number		0-255	EALL	226
NUMNLK23	CHAR	CPSM	4	No	DIFF	Key segment 23 null key number		0-255	EALL	236
NUMNLK24	CHAR	CPSM	4	No	DIFF	Key segment 24 null key number		0-255	EALL	246
POSKEY01	CHAR	CPSM	4	No	DIFF	Key segment 01 position		0-4090	EALL	8
POSKEY02	CHAR	CPSM	4	No	DIFF	Key segment 02 position		0-4090	EALL	18
POSKEY03	CHAR	CPSM	4	No	DIFF	Key segment 03 position		0-4090	EALL	28
POSKEY04	CHAR	CPSM	4	No	DIFF	Key segment 04 position		0-4090	EALL	38
POSKEY05	CHAR	CPSM	4	No	DIFF	Key segment 05 position		0-4090	EALL	48
POSKEY06	CHAR	CPSM	4	No	DIFF	Key segment 06 position		0-4090	EALL	58

Table 550. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
POSKEY07	CHAR	CPSM	4	No	DIFF	Key segment 07 position		0-4090	EALL	68
POSKEY08	CHAR	CPSM	4	No	DIFF	Key segment 08 position		0-4090	EALL	78
POSKEY09	CHAR	CPSM	4	No	DIFF	Key segment 09 position		0-4090	EALL	88
POSKEY10	CHAR	CPSM	4	No	DIFF	Key segment 10 position		0-4090	EALL	98
POSKEY11	CHAR	CPSM	4	No	DIFF	Key segment 11 position		0-4090	EALL	108
POSKEY12	CHAR	CPSM	4	No	DIFF	Key segment 12 position		0-4090	EALL	118
POSKEY13	CHAR	CPSM	4	No	DIFF	Key segment 13 position		0-4090	EALL	128
POSKEY14	CHAR	CPSM	4	No	DIFF	Key segment 14 position		0-4090	EALL	138
POSKEY15	CHAR	CPSM	4	No	DIFF	Key segment 15 position		0-4090	EALL	148
POSKEY16	CHAR	CPSM	4	No	DIFF	Key segment 16 position		0-4090	EALL	158
POSKEY17	CHAR	CPSM	4	No	DIFF	Key segment 17 position		0-4090	EALL	168
POSKEY18	CHAR	CPSM	4	No	DIFF	Key segment 18 position		0-4090	EALL	178
POSKEY19	CHAR	CPSM	4	No	DIFF	Key segment 19 position		0-4090	EALL	188
POSKEY20	CHAR	CPSM	4	No	DIFF	Key segment 20 position		0-4090	EALL	198
POSKEY21	CHAR	CPSM	4	No	DIFF	Key segment 21 position		0-4090	EALL	208
POSKEY22	CHAR	CPSM	4	No	DIFF	Key segment 22 position		0-4090	EALL	218
POSKEY23	CHAR	CPSM	4	No	DIFF	Key segment 23 position		0-4090	EALL	228
POSKEY24	CHAR	CPSM	4	No	DIFF	Key segment 24 position		0-4090	EALL	238
SAMKEY01	CHAR	CPSM	1	No	DIFF	Key segment 01 part of next segment			EALL	14
SAMKEY01 Input/output valid values	N, Y									
SAMKEY02	CHAR	CPSM	1	No	DIFF	Key segment 02 part of next segment			EALL	24
SAMKEY02 Input/output valid values	N, Y									
SAMKEY03	CHAR	CPSM	1	No	DIFF	Key segment 03 part of next segment			EALL	34
SAMKEY03 Input/output valid values	N, Y									
SAMKEY04	CHAR	CPSM	1	No	DIFF	Key segment 04 part of next segment			EALL	44
SAMKEY04 Input/output valid values	N, Y									
SAMKEY05	CHAR	CPSM	1	No	DIFF	Key Seg 05 part of next segment			EALL	54
SAMKEY05 Input/output valid values	N, Y									
SAMKEY06	CHAR	CPSM	1	No	DIFF	Key segment 06 part of next segment			EALL	64
SAMKEY06 Input/output valid values	N, Y									
SAMKEY07	CHAR	CPSM	1	No	DIFF	Key segment 07 part of next segment			EALL	74
SAMKEY07 Input/output valid values	N, Y									
SAMKEY08	CHAR	CPSM	1	No	DIFF	Key segment 08 part of next segment			EALL	84

Table 550. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
SAMKEY08 Input/output valid values	N, Y									
SAMKEY09	CHAR	CPSM	1	No	DIFF	Key segment 09 part of next segment			EALL	94
SAMKEY09 Input/output valid values	N, Y									
SAMKEY10	CHAR	CPSM	1	No	DIFF	Key segment 10 part of next segment			EALL	104
SAMKEY10 Input/output valid values	N, Y									
SAMKEY11	CHAR	CPSM	1	No	DIFF	Key segment 11 part of next segment			EALL	114
SAMKEY11 Input/output valid values	N, Y									
SAMKEY12	CHAR	CPSM	1	No	DIFF	Key segment 12 part of next segment			EALL	124
SAMKEY12 Input/output valid values	N, Y									
SAMKEY13	CHAR	CPSM	1	No	DIFF	Key segment 13 part of next segment			EALL	134
SAMKEY13 Input/output valid values	N, Y									
SAMKEY14	CHAR	CPSM	1	No	DIFF	Key segment 14 part of next segment			EALL	144
SAMKEY14 Input/output valid values	N, Y									
SAMKEY15	CHAR	CPSM	1	No	DIFF	Key segment 15 part of next segment			EALL	154
SAMKEY15 Input/output valid values	N, Y									
SAMKEY16	CHAR	CPSM	1	No	DIFF	Key segment 16 part of next segment			EALL	164
SAMKEY16 Input/output valid values	N, Y									
SAMKEY17	CHAR	CPSM	1	No	DIFF	Key segment 17 part of next segment			EALL	174
SAMKEY17 Input/output valid values	N, Y									
SAMKEY18	CHAR	CPSM	1	No	DIFF	Key segment 18 part of next segment			EALL	184
SAMKEY18 Input/output valid values	N, Y									
SAMKEY19	CHAR	CPSM	1	No	DIFF	Key segment 19 part of next segment			EALL	194
SAMKEY19 Input/output valid values	N, Y									
SAMKEY20	CHAR	CPSM	1	No	DIFF	Key segment 20 part of next segment			EALL	204
SAMKEY20 Input/output valid values	N, Y									
SAMKEY21	CHAR	CPSM	1	No	DIFF	Key segment 21 part of next segment			EALL	214
SAMKEY21 Input/output valid values	N, Y									



Table 550. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
SAMKEY22	CHAR	CPSM	1	No	DIFF	Key segment 22 part of next segment			EALL	224
SAMKEY22 Input/output valid values	N, Y									
SAMKEY23	CHAR	CPSM	1	No	DIFF	Key segment 23 part of next segment			EALL	234
SAMKEY23 Input/output valid values	N, Y									
SAMKEY24	CHAR	CPSM	1	No	DIFF	Key segment 24 part of next segment			EALL	244
SAMKEY24 Input/output valid values	N, Y									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				249
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				250
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				251



## Chapter 244. FSGINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a file key segment definition (FSEGDEF) in a resource group (RESGROUP). An FSEGDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is FSEGGROUP.

The **Secondary** key field for this resource class is FSEGNAME.

The **Tertiary** key field for this resource class is FSEGVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6165

<i>Table 551. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 552. FSGINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	FSGINGRP_INV_DATA	Attribute data invalid
2	FSGINGRP_REC_NOT_FOUND	Requested resource not found
4	FSGINGRP_REC_EXISTS	Resource already exists
6	FSGINGRP_INV_RESTYPE	Invalid resource type
7	FSGINGRP_INV_VER	Invalid resource version
11	FSGINGRP_NON_MP	Maintenance point CMAS not available

Table 552. FSGINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	FSGINGRP_INV_CONTEXT	Context not found
21	FSGINGRP_INCONSISTENT_SET	Inconsistent set
22	FSGINGRP_DIFF_VERSION	Different version
23	FSGINGRP_INV_NAME	Invalid name
24	FSGINGRP_INV_MINNAME	Invalid minor name

Table 553. FSGINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>FSEGGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>FSEGNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	File key segment definition name	6
<b>FSEGV-3</b>	BINARY	CPSM	1	Yes	AVG	File key segment definition version	7

## Chapter 245. FTRINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a FEPI Target definition (FETRDEF) in a resource group (RESGROUP). A FETRDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is FTRGROUP.

The **Secondary** key field for this resource class is FTRNAME.

The **Tertiary** key field for this resource class is FTRVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6173

<i>Table 554. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 555. FTRINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	FTRINGRP_INV_DATA	Attribute data invalid
2	FTRINGRP_REC_NOT_FOUND	Requested resource not found
4	FTRINGRP_REC_EXISTS	Resource already exists
6	FTRINGRP_INV_RESTYPE	Invalid resource type
7	FTRINGRP_INV_VER	Invalid resource version
11	FTRINGRP_NON_MP	Maintenance point CMAS not available

Table 555. FTRINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	FTRINGRP_INV_CONTEXT	Context not found
21	FTRINGRP_INCONSISTENT_SET	Inconsistent set
22	FTRINGRP_DIFF_VERSION	Different version
23	FTRINGRP_INV_NAME	Invalid name
24	FTRINGRP_INV_MINNAME	Invalid minor name

Table 556. FTRINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>FTRGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>FTRNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	FEPI target definition name	6
<b>FTRVER-3</b>	BINARY	CPSM	1	Yes	AVG	FEPI target definition version	7

## Chapter 246. HOST Resource Table

A CICS resource that retrieves information about virtual hosts in the local system.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is TCPIPSERVICE.

**External resource name**

CICSURIHost

**Length**

144

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0163

*Table 557. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A
	DISABLE	None	N/A

*Table 558. HOST resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	
ENABLESTATUS	CVDAS	INQ	HOST	ENABLESTATUS	4	LIKE	Yes	Status	3
ENABLESTATUS Input/ output valid values	ENABLED, DISABLED								
<b>NAME-1</b>	CHAR	INQ	HOST	HOST	116	DIFF	No	Name	1
<b>TCPIPSERVICE-2</b>	CHAR	INQ	HOST	TCPIPSERVICE	8	DIFF	No	Inbound port TCP/IP service relating to this host	2





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## Chapter 247. HTASK Resource Table

This CICSplex SM resource provides information about a completed task; that is, a task that previously ran in a system managed by CICSplex SM, but has now been completed. While a task is active, information can be obtained about the task by the TASK resource. After the task completes, information can be obtained by the HTASK resource, provided that CICSplex SM history recording was activated for the task.

The **Primary** key field for this resource class is TIME, which represents the time when the task was completed in the form of an 8-byte store clock (STCK) value. This task completion STCK is always in Coordinated Universal Time (UTC). UTC is a universal time standard that is Greenwich mean time (GMT) without any adjustment for leap seconds. In the following discussion of parameters, all times are UTC, and, when considering UTC completion times near to midnight, note that UTC affects the date as well.

The following parameters are supported for the GET operation:

STARTDATE(mm/dd/yyyy)  
STARTTIME(hh:mm:ss)  
ENDDATE(mm/dd/yyyy)  
ENDTIME(hh:mm:ss)  
INTERVAL(value)  
RECENT(value)

- If you use the RECENT parameter, you must not specify any other parameters.
- If you use the INTERVAL parameter, you must not specify the ENDDATE and ENDTIME parameters.

This resource class has no object-specific actions.

**Note:** The transaction number attribute (TASK) is normally a 4-byte packed decimal number. However, some CICS system tasks are identified by transaction numbers that comprise special characters, as follows:

- ' III' for system initialization task
- ' TCP' for terminal control.

These special identifiers are placed in bytes 2 through 4. Byte 1 is a blank (X'40') before the terminal control TCP identifier, and a null value (X'00') before the others. Because the TASK attribute is expected to contain a packed decimal value, it is not possible to specify the special values TASK=' III' or TASK=' TCP' in a filter. If you need to retrieve task history data for these tasks, you must use another attribute in your filter string, for example, TRANID='CSTP'.

### External resource name

CICSTaskHistory

### Length

3816

### Usage

API or WUI or CICS Management Client Interface

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0154

*Table 559. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		ENDDATE(value)	No
		ENDTIME(value)	No
		INTERVAL(value)	No
		RECENT(value)	No
		STARTDATE(value)	No
		STARTTIME(value)	No

*Table 560. HTASK FEEDBACK error codes*

Value	Code	Description
21	HTASK_INV_COMB_RECENT	RECENT parameter not unique
22	HTASK_INV_COMB_INTV_ET	Bad combination (INTERVAL+ENDTIME)
23	HTASK_INV_COMB_INTV_ED	Bad combination (INTERVAL+ENDDATE)
24	HTASK_INV_COMB_START_END	STARTDATE/TIME must precede ENDDATE/TIME
25	HTASK_INV_RECENT	Invalid RECENT value
26	HTASK_INV_INTERVAL	Invalid INTERVAL value

*Table 561. HTASK resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		
ABCODEC	CHAR	CMF			4	DIFF	Current ABEND code		18
ABCODEO	CHAR	CMF	DFHMNTDS	TMRABCDC	4	DIFF	Original ABEND code		17
ACAPPLNAME	CHAR	CMF			64	LIKE	Initial Application Name	E640 E650 E660 E670	415
ACMAJORVER	BINARY	CMF			4	MAX	Initial Application Major Version	E640 E650 E660 E670	418
ACMICROVER	BINARY	CMF			4	MAX	Initial Application Micro Version	E640 E650 E660 E670	420

Table 561. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
ACMINORVER	BINARY	CMF			4	MAX	Initial Application Minor Version	E640 E650 E660 E670	419
ACOPERNAME	CHAR	CMF			64	LIKE	Initial Application Operation	E640 E650 E660 E670	417
ACPLATNAME	CHAR	CMF			64	LIKE	Initial Platform	E640 E650 E660 E670	416
ACTVTYID	HEX	CMF	DFHMNTDS	TMRACTID	52	MIN	BTS activity ID		153
ACTVTYNM	CHAR	CMF	DFHMNTDS	TMRACTNM	16	DIFF	BTS activity name		152
ALLOCATES	BINARY	CMF	DFHMNTDS	TMRTAC	4	AVG	Number of ALLOCATE requests		27
APPLNAMEPROG	CHAR	CMF	EYURNHDD	NHDD_APPL_PROG	8	DIFF	Application naming - program name		327
APPLNAMETRAN	CHAR	CMF	EYURNHDD	NHDD_APPL_TRAN	4	DIFF	Application naming - transaction name		326
ASFREECT	BINARY	CMF			4	MAX	Number of EXEC CICS FREE CHILD commands	E640 E650 E660 E670 E680 E690 E700	442
ASFTCHCT	BINARY	CMF			4	MAX	Number of EXEC CICS FETCH commands	E640 E650 E660 E670 E680 E690 E700	441
ASFTCHWT	SCLOCK12	CMF			12	MAX	EXEC CICS FETCH wait time	E640 E650 E660 E670 E680 E690 E700	443
ASRNATWT	SCLOCK12	CMF			12	MAX	EXEC CICS RUN TRANSID delayed time	E640 E650 E660 E670 E680 E690 E700	444
ASRUNCT	BINARY	CMF			4	MAX	Number of EXEC CICS RUN TRANSID commands	E640 E650 E660 E670 E680 E690 E700	440
ASTOTCT	BINARY	CMF			4	MAX	Number of asynchronous API commands	E640 E650 E660 E670 E680 E690 E700	439
BAACDCCT	BINARY	CMF	DFHMNTDS	TMRBAADC	4	AVG	BTS activity data container requests		166

Table 561. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
BAACQPCT	BINARY	CMF	DFHMNTDS	TMRBAAPC	4	AVG	BTS acquire requests		163
BADACTCT	BINARY	CMF	DFHMNTDS	TMRBADAC	4	AVG	BTS define activity requests		158
BADCPACT	BINARY	CMF	DFHMNTDS	TMRBDCPC	4	AVG	BTS delete activity and cancel requests		162
BADFIECT	BINARY	CMF	DFHMNTDS	TMRBADIC	4	AVG	BTS define input event requests		169
BADPROCT	BINARY	CMF	DFHMNTDS	TMRBADPC	4	AVG	BTS define process requests		157
BALKPACT	BINARY	CMF	DFHMNTDS	TMRBALKC	4	AVG	BTS link requests		156
BAPRDCT	BINARY	CMF	DFHMNTDS	TMRBAPDC	4	AVG	BTS process data container requests		165
BARASYCT	BINARY	CMF	DFHMNTDS	TMRBARAC	4	AVG	BTS run asynchronous requests		155
BARATECT	BINARY	CMF	DFHMNTDS	TMRBAREC	4	AVG	BTS retrieve reattach event requests		168
BARMPACT	BINARY	CMF	DFHMNTDS	TMRBRPAC	4	AVG	BTS resume requests		161
BARSPACT	BINARY	CMF	DFHMNTDS	TMRBTPAC	4	AVG	BTS reset requests		159
BARSYNCT	BINARY	CMF	DFHMNTDS	TMRBARSC	4	AVG	BTS run synchronous requests		154
BASUPACT	BINARY	CMF	DFHMNTDS	TMRBSPAC	4	AVG	BTS suspend requests		160
BATIAECT	BINARY	CMF	DFHMNTDS	TMRBATACT	4	AVG	BTS timer associated event requests		170
BATOTCCT	BINARY	CMF	DFHMNTDS	TMRBATCC	4	AVG	BTS total data container requests		167
BATOTECT	BINARY	CMF	DFHMNTDS	TMRBATEC	4	AVG	BTS total event requests		171
BATOTPCT	BINARY	CMF	DFHMNTDS	TMRBATPC	4	AVG	BTS total requests		164
BMSCOUNT	BINARY	CMF	DFHMNTDS	TMRBMTC	4	AVG	Total number of BMS requests		67
BMSINCNT	BINARY	CMF	DFHMNTDS	TMRBMIC	4	AVG	Number of BMS map in requests		65
BMSMAPCNT	BINARY	CMF	DFHMNTDS	TMRBMMC	4	AVG	Number of BMS map requests		64
BMSOUTCNT	BINARY	CMF	DFHMNTDS	TMRBMOC	4	AVG	Number of BMS map out requests		66
BRDGTRAN	EYUDA	CMF			4	LIKE	Transaction ID started by bridge		137
BRDGTRAN Output valid values	YES, NO								
BRIDGE	CHAR	CMF	DFHMNTDS	TMRBTRID	4	DIFF	Bridge transaction ID		136
BTECOMP	EYUDA	CPSM			4	LIKE	Workload manager begin-to-end phase complete		264
BTECOMP Output valid values	YES, NO								
CDSAGETM	BINARY	CMF	DFHMNTDS	TMRSCCGB	4	AVG	Number of GETMAIN requests in CDSA		30
CDSAPSHWM	BINARY	CMF	DFHMNTDS	TMRPCCBH	4	AVG	Maximum program storage in CDSA		47
CDSASHWM	BINARY	CMF	DFHMNTDS	TMRCHWMB	4	AVG	Peak number of bytes used by task in CDSA		34
CDSASOCC	BINARY	CMF	DFHMNTDS	TMRCOCCB	8	AVG	Average CDSA storage usage		39

Table 561. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Description	Get Invali d	Attr ID
CECMCHTP	CHAR	CMF			4	DIFF	CEC machine type		404
CECMDLID	CHAR	CMF			16	DIFF	CEC model number		405
CFDTWAIT	SCLOCK12	CMF	DFHMNTDS	TMRCDTWT	12	MAX	CFDT wait time		147
CHARIN	BINARY	CMF	DFHMNTDS	TMRTCI1C	4	AVG	Number of primary TC characters received		20
CHARINSEC	BINARY	CMF	DFHMNTDS	TMRTCI2C	4	AVG	Number of secondary TC characters received		24
CHAROUT	BINARY	CMF	DFHMNTDS	TMRTCO1C	4	AVG	Number of primary TC characters sent		22
CHAROUTSEC	BINARY	CMF	DFHMNTDS	TMRTCO2C	4	AVG	Number of secondary TC characters sent		26
CHMODECT	BINARY	CMF			4	AVG	Number of CICS dispatcher change modes	E640 +	202
CICSWAIT	SCLOCK12	CMF	DFHMNTDS	TMRWCEWT	12	MAX	CICS event wait time		140
CLIPADDR	CHAR	CMF	DFHMNTDS	TMRCIPAD	40	DIFF	Client IP address		208
CONTROLWAIT	SCLOCK12	CMF	DFHMNTDS	TMRGVPWT	12	MAX	Give-up-control wait time		142
CORREUOW	HEX	CPSM			23	MIN	Correlation UOW ID		274
CPUTIME	SCLOCK12	CMF	DFHMNTDS	TMRCPUT	12	MAX	User task CPU time		76
CPUTONCP	SCLOCK12	CMF			12	MAX	Total CPU time on a CP	E640 E650 E660 E670	421
CURTASKS	BINARY	CMF			4	AVG	Current tasks		403
DB2CONWT	SCLOCK12	CMF	DFHMNTDS	TMRDB2WT	12	MAX	DB2 connection(TCB) wait time		189
DB2RDYQW	SCLOCK12	CMF	DFHMNTDS	TMRRDQWT	12	MAX	DB2 ready queue wait time		188
DB2REQCT	BINARY	CMF	DFHMNTDS	TMRDB2RC	4	AVG	Total number of DB2 requests		201
DB2WAIT	SCLOCK12	CMF			12	MAX	DB2 request wait time	E680 +	190
DETTRANATYPE	EYUDA	CPSM			4	LIKE	Transaction type details		263
DETTRANATYPE Output valid values	NONE, SYSTEM, MIRROR, DPL, ONCRPC, WEB, BRIDGE, CICSBT5								
DHCRECT	BINARY	CMF	DFHMNTDS	TMRDHRCRC	4	AVG	Number of DOCUMENT CREATE requests		181
DHINSCT	BINARY	CMF	DFHMNTDS	TMRDHINC	4	AVG	Number of DOCUMENT INSERT requests		182
DHRETCT	BINARY	CMF	DFHMNTDS	TMRDHRTC	4	AVG	Number of DOCUMENT RETRIEVE requests		184
DHSETCT	BINARY	CMF	DFHMNTDS	TMRDHSTC	4	AVG	Number of DOCUMENT SET requests		183
DHTOTCT	BINARY	CMF	DFHMNTDS	TMRDHTC	4	AVG	Total number of document requests		185
DHTOTDCL	BINARY	CMF	DFHMNTDS	TMRDHTDL	4	AVG	Total length of documents created		186
DISPTIME	SCLOCK12	CMF	DFHMNTDS	TMRDIST	12	MAX	User task dispatch time		75
DSAPTHWT	SCLOCK12	STAT	DFHMNTDS	TMRASRWT	12	AVG	Dispatcher allocate pthread wait time	E640 E650 E660 E670 E680 E690	434

Table 561. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
DSPDELAY	SCLOCK12	CMF	DFHMNTDS	TMRFDDLY	12	MAX	First dispatch delay time		108
ECDSAGETM	BINARY	CMF	DFHMNTDS	TMRSCCGA	4	AVG	Number of GETMAIN requests in ECDSA		31
ECDSAPSHWM	BINARY	CMF	DFHMNTDS	TMRPCCAH	4	AVG	Maximum program storage in ECDSA		46
ECDSASHWM	BINARY	CMF	DFHMNTDS	TMRCHWMA	4	AVG	Peak number of bytes used by task in ECDSA		35
ECDSASOCC	BINARY	CMF	DFHMNTDS	TMRCOCCA	8	AVG	Average ECDSA storage usage		40
ENQDELAY	SCLOCK12	CMF	DFHMNTDS	TMRNQDLY	12	MAX	Local enqueue delay time		111
EXECOMP	EYUDA	CPSM			4	LIKE	Workload manager execution phase complete		265
EXECOMP Output valid values	YES, NO								
EXTERNWAIT	SCLOCK12	CMF	DFHMNTDS	TMRWTXWT	12	MAX	External wait time		139
EXWAIT	SCLOCK12	CMF	DFHMNTDS	TMREXWT	12	MAX	Exception wait time		79
FACILITY	CHAR	CMF	DFHMNTDS	TMRFCY	4	DIFF	Principal facility		12
FACILITYTYPE	EYUDA	CMF			4	LIKE	Facility type		13
FACILITYTYPE Output valid values	TERMINAL, TDQUEUE, START								
FCADDCNT	BINARY	CMF	DFHMNTDS	TMRFCAC	4	AVG	Number of file control ADD requests		52
FCAMCNT	BINARY	CMF	DFHMNTDS	TMRFCAMC	4	AVG	Number of file control access method requests		55
FCBRWCNT	BINARY	CMF	DFHMNTDS	TMRFCBC	4	AVG	Number of file control BROWSE requests		51
FCCOUNT	BINARY	CMF	DFHMNTDS	TMRFCCTC	4	AVG	Total number of file control requests		54
FCDELCNT	BINARY	CMF	DFHMNTDS	TMRFCDC	4	AVG	Number of file control DELETE requests		53
FCGETCNT	BINARY	CMF	DFHMNTDS	TMRFCGC	4	AVG	Number of file control READ requests		49
FCIOTIME	SCLOCK12	CMF	DFHMNTDS	TMRFCWT	12	MAX	File control I/O wait time		81
FCPUTCNT	BINARY	CMF	DFHMNTDS	TMRFCPC	4	AVG	Number of file control WRITE requests		50
FCVSWTT	SCLOCK12	CMF			12	MAX	File control VSAM string wait time	E640 E650 E660 E670	414
FCXCWTT	SCLOCK12	CMF			12	MAX	File control exclusive control wait time	E640 E650 E660 E670	413
FIRSTPRGM	CHAR	CMF	DFHMNTDS	TMRPGNM	8	DIFF	First program name		7
GCDSAGETM	BINARY	CMF			4	AVG	Number of GETMAIN requests in GCDSA	E640 E650 E660 E670	406
GCDSASHWM	BINARY	CMF			4	AVG	Peak number of bytes used by task in GCDSA expressed in 4k pages	E640 E650 E660 E670	407
GNQDELAY	SCLOCK12	CMF	DFHMNTDS	TMRGQDLY	12	MAX	Global enqueue delay time		204

Table 561. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
GUDSAGETM	BINARY	CMF			4	AVG	Number of GETMAIN requests in GUDSA	E640 E650 E660 E670	408
GUDSASHWM	BINARY	CMF			4	AVG	Peak number of bytes used by task in GUDSA expressed in 4k pages	E640 E650 E660 E670	409
ICCOUNT	BINARY	CMF	DFHMNTDS	TMRICC	4	AVG	Number of Interval Control requests		72
IMSREQCT	BINARY	CMF	DFHMNTDS	TMRIMSRC	4	AVG	Total number of IMS requests		200
IMSWAIT	SCLOCK12	CMF	DFHMNTDS	TMRIMSWT	12	MAX	IMS request wait time		187
INDOUBT	EYUDA	CMF			4	LIKE	Transaction indoubt option		134
INDOUBT Output valid values	BACKWARD, FORWARD								
INDOUBTFAIL	EYUDA	CPSM			4	LIKE	Recovery manager UOW indoubt failure		271
INDOUBTFAIL Output valid values	YES, NO								
INDOUBTWAIT	EYUDA	CMF			4	LIKE	Indoubt wait time		135
INDOUBTWAIT Output valid values	YES, NO								
INTVLC	BINARY	CMF	DFHMNTDS	TMRICTC	4	AVG	Interval control count		145
INTVLWAIT	SCLOCK12	CMF	DFHMNTDS	TMRICDLY	12	MAX	Interval control delay time		141
IRIOTIME	SCLOCK12	CMF	DFHMNTDS	TMRIRWT	12	MAX	Interregion communication (MRO) I/O wait time		84
ISALWTT	SCLOCK12	STAT			12	AVG	Delay time waiting for IPIC session allocation		400
ISOLATEST	EYUDA	CMF			4	LIKE	Data isolation type		87
ISOLATEST Output valid values	NO, YES								
J8CPUT	SCLOCK12	CMF	DFHMNTDS	TMRJ8CPU	12	MAX	J8 TCB mode CPU time	E680 +	198
JCIOTIME	SCLOCK12	CMF	DFHMNTDS	TMRJCWT	12	MAX	Journal control I/O wait time		82
JCUSRWCNT	BINARY	CMF	DFHMNTDS	TMRJNLCT	4	AVG	Number of journal output requests		71
JRNLWRITREQ	BINARY	CMF	DFHMNTDS	TMRJNLCT	4	AVG	Number of journal write requests		128
JVMSUSP	SCLOCK12	CMF	DFHMNTDS	TMRJVMS	12	MAX	Total JVM suspend time		214
JVMTIME	SCLOCK12	CMF	DFHMNTDS	TMRJVMT	12	MAX	Total JVM elapsed time		213
L8CPUT	SCLOCK12	CMF	DFHMNTDS	TMLR8CPU	12	MAX	L8 TCB mode CPU time		197
LOCKMGRWAIT	SCLOCK12	CMF	DFHMNTDS	TMLRLMDLY	12	MAX	Lock manager wait time		138
LOGGRWRITREQ	BINARY	CMF	DFHMNTDS	TMLRLGWCT	4	AVG	Number of CICS logger write requests		129
LPARNAME	CHAR	CMF	DFHMNTDS	TMLRLPARN	8	DIFF	Logical partition name	E640 E650 E660 E670 E680 E690 E700	447

Table 561. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
LU61WTT	SCLOCK12	CMF	DFHMNTDS	TMR61WT	12	MAX	LU61 I/O wait time		112
LU62WTT	SCLOCK12	CMF	DFHMNTDS	TMR62WT	12	MAX	LU62 I/O wait time		113
LUNAME	CHAR	CMF	DFHMNTDS	TMRLUNM	8	DIFF	VTAM LU name		8
MAXTASKS	BINARY	CMF			4	AVG	Maximum tasks		402
MPPRTXCD	BINARY	CMF			4	MAX	Number of actions triggered by policy task rules		423
MPSRACT	BINARY	CMF	DFHMNTDS	TMRMPSRA	4	AVG	Number of actions triggered by policy system rules	E640 E650 E660 E670 E680 E690 E700	446
MPSRECT	BINARY	CMF	DFHMNTDS	TMRMPSRE	4	AVG	Number of times policy system rules evaluated	E640 E650 E660 E670 E680 E690 E700	445
MSCPUT	SCLOCK12	CMF	DFHMNTDS	TMRMSCPU	12	MAX	Other TCB mode CPU time		196
MSDISPT	SCLOCK12	CMF	DFHMNTDS	TMRMSDSP	12	MAX	Other TCB mode dispatch time		195
MSGIN	BINARY	CMF	DFHMNTDS	TMRPINMC	4	AVG	Number of primary TC messages received		19
MSGINSEC	BINARY	CMF	DFHMNTDS	TMRINMC	4	AVG	Number of secondary TC messages received		23
MSGOUT	BINARY	CMF	DFHMNTDS	TMRPOUMC	4	AVG	Number of primary TC messages sent		21
MSGOUTSEC	BINARY	CMF	DFHMNTDS	TMRSOUMC	4	AVG	Number of secondary TC messages sent		25
MXTDELAY	SCLOCK12	CMF	DFHMNTDS	TMRFDMXT	12	MAX	First dispatch delay time caused by MXT		110
MXTOTDLY	SCLOCK12	CMF	DFHMNTDS	TMROTDLY	12	MAX	Maximum open TCB delay time		191
NCGETCNT	BINARY	CMF	DFHMNTDS	TMRNCGET	4	AVG	Number of named counter get requests	E640 E650 E660 E670 E680 E690	431
NETNAME	CHAR	CMF	DFHMNTDS	TMRNETPX	20	DIFF	LU 6.2 network-wide UOW netname		11
NETUOWID	HEX	CMF			27	MIN	LU6.2 network-wide UOW ID		262
OADATA1	CHAR	CMF			64	DIFF	Originating adapter data 1	E640 E650 E660	385
OADATA2	CHAR	CMF			64	DIFF	Originating adapter data 2	E640 E650 E660	386
OADATA3	CHAR	CMF			64	DIFF	Originating adapter data 3	E640 E650 E660	387
OADID	CHAR	CMF			64	DIFF	Originating adapter ID	E640 E650 E660	384



Table 561. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
OAPPLID	CHAR	CMF			8	MAX	Originating Application ID	E640	339
OCLIPADR	CHAR	CMF			40	MAX	Originating client IP address	E640	347
OCLIPORT	BINARY	CMF	DFHMNTDS	TMROCPNO	4	MAX	Originating client port number	E640	348
OFCTYNME	CHAR	CMF			8	MAX	Originating facility name	E640	350
OFFLCPUT	SCLOCK12	CMF			12	MAX	Offload eligible on standard CP	E640 E650 E660 E670	422
ONETWKID	CHAR	CMF			8	MAX	Originating network ID	E640	338
OPORTNUM	BINARY	CMF	DFHMNTDS	TMROCIPA	4	MAX	Originating portnumber	E640	346
ORIGINTYPE	EYUDA	CPSM			4	LIKE	Transaction origin type		267
ORIGINTYPE Output valid values	NONE, TERMINAL, TDQUEUE, START, TERMSTART, SCHEDULED, XMRUN, BRIDGE, SOCKET, WEB, IIOPI, RRS, LU61, LU62, MRO, ECI, IIRQRECV, RZSTTRPT								
OSTART	TIMESTP	CMF	DFHMNTDS	TMROATTT	8	MAX	Originating task start time	E640	340
OTCPSVCE	CHAR	CMF			8	MAX	Originating TCPIP SERVICE	E640	345
OTRAN	CHAR	CMF			4	MAX	Originating transaction ID	E640	342
OTRANFLG	HEX	CMF	DFHMNTDS	TMROFCTY	8	MAX	Originating transaction flags	E640	349
OTRANNUM	DECIMAL	CMF	DFHMNTDS	TMROT CPS	4	MAX	Originating task ID	E640	341
OUSERCOR	CHAR	CMF			64	MAX	Originating user correlation data	E640	344
USERID	CHAR	CMF			8	MAX	Originating user ID	E640	343
PC24RHWM	BINARY	CMF	DFHMNTDS	TMRPCRBH	4	AVG	Maximum read-only program storage on RDSA		95
PC24SHWM	BINARY	CMF	DFHMNTDS	TMRPCSBH	4	AVG	Maximum shared program storage in SDSA		97
PC31SHWM	BINARY	CMF	DFHMNTDS	TMRPCSAH	4	AVG	Maximum shared program storage in ESDSA		96
PCDPLCT	BINARY	CMF	DFHMNTDS	TMRPCDPL	4	AVG	Distributed program link (DPL) request count		209
PCLINKCNT	BINARY	CMF	DFHMNTDS	TMRPCLIC	4	AVG	Number of program LINK requests		68
PCLOADCNT	BINARY	CMF	DFHMNTDS	TMRPCLOC	4	AVG	Number of program LOAD requests		70
PCLOADTM	SCLOCK12	CMF	DFHMNTDS	TMRPCLT	12	MAX	Program load time		86
PCLURMCT	BINARY	CMF	DFHMNTDS	TMRPCLUC	4	AVG	Number of user replaceable module link requests		146
PCXCTLCNT	BINARY	CMF	DFHMNTDS	TMRPCXC	4	AVG	Number of program transfer control (XCTL) requests		69
PERFRECCNT	BINARY	CMF	DFHMNTDS	TMRTCCNM	4	AVG	Number of performance records		119
PGCSTHWM	BINARY	CMF	DFHMNTDS	TMROAPID	8	MAX	Maximum container storage allocated to task	E640	337
PHAPPLID	CHAR	CMF			8	MAX	Previous hop applid	E640 E650 E660	389
PHCOUNT	BINARY	CMF			4	MAX	Previous hop count	E640 E650 E660	394

Table 561. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
PHNTWKID	CHAR	CMF			8	MAX	Previous hop network qualifier	E640 E650 E660	388
PHSTART	TIMESTP	CMF			8	MAX	Previous hop task start time	E640 E650 E660	391
PHTRAN	CHAR	CMF			4	MAX	Previous hop transaction ID	E640 E650 E660	393
PHTRANNO	DECIMAL	CMF			4	MAX	Previous hop task ID	E640 E650 E660	392
PRCSID	HEX	CMF	DFHMNTDS	TMRPTYPE	52	MIN	BTS process ID		150
PRCSNAME	CHAR	CMF			36	DIFF	BTS process name		149
PRCSTYPE	CHAR	CMF			8	DIFF	BTS process type		151
PRIORITY	BINARY	CMF	DFHMNTDS	TMRTYPE	4	AVG	Task priority		14
PSTG24HWM	BINARY	CMF	DFHMNTDS	TMRPCUSB	4	AVG	Maximum program storage below 16MB		42
PSTG31HWM	BINARY	CMF	DFHMNTDS	TMRPC31A	4	AVG	Maximum program storage above 16MB		43
PSTGHWM	BINARY	CMF	DFHMNTDS	TMRPCUSE	4	AVG	Maximum program storage across all DSAs		41
PTCOUNT	BINARY	CMF			4	MAX	Previous transaction count	E640 E650 E660 E670 E680 E690 E700	438
PTSTART	TIMESTP	CMF			8	MAX	Previous transaction task start time	E640 E650 E660 E670 E680 E690 E700	436
PTTRAN	CHAR	CMF			4	DIFF	Previous transaction transaction ID	E640 E650 E660 E670 E680 E690 E700	437
PTTRANNO	DECIMAL	CMF			4	MAX	Previous transaction task ID	E640 E650 E660 E670 E680 E690 E700	435
QRCPUT	SCLOCK12	CMF	DFHMNTDS	TMRQRCPU	12	MAX	CPU time used while running in QR TCB mode		194
QRDISPT	SCLOCK12	CMF	DFHMNTDS	TMRQRDSP	12	MAX	Dispatch time while running in QR TCB mode		193
QRMODDLY	SCLOCK12	CMF	DFHMNTDS	TMRQRDLY	12	MAX	QR TCB mode delay time		192
RECTYPE	CHAR	CMF			4	DIFF	Record type		15
RESOLVEACT	EYUDA	CPSM			4	LIKE	Recovery manager UOW resolved with indoubt action		268

Table 561. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
RESOLVEACT Output valid values	YES, NO								
RESPTIME	INTTSTP	CPSM			8	MAX	Task response time		273
RLSCPUT	SCLOCK12	CMF	DFHMNTDS	TMRRLSCP	12	MAX	CPU time used by VSAM Record Level Sharing		144
RLSWAITIME	SCLOCK12	CMF	DFHMNTDS	TMRRLSWT	12	MAX	VSAM Record Level Sharing wait time		132
RMICPSMETIME	SCLOCK12	CMF	EYURNHDD	NHDD_RMICPSM	12	MAX	CICSplex SM RMI elapsed time		334
RMIDB2TIME	SCLOCK12	CMF	EYURNHDD	NHDD_RMIDB2	12	MAX	DB2 RMI elapsed time		330
RMIDBCTLTIME	SCLOCK12	CMF	EYURNHDD	NHDD_RMIDBCTL	12	MAX	DBCTL RMI elapsed time		331
RMIEXECDLITM	SCLOCK12	CMF	EYURNHDD	NHDD_RMIEXEC DLI	12	MAX	DL/I RMI elapsed time		332
RMIMQSERIEST	SCLOCK12	CMF	EYURNHDD	NHDD_RMIMQ	12	MAX	WebSphere MQ RMI elapsed time		333
RMIOOTHERTIME	SCLOCK12	CMF	EYURNHDD	NHDD_RMIOTHE R	12	MAX	Total other RMI elapsed time		329
RMISUSP	SCLOCK12	CMF	DFHMNTDS	TMRRMIS	12	MAX	Total RMI suspend time		115
RMITCPIPTIME	SCLOCK12	CMF	EYURNHDD	NHDD_RMITCPI P	12	MAX	TCP/IP Sockets RMI elapsed time		335
RMITIME	SCLOCK12	CMF	DFHMNTDS	TMRRMIT	12	MAX	Total RMI elapsed time		114
RMITOTALTIME	SCLOCK12	CMF	EYURNHDD	NHDD_RMITOTA L	12	MAX	Total RMI elapsed time		328
ROFAIL	EYUDA	CPSM			4	LIKE	Recovery manager UOW resource owner failure		272
ROFAIL Output valid values	YES, NO								
ROMODDLY	SCLOCK12	STAT			12	AVG	RO TCB mode delay time		397
ROPS31HWM	BINARY	CMF	DFHMNTDS	TMRPCRAH	4	AVG	Maximum read-only program storage		48
RRMSURID	HEX	CMF	DFHMNTDS	TMRURID	16	MIN	RRMS/MVS unit of recovery ID		207
RRMSWAIT	SCLOCK12	CMF	DFHMNTDS	TMRRRSWT	12	MAX	RRMS/MVS syncpoint coordination delay time		205
RSYSID	CHAR	CMF	DFHMNTDS	TMRRSYS	4	DIFF	Remote system ID		90
RUNTRWTT	SCLOCK12	CMF	DFHMNTDS	TMRTRWTT	12	MAX	Run synchronous transaction wait time		173
S8CPUT	SCLOCK12	CMF	DFHMNTDS	TMRSC8CPU	12	MAX	S8 TCB mode CPU time		199
SHAREDTSWAIT	SCLOCK12	CMF	DFHMNTDS	TMRSHWT	12	MAX	Shared temporary storage I/O wait time		143
SHSTGBYTEFMA	BINARY	CMF	DFHMNTDS	TMRSC31F	4	AVG	FREEMAIN byte count of shared storage above 16M		127
SHSTGBYTEFMB	BINARY	CMF	DFHMNTDS	TMRSC24F	4	AVG	FREEMAIN byte count of shared storage below 16MB		124
SHSTGBYTEFMG	BINARY	CMF			4	AVG	The total number of FREEMAIN bytes of shared storage above the bar.	E640 E650 E660 E670	412
SHSTGBYTEGMA	BINARY	CMF	DFHMNTDS	TMRSC31G	4	AVG	GETMAIN byte count of shared storage above 16MB		126

Table 561. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
SHSTGBYTEGMB	BINARY	CMF	DFHMNTDS	TMRSC24G	4	AVG	GETMAIN byte count of shared storage below 16MB		123
SHSTGBYTEGMG	BINARY	CMF			4	AVG	GETMAIN byte count of shared storage above the bar	E640 E650 E660 E670	411
SHSTGGMCABV	BINARY	CMF	DFHMNTDS	TMRSC31S	4	AVG	Shared storage GETMAIN request count above 16MB		125
SHSTGGMCBAR	BINARY	CMF			4	AVG	Shared storage GETMAIN request count above the bar	E640 E650 E660 E670	410
SHSTGGMCBEL	BINARY	CMF	DFHMNTDS	TMRSC24S	4	AVG	Shared storage GETMAIN request count below 16MB		121
SHUNTED	EYUDA	CPSM			4	LIKE	Recovery manager UOW shunted		269
SHUNTED Output valid values	YES, NO								
SOBYDECT	BINARY	CMF	DFHMNTDS	TMRSOBDE	4	AVG	Number of socket bytes decrypted		211
SOBYENCT	BINARY	CMF	DFHMNTDS	TMRSOBEN	4	AVG	Number of socket bytes encrypted		210
SOCIPHER	HEX	CMF			4	DIFF	Cipher selected		401
SOCONMSG	CHAR	CMF	DFHMNTDS	TMRSOCNM	4	DIFF	Indicate the task processed the first message in connection	E640 E650 E660 E670 E680 E690 E700 E710	448
SOIOWTT	SCLOCK12	CMF	DFHMNTDS	TMRSOWT	12	MAX	Inbound TCP/IP sockets I/O wait time		206
SOMODDLY	SCLOCK12	STAT			12	AVG	SO TCB mode delay time		398
SRVSYWTT	SCLOCK12	CMF	DFHMNTDS	TMRPNAME	12	MAX	CFDT syncpoint wait time		148
START	DATETIME	CMF	DFHMNTDS	TMRATTT	8	MAX	Task start time		2
STOP	DATETIME	CMF	DFHMNTDS	TMRDETT	8	MAX	Task stop time		3
SUBEXECOMP	EYUDA	CPSM			4	LIKE	WLM subset of execution phase complete		266
SUBEXECOMP Output valid values	YES, NO								
SUBTYPE	CHAR	CPSM	EYURNHDD	NHDD_SUBTYPE	1	MIN	Task history subtype		357
SUSPTIME	SCLOCK12	CMF	DFHMNTDS	TMRSUST	12	MAX	Task suspend time		77
SYNCCOUNT	BINARY	CMF	DFHMNTDS	TMRSPPC	4	AVG	Number of syncpoint requests		73
SYNCDLY	SCLOCK12	CMF	DFHMNTDS	TMRSYDLY	12	MAX	Waiting for parent syncpoint delay time		174
SYNCPWAITTM	SCLOCK12	CMF	DFHMNTDS	TMRSYNCT	12	MAX	Syncpoint wait time		131
SZALLCTO	BINARY	CMF	DFHMNTDS	TMRSZATO	4	AVG	Number of FEPI ALLOCATE timeouts		104
SZALLOCT	BINARY	CMF	DFHMNTDS	TMRSZACT	4	AVG	Number of FEPI ALLOCATE requests		98
SZCHRIN	BINARY	CMF	DFHMNTDS	TMRSZCIN	4	AVG	Number of FEPI characters received		103

Table 561. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
SZCHROUT	BINARY	CMF	DFHMNTDS	TMRSZCOT	4	AVG	Number of FEPI characters sent		102
SZRCVCT	BINARY	CMF	DFHMNTDS	TMRSZRCT	4	AVG	Number of FEPI RECEIVE requests		99
SZRCVTO	BINARY	CMF	DFHMNTDS	TMRSZRTO	4	AVG	Number of FEPI RECEIVE timeouts		105
SZSENDCT	BINARY	CMF	DFHMNTDS	TMRSZSCT	4	AVG	Number of FEPI SEND requests		100
SZSTRCT	BINARY	CMF	DFHMNTDS	TMRSZTCT	4	AVG	Number of FEPI START requests		101
SZTOTCT	BINARY	CMF	DFHMNTDS	TMRSZTOT	4	AVG	Total number of FEPI requests		106
SZWAIT	SCLOCK12	CMF	DFHMNTDS	TMRSZWT	12	MAX	FEPI suspend time		107
TASK	DECIMAL	CMF	DFHMNTDS	TMRTSN	4	MAX	Task ID		218
TASKDATAKEY	EYUDA	CMF			4	LIKE	Data storage key		88
TASKDATAKEY Output valid values	CICS, USER								
TASKDATALOC	EYUDA	CMF			4	LIKE	Data location above/below 16MB		89
TASKDATALOC Output valid values	BELOW, ANY								
TASKFLAG	BINARY	CMF	DFHMNTDS	TMRROR	4	AVG	Transaction error flags		16
TCALWTT	SCLOCK12	STAT			12	AVG	Delay time waiting for session allocation		399
TCBATTCT	BINARY	CMF	DFHMNTDS	TMRTCBAC	4	AVG	Number of CICS dispatcher TCB attaches		203
TCC62IN2	BINARY	CMF	DFHMNTDS	TMR62ICH	4	AVG	Number of secondary LU62 TC characters received		92
TCC62OU2	BINARY	CMF	DFHMNTDS	TMR62OCH	4	AVG	Number of secondary LU62 TC characters sent		94
TCIOTIME	SCLOCK12	CMF	DFHMNTDS	TMRTCWT	12	MAX	Terminal control I/O wait time		80
TCLDELAY	SCLOCK12	CMF	DFHMNTDS	TMRFDTCL	12	MAX	First dispatch delay time caused by TCL		109
TCM62IN2	BINARY	CMF	DFHMNTDS	TMR62IMC	4	AVG	Number of secondary LU62 TC messages received		91
TCM62OU2	BINARY	CMF	DFHMNTDS	TMR62OMC	4	AVG	Number of secondary LU62 TC messages sent		93
TDCCOUNT	BINARY	CMF	DFHMNTDS	TMRTDTC	4	AVG	Total number of transient data requests		59
TDELWTT	SCLOCK12	STAT			12	AVG	TD extrapartition lock wait time		396
TDGETCNT	BINARY	CMF	DFHMNTDS	TMRTDGC	4	AVG	Number of transient data GET requests		56
TDILWTT	SCLOCK12	STAT			12	AVG	TD intrapartition lock wait time		395
TDIOTIME	SCLOCK12	CMF	DFHMNTDS	TMRTDWT	12	MAX	Transient data I/O wait time		85
TDPURCNT	BINARY	CMF	DFHMNTDS	TMRTDRC	4	AVG	Number of transient data PURGE requests		58
TDPUCNT	BINARY	CMF	DFHMNTDS	TMRTDPC	4	AVG	Number of transient data PUT requests		57
TERMCONNAME	CHAR	CMF			4	DIFF	Terminal connection name		120

Table 561. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
TERMID	CHAR	CMF	DFHMNTDS	TMRTEID	4	DIFF	Actual terminal ID or session ID		212
TERMNALINFO	HEX	CMF	DFHMNTDS	TMRTEINF	4	MIN	Terminal information		130
TIME-1	HEX	CMF	DFHMNTDS	TMRATTT	8	MIN	Time key		1
TMRATMSN	CHAR	CMF			8	DIFF	Atom service name	E640 E650	372
TMRBFDGC	BINARY	CMF			4	MAX	Number of BIF DIGEST requests	E640 E650	377
TMRBFTC	BINARY	CMF			4	MAX	Total number BIF Requests	E640 E650	378
TMRCBRNM	CHAR	CMF			4	LIKE	CorbaServer name	E680 +	276
TMRCTACT	BINARY	CMF	DFHMNTDS	TMRCTACT	4	AVG	Number of OO class library API requests		225
TMRCPOR	BINARY	CMF	DFHMNTDS	TMRISCNM	4	MAX	Client IP Port	E640	353
TMRCMDLY	SCLOCK12	CMF	DFHMNTDS	TMRCMDLY	12	AVG	CICS TCB Change Mode delay time		314
TMRDHDLC	BINARY	CMF	DFHMNTDS	TMRDHDLC	4	AVG	Number of Document Delete requests	E640	336
TMRDSCWT	SCLOCK12	CMF	DFHMNTDS	TMRDSCWT	12	MAX	Dispatcher MVS storage constraint wait time		287
TMRDSMWT	SCLOCK12	CMF	DFHMNTDS	TMRDSMWT	12	MAX	Dispatcher TCB mismatch wait time		286
TMRDSTHW	BINARY	CMF	DFHMNTDS	TMREJBTC	4	AVG	Peak number of CICS dispatcher TCBs		277
TMRECEVC	BINARY	CMF			4	MAX	Number of events captured	E640 E650	369
TMRECFOC	BINARY	CMF			4	MAX	Number of event filter commands	E640 E650	368
TMRECSEC	BINARY	CMF			4	MAX	Number of synchronous emission events captured	E640 E650 E660	383
TMRECSGE	BINARY	CMF			4	MAX	Number of SIGNAL EVENT requests	E640 E650	367
TMREICTC	BINARY	CMF			4	MAX	Total number of EXEC CICS requests	E640 E650	366
TMREJBAC	BINARY	CMF			4	AVG	Number of bean state activation requests	E680 +	278
TMREJBCC	BINARY	CMF			4	AVG	Number of bean creation requests	E680 +	280
TMREJBPC	BINARY	CMF			4	AVG	Number of bean state passivation requests	E680 +	279
TMREJBRC	BINARY	CMF			4	AVG	Number of bean removal requests	E680 +	281
TMREJBTC	BINARY	CMF			4	AVG	Total number of Enterprise bean requests	E680 +	288
TMREJMCT	BINARY	CMF			4	AVG	Number of Enterprise bean method calls	E680 +	282
TMRHTDLY	SCLOCK12	CMF			12	AVG	Maximum hot-pooling TCB delay time	E640 +	251
TMRICSCC	BINARY	CMF	DFHMNTDS	TMRICSCC	4	AVG	Total local interval control starts with channel		317

Table 561. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
TMRICSCD	BINARY	CMF	DFHMNTDS	TMRICSCD	4	AVG	Data length of all local IC starts with channel		318
TMRICSRC	BINARY	CMF	DFHMNTDS	TMRICSRC	4	AVG	Total remote interval control starts with channel		319
TMRICSRD	BINARY	CMF	DFHMNTDS	TMRICSRD	4	AVG	Data length of all remote IC starts with channel		320
TMRISACT	BINARY	CMF	DFHMNTDS	TMRISACT	4	MAX	Number of IPCONN allocate requests	E640	355
TMRISCNM	CHAR	CMF			8	MAX	IPCONN Name	E640	354
TMRISWT	SCLOCK12	CMF	DFHMNTDS	TMRMPPTX	12	MAX	IPCONN I/O wait time	E640	356
TMRJ9CPU	SCLOCK12	CMF			12	MAX	J9 TCB mode CPU time	E680 +	285
TMRJSTWT	SCLOCK12	CMF			12	MAX	JVM server thread wait time	E640 E650	358
TMRJTDLY	SCLOCK12	CMF			12	AVG	Maximum JVM TCB delay time	E680 +	250
TMRJVMIT	SCLOCK12	CMF	DFHMNTDS	TMRJVMIT	12	AVG	JVM elapsed time - initializing		256
TMRJVMRT	SCLOCK12	CMF	DFHMNTDS	TMRJVMRT	12	AVG	JVM elapsed time - resetting		257
TMRKY8CP	SCLOCK12	CMF	DFHMNTDS	TMRJTDLY	12	AVG	User task key 8 mode CPU time		249
TMRKY8DS	SCLOCK12	CMF	DFHMNTDS	TMRKY8DS	12	AVG	User task key 8 mode dispatch time		248
TMRKY9CP	SCLOCK12	STAT	DFHMNTDS	TMRJ9CPU	12	AVG	User task key 9 mode CPU time		284
TMRKY9DS	SCLOCK12	STAT	DFHMNTDS	TMRKY9DS	12	AVG	User task key 9 mode dispatch time		283
TMRL9CPU	SCLOCK12	CMF	DFHMNTDS	TMRL9CPU	12	MAX	User task L9 mode CPU time		321
TMRMLCTM	SCLOCK12	CMF			12	MAX	XML System Services CPU time	E640 E650	380
TMRMLTDL	BINARY	CMF			4	MAX	Total document length	E640 E650	379
TMRMLXTC	BINARY	CMF			4	MAX	Number of EXEC CICS XML TRANSFORM requests	E640 E650	359
TMRMQAST	SCLOCK12	CMF			12	MAX	WebSphere MQ API SRB time	E640 E650	382
TMRMQGWT	SCLOCK12	CMF	DFHMNTDS	TMRMQGWT	12	MAX	WebSphere MQ Getwait wait time	E640	352
TMRNETID	CHAR	CMF	DFHMNTDS	TMRNETID	8	DIFF	Network ID		221
TMRNETSX	HEX	CMF	EYURNHDD	NHDD_RMITCPIP	8	DIFF	LU6.2 network-wide UOW instance and sequence number		259
TMRNJAPN	CHAR	CMF			32	DIFF	Node.js Application name	E640 E650 E660 E670 E680 E690 E700 E710	449
TMROIDWT	SCLOCK12	CMF	DFHMNTDS	TMROIDWT	12	AVG	OTS indoubt wait time		255
TMROTSID	CHAR	CMF	DFHMNTDS	TMROTSID	12 8	DIFF	OTS transaction ID		224

Table 561. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
TMRPCDCC	BINARY	CMF	DFHMNTDS	TMRPCDCC	4	AVG	Number of DPL program link requests with channel		293
TMRPCDLL	BINARY	CMF	DFHMNTDS	TMRPCDLL	4	AVG	Data length of all DPL program links with channel		289
TMRPCDRL	BINARY	CMF	DFHMNTDS	TMRPCDRL	4	AVG	Total data length of all DPL returns with channel		290
TMRPCLCC	BINARY	CMF	DFHMNTDS	TMRPCLCC	4	AVG	Number of program link requests with channel		291
TMRPCRCC	BINARY	CMF	DFHMNTDS	TMRPCRCC	4	AVG	Number of program return requests with channel		294
TMRPCRCL	BINARY	CMF	DFHMNTDS	TMRPCRCL	4	AVG	Data length of all program returns with channel		295
TMRPCXCC	BINARY	CMF	DFHMNTDS	TMRPCXCC	4	AVG	Number of program XCTL requests with channel		292
TMRPGBCC	BINARY	CMF	DFHMNTDS	TMRPGBCC	4	AVG	Number of browse container channel requests		297
TMRPGCCC	BINARY	CMF	DFHMNTDS	TMRPGCCC	4	AVG	Number of containers created for channel containers		324
TMRPGCTC	BINARY	CMF	DFHMNTDS	TMRPGCTC	4	AVG	Total number of channel data container requests		296
TMRPGGCC	BINARY	CMF	DFHMNTDS	TMRPGGCC	4	AVG	Number of get container channel requests		298
TMRPGGCL	BINARY	CMF	DFHMNTDS	TMRPGGCL	8	AVG	Data length of all get container channel requests		301
TMRPGMCC	BINARY	CMF	DFHMNTDS	TMRPGMCC	4	AVG	Number of move container channel requests		300
TMRPGPCC	BINARY	CMF	DFHMNTDS	TMRPGPCC	4	AVG	Number of put container channel requests		299
TMRPGPCL	BINARY	CMF	DFHMNTDS	TMRPGPCL	8	AVG	Data length of all put container channel requests		302
TMRPIPLN	CHAR	CMF			8	DIFF	Pipeline name	E640 E650	371
TMRPORTN	BINARY	CMF	DFHMNTDS	TMRPORTN	4	AVG	TCP/IP service port number		223
TMRPTPWT	SCLOCK12	CMF	DFHMNTDS	TMRPTPWT	12	AVG	Partner wait time		258
TMRRLUNM	CHAR	CMF	DFHMNTDS	TMRRLUNM	8	DIFF	Real LU name		222
TMRROCPU	SCLOCK12	CMF	DFHMNTDS	TMRROCPU	12	AVG	User task read-only mode CPU time		247
TMRRODSP	SCLOCK12	CMF	DFHMNTDS	TMRRODSP	12	AVG	User task read-only mode dispatch time		246
TMRROPWT	SCLOCK12	CMF	DFHMNTDS	TMRROPWT	12	AVG	Request processor wait time		254
TMRROPWT	SCLOCK12	CMF	DFHMNTDS	TMRROPWT	12	AVG	Request receiver wait time		253
TMRROPWT	SCLOCK12	CMF	DFHMNTDS	TMRROPWT	12	AVG	Request receiver wait time		253
TMRSOCIN	BINARY	CMF	DFHMNTDS	TMRSOCIN	4	AVG	Number of characters received		237
TMRSOCNS	BINARY	CMF	DFHMNTDS	TMRSOCNS	4	AVG	Number of CREATE non-persistent socket requests		232
TMRSOCOT	BINARY	CMF	DFHMNTDS	TMRSOCOT	4	AVG	Number of characters sent		239
TMRSOCPS	BINARY	CMF	DFHMNTDS	TMRSOCPS	4	AVG	Number of CREATE persistent socket requests		233



Table 561. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
TMRSOERC	BINARY	CMF	DFHMNTDS	TMRSOERC	4	AVG	EXTRACT TCPIP and EXTRACT CERTIFICATE request count		231
TMRSOI1C	BINARY	CMF	DFHMNTDS	TMRSOI1C	4	AVG	Number of inbound socket characters received		242
TMRSOIMC	BINARY	CMF	DFHMNTDS	TMRSOIMC	4	AVG	Number of inbound socket receive requests		241
TMRSONHW	BINARY	CMF	DFHMNTDS	TMRSONHW	4	AVG	Peak number of non-persistent sockets		234
TMRSOO1C	BINARY	CMF	DFHMNTDS	TMRSOO1C	4	AVG	Number of inbound socket characters sent		244
TMRSOOMC	BINARY	CMF	DFHMNTDS	TMRSOOMC	4	AVG	Number of inbound socket send requests		243
TMRSOOWT	SCLOCK12	CMF	DFHMNTDS	TMRSOOWT	12	AVG	Outbound TCP/IP sockets I/O wait time		252
TMR SOPHW	BINARY	CMF	DFHMNTDS	TMR SOPHW	4	AVG	Peak number of persistent sockets		235
TMRSORCT	BINARY	CMF	DFHMNTDS	TMRSORCT	4	AVG	Number of socket receive requests		236
TMR SOSCT	BINARY	CMF	DFHMNTDS	TMR SOSCT	4	AVG	Number of socket send requests		238
TMR SOTC	BINARY	CMF	DFHMNTDS	TMR SOTC	4	AVG	Total number of socket requests		240
TMRSTDLY	SCLOCK12	CMF	DFHMNTDS	TMRSTDLY	12	AVG	Maximum CICS SSL TCB delay time		312
TMRT8CPU	SCLOCK12	CMF			12	MAX	User task T8 mode cpu time	E640 E650	364
TMRTCP SV	CHAR	CMF	DFHMNTDS	TMR CBRNM	8	DIFF	TCP/IP Service name		260
TMRTGP ID	HEX	CMF	DFHMNTDS	TMRTGP ID	28	DIFF	Transaction group ID		219
TMRTIATC	BINARY	CMF			4	MAX	Number of EXEC CICS ASKTIME requests	E640 E650	375
TMRTITC	BINARY	CMF			4	MAX	Total number of EXEC xxxTIME Requests	E640 E650	376
TMRTDLY	SCLOCK12	CMF			12	MAX	Maximum thread TCB delay time	E640 E650	365
TMRURIMN	CHAR	CMF			8	DIFF	URI map name	E640 E650	370
TMRWBBOC	BINARY	CMF	DFHMNTDS	TMRWBBOC	4	AVG	Number of web browse requests		311
TMRWB BRC	BINARY	CMF	DFHMNTDS	TMRWB BRC	4	AVG	Number of WEB BROWSE requests		228
TMRWB ERC	BINARY	CMF	DFHMNTDS	TMRWB ERC	4	AVG	Number of WEB EXTRACT requests		227
TMRWB I1C	BINARY	CMF	DFHMNTDS	TMRWB I1C	4	AVG	Number of bytes received by web requests		307
TMRWB IRC	BINARY	CMF	DFHMNTDS	TMRWB IRC	4	AVG	Number of web receive requests		306
TMRWB IWC	BINARY	CMF	DFHMNTDS	TMRWB IWC	4	AVG	Number of invoke web service requests		303
TMRWB O1C	BINARY	CMF	DFHMNTDS	TMRWB O1C	4	AVG	Number of bytes sent by web send requests		309
TMRWB OSC	BINARY	CMF	DFHMNTDS	TMRWB OSC	4	AVG	Number of web send requests		308

Table 561. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
TMRWBPRC	BINARY	CMF	DFHMNTDS	TMRWBPRC	4	AVG	Number of web parse requests		310
TMRWBRDL	BINARY	CMF	DFHMNTDS	TMRWBRDL	4	AVG	Data length of data read from the repository		322
TMRWBROC	BINARY	CMF	DFHMNTDS	TMRWBROC	4	AVG	Number of web read requests		304
TMRWBRPR	BINARY	CMF	DFHMNTDS	TMRWBRPR	4	AVG	Number of repository reads		226
TMRWBRRC	BINARY	CMF	DFHMNTDS	TMRWBRRC	4	AVG	Number of WEB READ requests		229
TMRWBWDL	BINARY	CMF	DFHMNTDS	TMRWBWDL	4	AVG	Data length of data written to the repository		323
TMRWBWOC	BINARY	CMF	DFHMNTDS	TMRWBWOC	4	AVG	Number of web write requests		305
TMRWBWRC	BINARY	CMF	DFHMNTDS	TMRWBWRC	4	AVG	Number of WEB WRITE requests		230
TMRWMQRC	BINARY	CMF	DFHMNTDS	TMRWMQRC	4	MAX	Total number WebSphere MQ requests	E640	351
TMRWPBMN	CHAR	CMF			8	DIFF	Program name	E640 E650	374
TMRWSATC	BINARY	CMF			4	MAX	Total number of WS Addressing requests	E640 E650	363
TMRWSCBC	BINARY	CMF			4	MAX	Number of WSACONTEXT BUILD requests	E640 E650	360
TMRWSCGC	BINARY	CMF			4	MAX	Number of WSACONTEXT GET requests	E640 E650	361
TMRWSEPC	BINARY	CMF			4	MAX	Number of WSAEPR CREATE requests	E640 E650	362
TMRWSOPN	CHAR	CMF			64	DIFF	Web Services operation name	E640 E650	381
TMRWSVCN	CHAR	CMF			32	DIFF	Webservice name	E640 E650	373
TMRX8CPU	SCLOCK12	CMF	DFHMNTDS	TMRX8CPU	12	AVG	User task X8 mode CPU time		315
TMRX9CPU	SCLOCK12	CMF	DFHMNTDS	TMRX9CPU	12	AVG	User task X9 mode CPU time		316
TMRXTDLY	SCLOCK12	CMF	DFHMNTDS	TMRXTDLY	12	AVG	Maximum CICS XPLink TCB delay time		313
TRANCLASS	CHAR	CMF	DFHMNTDS	TMRPGNM	8	DIFF	Transaction class		6
TRANFLAGS	HEX	CMF	DFHMNTDS	TMRTRFLG	8	MIN	Transaction flags		118
TRANID	CHAR	CMF	DFHMNTDS	TMRTRID	4	DIFF	Transaction ID		9
TRANATYPE	CHAR	CMF	DFHMNTDS	TMRTRTY	4	DIFF	Transaction type		10
TSCOUNT	BINARY	CMF	DFHMNTDS	TMRTSTC	4	AVG	Total number of TS requests		63
TSGETCNT	BINARY	CMF	DFHMNTDS	TMRTSGC	4	AVG	Number of temporary storage GET requests		60
TSGETSCNT	BINARY	CMF	DFHMNTDS	TMRTSGSC	4	AVG	Number of TS GET requests to shared storage	E640 E650 E660 E670 E680 E690	429
TSIOTIME	SCLOCK12	CMF	DFHMNTDS	TMRTSWT	12	MAX	TS I/O wait time		83

Table 561. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
TSPUTACNT	BINARY	CMF	DFHMNTDS	TMRTPAC	4	AVG	Number of TS PUT requests to auxiliary storage		61
TSPUTMCNT	BINARY	CMF	DFHMNTDS	TMRTPMC	4	AVG	Number of TS PUT requests to main storage		62
TSPUTCNT	BINARY	CMF	DFHMNTDS	TMRTPSC	4	AVG	Number of TS PUT requests to shared storage	E640 E650 E660 E670 E680 E690	430
UNSHUNTED	EYUDA	CPSM			4	LIKE	Recovery manager UOW unshunted		270
UNSHUNTED Output valid values	YES, NO								
UOWID	HEX	CMF	DFHMNTDS	TMRMUOW	8	MIN	Local unit of work (UOW) ID		4
UOWINSTSEQ	HEX	CMF	DFHMNTDS	TMRNETSX	8	MIN	LU6.2 network-wide UOW instance and sequence number		133
USERID	CHAR	CMF	DFHMNTDS	TMRUSID	8	DIFF	User ID		5
USRPS24HWM	BINARY	CMF	DFHMNTDS	TMRPCUSB	4	AVG	Maximum program storage in UDSA		45
USRPS31HWM	BINARY	CMF	DFHMNTDS	TMRPC31A	4	AVG	Maximum program storage in EUDSA		44
USTG24CNT	BINARY	CMF	DFHMNTDS	TMRSCUGB	4	AVG	Number of user storage GETMAIN requests below 16MB		28
USTG24HWM	BINARY	CMF	DFHMNTDS	TMRUSHWB	4	AVG	Peak number of bytes used by task in UDSA		32
USTG24OCC	BINARY	CMF	DFHMNTDS	TMRUTSOB	8	AVG	Average storage usage below 16MB		37
USTG31CNT	BINARY	CMF	DFHMNTDS	TMRSCUGA	4	AVG	Number of user storage GETMAIN requests above 16MB		29
USTG31HWM	BINARY	CMF	DFHMNTDS	TMRUSHWA	4	AVG	Peak number of bytes used by task in EUDSA		33
USTG31OCC	BINARY	CMF	DFHMNTDS	TMRUTSOA	8	AVG	Average storage usage above 16MB		38
WAITTIME	SCLOCK12	CMF	DFHMNTDS	TMRDWT	12	MAX	Dispatch wait time		78
WBCHRIN	BINARY	CMF	DFHMNTDS	TMRWBCIN	4	AVG	Number of Web characters received		176
WBCHROUT	BINARY	CMF	DFHMNTDS	TMRWBCOT	4	AVG	Number of Web characters sent		178
WBISSFCT	BINARY	CMF	DFHMNTDS	TMRWSSFC	4	MAX	INVOKE SOAP service faults	E640 E650	426
WBJSNRPL	BINARY	CMF	DFHMNTDS	TMRJSRPL	4	AVG	JSON response body length	E640 E650 E660 E670 E680 E690	433
WBJSNRQL	BINARY	CMF	DFHMNTDS	TMRJSRQL	4	AVG	JSON request body length	E640 E650 E660 E670 E680 E690	432

Table 561. HTASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Description	Get Invali d	Attr ID
WBRCVCT	BINARY	CMF	DFHMNTDS	TMRWBRCT	4	AVG	Number of WEB RECEIVE requests		175
WBREPWCT	BINARY	CMF	DFHMNTDS	TMRWBRPW	4	AVG	Number of Web repository writes		180
WSENDCT	BINARY	CMF	DFHMNTDS	TMRWSBCT	4	AVG	Number of WEB SEND requests		177
WBSFCRCT	BINARY	CMF	DFHMNTDS	TMRWSFCC	4	MAX	SOAPFAULT CREATE requests	E640 E650	424
WBSFTOCT	BINARY	CMF	DFHMNTDS	TMRWSFTC	4	MAX	Total SOAPFAULT CREATE requests	E640 E650	425
WBSREQBL	BINARY	CMF	DFHMNTDS	TMRWSQBL	4	MAX	SOAP request body length	E640 E650	427
WBSRSPBL	BINARY	CMF	DFHMNTDS	TMRWSRBL	4	MAX	SOAP response body length	E640 E650	428
WBTOTCT	BINARY	CMF	DFHMNTDS	TMRWBTC	4	AVG	Total number of Web requests		179
WLMRPTRCNAME	CHAR	CMF	DFHMNTDS	TMRRTCL	8	DIFF	Workload manager report class name		117
WLMSRVCNAME	CHAR	CMF	DFHMNTDS	TMRSRVCL	8	DIFF	Workload manager service class name		116

## Chapter 248. INDTDQ Resource Table

A CICS Resource that describes an indirect transient data queue in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is TDQUEUE.

The following action is supported:

### DISCARD

Discard the destination.

The DISCARD action requires no unique parameter data.

### External resource name

CICSIndirectTDQueue

### Length

96

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0028

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Inval id	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved			
BASDEFINEVER	BINARY	CPSM			1	AVG	BAS resource definition version	0	E640 E650	14
CHANGEAGENT	CVDAS	INQ	TDQUEUE	CHANGEAGENT	4	LIKE	Last modification agent		E640 E650	5

Table 563. INDTDQ resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Inval id	Attr ID
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, SYSTEM, CREATESPI, NOTAPPLIC									
CHANGEAGREL	CHAR	INQ	TDQUEUE	CHANGEAGREL	4	DIFF	Last modification agent release		E640 E650	7
CHANGETIME	DATETIME	INQ	TDQUEUE	CHANGETIME	8	MAX	Last modification time		E640 E650	8
CHANGEUSRID	CHAR	INQ	TDQUEUE	CHANGEUSRID	8	DIFF	Last modification user ID		E640 E650	6
DEFINESOURCE	CHAR	INQ	TDQUEUE	DEFINESOURCE	8	DIFF	Source of the resource definition		E640 E650	9
DEFINETIME	DATETIME	INQ	TDQUEUE	DEFINETIME	8	MAX	Creation time		E640 E650	10
INDIRECTNAME	CHAR	INQ	TDQUEUE	INDIRECTNAME	4	DIFF	Indirect name			2
INDIRECTTYPE	CVDAS	INQ	TDQUEUE	TYPE	4	LIKE	Indirect destination type			3
INDIRECTTYPE Output valid values	INTRA, EXTRA, INDIRECT, REMOTE									
INSTALLAGENT	CVDAS	INQ	TDQUEUE	INSTALLAGENT	4	LIKE	Installation agent		E640 E650	13
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST, SYSTEM									
INSTALLTIME	DATETIME	INQ	TDQUEUE	INSTALLTIME	8	MAX	Installation time		E640 E650	12
INSTALLUSRID	CHAR	INQ	TDQUEUE	INSTALLUSRID	8	DIFF	Installation user ID		E640 E650	11
OUTCNT	BINARY	STAT			4	AVG	Number of I/O requests			4
TDQUEUE-1	CHAR	INQ	TDQUEUE	TDQUEUE	4	DIFF	Queue ID			1

## Chapter 249. INTRATDQ Resource Table

A CICS Resource that describes an intrapartition transient data queue in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is TDQUEUE.

The following actions are supported:

**DISABLE**

Disable the destination.

**DISCARD**

Discard a disabled destination.

**ENABLE**

Enable the destination.

These actions require no unique parameter data.

**External resource name**

CICSIntrapartitionTDQueue

**Length**

136

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0027

<i>Table 564. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A
	DISABLE	None	N/A
	ENABLE	None	N/A

Table 565. INTRATDQ resource table attributes											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			
ATIFACILITY	CVDAS	INQ	TDQUEUE	ATIFACILITY	4	LIK E	Yes	ATI facility type			2
ATIFACILITY Input/output valid values	TERMINAL, NOTERMINAL										
ATIFACILITY Output valid values	NOTAPPLIC										
ATITERMID	CHAR	INQ	TDQUEUE	ATITERMID	4	DIF F	Yes	ATI terminal ID			3
ATITRANID	CHAR	INQ	TDQUEUE	ATITRANID	4	DIF F	Yes	ATI transaction ID			4
ATIUSERID	CHAR	INQ	TDQUEUE	ATIUSERID	8	DIF F	Yes	ATI User ID			10
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	22
CHANGEAGENT	CVDAS	INQ	TDQUEUE	CHANGEAGENT	4	LIK E	No	Last modification agent		E640 E650	13
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBatch, SYSTEM, CREATESPI, NOTAPPLIC										
CHANGEAGREL	CHAR	INQ	TDQUEUE	CHANGEAGREL	4	DIF F	No	Last modification agent release		E640 E650	15
CHANGETIME	DATETIME	INQ	TDQUEUE	CHANGETIME	8	MAX	No	Last modification time		E640 E650	17
CHANGEUSRID	CHAR	INQ	TDQUEUE	CHANGEUSRID	8	DIF F	No	Last modification user ID		E640 E650	14
DEFINESOURCE	CHAR	INQ	TDQUEUE	DEFINESOURCE	8	DIF F	No	Source of the resource definition		E640 E650	18
DEFINETIME	DATETIME	INQ	TDQUEUE	DEFINETIME	8	MAX	No	Creation time		E640 E650	19
INDOUBT	CVDAS	INQ	TDQUEUE	INDOUBT	4	LIK E	No	In-doubt wait action			11
INDOUBT Output valid values	QUEUE, REJECT, NOTAPPLIC										
INDOUBTWAIT	CVDAS	INQ	TDQUEUE	INDOUBTWAIT	4	LIK E	No	In-doubt wait option			12
INDOUBTWAIT Output valid values	WAIT, NOWAIT, NOTAPPLIC										
INSTALLAGENT	CVDAS	INQ	TDQUEUE	INSTALLAGENT	4	LIK E	No	Installation agent		E640 E650	16
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST, SYSTEM										
INSTALLTIME	DATETIME	INQ	TDQUEUE	INSTALLTIME	8	MAX	No	Installation time		E640 E650	21
INSTALLUSRID	CHAR	INQ	TDQUEUE	INSTALLUSRID	8	DIF F	No	Installation user ID		E640 E650	20
NUMITEMS	BINARY	INQ	TDQUEUE	NUMITEMS	4	AVG	No	Number of items			6
OUTCNT	BINARY	STAT			4	AVG	No	Number of I/O requests			9



Table 565. INTRATDQ resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
RECOVSTATUS	CVDAS	INQ	TDQUEUE	RECOVSTATUS	4	LIKE	No	Recovery status			7
RECOVSTATUS Output valid values	PHYSICAL, LOGICAL, NOTRECOVABLE, NOTAPPLIC										
STATUS	CVDAS	INQ	TDQUEUE	ENABLESTATUS	4	LIKE	Yes	Enabled status			5
STATUS Input/output valid values	ENABLED, DISABLED										
STATUS Output valid values	NOTAPPLIC										
<b>TDQUEUE-1</b>	CHAR	INQ	TDQUEUE	TDQUEUE	4	DIFF	No	Queue ID			1
TRIGGERLEVEL	BINARY	INQ	TDQUEUE	TRIGGERLEVEL	4	AVG	Yes	Trigger level			8



## Chapter 250. IPCINGRP Resource Table

The IPCINGRP views display information about the membership of an IPIC connection definition (IPCONDEF) in a resource group (RESGROUP).

The **Primary** key field for this resource class is IPCGROUP.

The **Secondary** key field for this resource class is IPCNAME.

The **Tertiary** key field for this resource class is IPCVER.

The following actions are supported:

### Get

View an association between an IPIC connection definition and a resource group.

### Create

Create an association between an IPIC connection definition and a resource group.

### Remove

Remove an association between an IPIC connection definition and a resource group from the data repository.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6181

<i>Table 566. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 567. IPCINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	IPCINGRP_INV_DATA	Attribute data invalid

Table 567. IPCINGRP FEEDBACK error codes (continued)

Value	Code	Description
2	IPCINGRP_REC_NOT_FOUND	Requested resource not found
4	IPCINGRP_REC_EXISTS	Resource already exists
6	IPCINGRP_INV_RESTYPE	Invalid resource type
7	IPCINGRP_INV_VER	Invalid resource version
11	IPCINGRP_NON_MP	Maintenance point CMAS not available
12	IPCINGRP_INV_CONTEXT	Context not found
21	IPCINGRP_INCONSISTENT_SET	Inconsistent set
22	IPCINGRP_DIFF_VERSION	Different version
23	IPCINGRP_INV_NAME	Invalid name
24	IPCINGRP_INV_MINNAME	Invalid minor name

Table 568. IPCINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>IPCGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>IPCNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Connection definition name	6
<b>IPCVER-3</b>	BINARY	CPSM	1	Yes	AVG	Connection definition version	7

## Chapter 251. IPCONDEF Resource Table

A CICS Definition that describes an IPIC connection between CICS and a remote system.

The **Primary** key field for this resource class is NAME. Note that a connection name can be only 4 characters long. The remainder of the 8-character NAME field should be padded with blank spaces.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a Connection Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionIPICConnection

### Length

448

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3836

<i>Table 569. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Value	Code	Description
1	IPCONDEF_INV_DATA	Attribute data invalid
2	IPCONDEF_REC_NOT_FOUND	Requested resource not found
4	IPCONDEF_REC_EXISTS	Resource already exists
5	IPCONDEF_REC_CHANGED	Resource definition already changed
6	IPCONDEF_INV_RESTYPE	Invalid resource type
7	IPCONDEF_INV_VER	Invalid resource version
11	IPCONDEF_NON_MP	Maintenance point CMAS not available
12	IPCONDEF_INV_CONTEXT	Context not found
13	IPCONDEF_INCONSISTENT_SET	Inconsistent set condition
14	IPCONDEF_INV_RESGROUP	Resource group not found
21	IPCONDEF_INV_ACTION	Invalid action
22	IPCONDEF_INV_RECADDR	Invalid record address
23	IPCONDEF_INV_RECLEN	Invalid record length
24	IPCONDEF_DIFF_VERSION	Different version
25	IPCONDEF_EARLY_NAMELIST_END	Early name list end
26	IPCONDEF_INV_NAMELIST	Invalid name list
27	IPCONDEF_INV_NAME	Invalid name
28	IPCONDEF_INV_MINNAME	Invalid minor name

Table 570. IPCONDEF FEEDBACK error codes (continued)

<b>Value</b>	<b>Code</b>	<b>Description</b>
29	IPCONDEF_NOTIFY	Notify
30	IPCONDEF_PARTIAL_INSTALL	Partial install
31	IPCONDEF_NOTHING_INSTALLED	Nothing installed
32	IPCONDEF_NO_TARGETS	No targets
33	IPCONDEF_NO_RELATED	No related systems
34	IPCONDEF_INV_TSCOPE	Invalid target scope
35	IPCONDEF_INV_RSCOPE	Invalid related scope
36	IPCONDEF_INV_USAGE	Invalid usage
37	IPCONDEF_INV_MODE	Invalid mode
38	IPCONDEF_INV_STATECHK	Invalid state check
39	IPCONDEF_INV_FORCEINS	Invalid force install
40	IPCONDEF_INV_NOTIFY	Invalid notify
41	IPCONDEF_INV_OVERTYPE	Invalid over type
42	IPCONDEF_INV_OVRBLOCK	Invalid override block
43	IPCONDEF_INV_ORSTRING	Invalid override string
44	IPCONDEF_INV_STRNGTERM	Invalid string term
45	IPCONDEF_INV_EMBEDTERM	Invalid embedded terminator
46	IPCONDEF_INV_ATTRIBUTE	Invalid attribute
47	IPCONDEF_INV_LITERAL	Invalid literal
48	IPCONDEF_INV_ORSTGNA	Invalid override string
49	IPCONDEF_SCOPE_REQUIRED	Scope required
50	IPCONDEF_USAGE_CONFLICT	Usage conflict
51	IPCONDEF_NODEFS_SELECTED	No definitions selected
52	IPCONDEF_MORE_THAN_1_RELSYS	More than one related system
53	IPCONDEF_MISSING_RELSYSID	Missing related system identifier
54	IPCONDEF_SCOPE_CONFLICT	Scope conflict
55	IPCONDEF_INV_CSDGROUP	Invalid CSD group
56	IPCONDEF_REC_NOT_REMOVED	Record not removed
57	IPCONDEF_INV_RESOURCE	Invalid resource
58	IPCONDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	IPCONDEF_PARTIAL_ACTION	Partial action
60	IPCONDEF_NOTHING_ACTIONED	Nothing actioned
61	IPCONDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 570. IPCONDEF FEEDBACK error codes (continued)

Value	Code	Description
62	IPCONDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	IPCONDEF_CSD_ERROR	CSD access error

Table 571. IPCONDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
APPLID	CHAR	CPSM	8	Yes	DIFF	Remote application ID				16
AUTOCONNECT	EYUDA	CPSM	4	Yes	LIKE	Autoconnect sessions for IPIK connections	NO			8
AUTOCONNECT Input/output valid values	NO, YES									
CERTIFICATE	CHAR	CPSM	32	No	DIFF	Certificate				28
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	33
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	35
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	34
CIPHERS	CHAR	CPSM	56	No	LIKE	SSL cipher suite codes				29
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				19
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	38
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		24
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				23
HA	EYUDA	CPSM	4	Yes	LIKE	High availability	NO		E640 E650 E660 E670 E680	40
HA Input/output valid values	NO, YES									
HOST	CHAR	CPSM	11 6	Yes	DIFF	Remote host name				25
IDPROP	CVDAS	CPSM	4	Yes	LIKE	Identity propagation	NOTALLOWED		E640 E650	37
IDPROP Input/output valid values	NOTALLOWED, OPTIONAL, REQUIRED									
INSERVICE	EYUDA	CPSM	4	Yes	LIKE	Connection status	YES			9
INSERVICE Input/output valid values	NO, YES									
LINKAUTH	CVDAS	CPSM	4	No	LIKE	Link security	SECUSER			32
LINKAUTH Input/output valid values	SECUSER, CERTUSER									
MAXQTIME	CHAR	CPSM	8	No	DIFF	Maximum queue time	NO	0-9999		18



Table 571. IPCONDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
MAXQTIME Input/output valid values	NO									
MIRRORLIFE	CVDAS	INQ	4	No	DIFF	Minimum mirror lifetime	REQUEST		E640 E650 E660	39
MIRRORLIFE Input/output valid values	REQUEST, TASK, UOW									
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				7
NETWORKID	CHAR	CPSM	8	No	DIFF	Remote network ID				15
PORT	CHAR	CPSM	5	Yes	DIFF	Port number	NO	1-65535		13
PORT Input/output valid values	NO									
QUEUELIMIT	CHAR	CPSM	8	No	DIFF	Queue limit	NO	0-9999		17
QUEUELIMIT Input/output valid values	NO									
RECEIVECOUNT	CHAR	CPSM	3	Yes	DIFF	Receive count		1-999		26
SECURITYNAME	CHAR	CPSM	8	No	LIKE	Security name of the remote system				30
SENDCOUNT	CHAR	CPSM	3	Yes	DIFF	Send count		0-999		27
SSL	EYUDA	CPSM	4	Yes	LIKE	Secure sockets layer (SSL) type	NO			11
SSL Input/output valid values	YES, NO									
TCPIPSERVICE	CHAR	CPSM	8	Yes	DIFF	TCP/IP service				14
USERAUTH	CVDAS	CPSM	4	Yes	LIKE	Attach-time user security level	LOCAL			12
USERAUTH Input/output valid values	DEFAULTUSER, LOCAL, VERIFY, IDENTIFY									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				20
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				21
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				22
XLNACTION	EYUDA	CPSM	4	Yes	LIKE	Exchange log names (XLN) action	KEEP			10
XLNACTION Input/output valid values	KEEP, FORCE									



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## Chapter 252. IPCONN Resource Table

A CICS Resource that describes an IPIC connection in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**ACQUIRE**

Acquire the connection.

**BACKOUT**

Back out shunted units of work associated with the connection.

**CANCEL**

Cancel the connection.

**COMMIT**

Commit shunted units of work associated with the connection.

**DISCARD**

Discard the connection.

**FORCE**

Force shunted units of work associated with the connection to commit or back out.

**FORCECANCEL**

Cancel all AIDs, including system AIDs, queuing for the connection.

**FORCEPURGE**

Force purge all transactions running on sessions on the connected system.

**INSERVICE**

Place the connection in service.

**KILL**

Kill all transactions running on sessions on the connected system.

**Note:** Kill can lead to unpredictable results and should be used only in exceptional circumstances.

**NORECOVDATA**

Override the normal resynchronization process.

**NOTPENDING**

Set the connection not pending.

**OUTSERVICE**

Place the connection out of service.

**PURGE**

Purge the connection.

**RELEASE**

Release the connection.

**RESYNC**

Resynchronize shunted units of work associated with the connection.

These actions require no unique parameter data.

Some of these actions may be valid only for particular types of CICS connections. Refer to the appropriate CICS documentation for details.

**Note:** The value returned by CICS conflicts with CVDA values in other CICS environments. In order to retain the attribute's uniqueness, CICSplex SM adds either 8000 or 9000 to the value returned by CICS. For more information about translating CVDA values, see [TRANSLATE](#) command.

**External resource name**

CICSIPICConnection

**Length**

768

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0167

Table 572. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A
	ACQUIRE	None	N/A
	BACKOUT	None	N/A
	COMMIT	None	N/A
	CANCEL	None	N/A
	FORCE	None	N/A
	FORCECANCEL	None	N/A
	FORCEPURGE	None	N/A
	INSERVICE	None	N/A
	KILL	None	N/A
	NORECOVDATA	None	N/A
	NOTPENDING	None	N/A
	OUTSERVICE	None	N/A
	PURGE	None	N/A
	RELEASE	None	N/A
	RESYNC	None	N/A

Table 573. IPCONN resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF	No	CICS System Name				
EYU_CICSREL	CHAR	CPSM			4	DIF	No	CICS Release				
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved				
ALLCFAILLINK	BINARY	STAT	DFHISRDS	ISR_ALLOCA TES_FAILED _LINK	4	DIF	No	Number of allocations failed on link				32
ALLCFAILOTH	BINARY	STAT	DFHISRDS	ISR_ALLOCA TES_FAILED _OTHER	4	DIF	No	Number of allocations failed for other reasons				33
APPLID	CHAR	INQ	IPCONN	APPLID	8	DIF	No	Remote application ID				2
AUTOCONNECT	CVDAS	INQ	IPCONN	AUTOCONNE CT	4	LIK E	No	Autoconnect option				3
AUTOCONNECT Input/output valid values	AUTOCONN, NONAUTOCONN											
BASDEFINEVER	BINARY	CPSM			1	AV G	No	BAS resource definition version	0		E64 0 E65 0	58
CERTIFICATE	CHAR	INQ	IPCONN	CERTIFICAT E	3 2	DIF F	No	Certificate				44
CHANGEAGENT	CVDAS	INQ	IPCONN	LINKAUTH	4	LIK E	No	Last modification agent			E64 0 E65 0	49
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, AUTOINSTALL, CREATESPI, NOTAPPLIC											
CHANGEAGREL	CHAR	INQ	IPCONN	LINKAUTH	4	DIF F	No	Last modification agent release			E64 0 E65 0	51
CHANGETIME	DATETIME	INQ	IPCONN	LINKAUTH	8	MA X	No	Last modification time			E64 0 E65 0	52
CHANGEUSRID	CHAR	INQ	IPCONN	LINKAUTH	8	DIF F	No	Last modification user ID			E64 0 E65 0	50
CIPHERS	CHAR	INQ	IPCONN	CIPHERS	5 6	LIK E	No	SSL cipher suite codes				46
CLIENTLOC	CHAR	INQ	IPCONN	LINKAUTH	3 2	DIF F	No	Most diverse route to partner system			E64 0 E65 0	59
CONNSTATUS	CVDAS	INQ	IPCONN	CONNSTATU S	4	LIK E	Yes	Connection status				4
CONNSTATUS Input/ output valid values	ACQUIRED, RELEASED											
CONNSTATUS Output valid values	FREEING, OBTAINING											
CRECVSESS	BINARY	STAT	DFHISRDS	ISR_CURRE NT_RECEIVE _SESSIONS	4	DIF F	No	Number of receive sessions in use				27

Table 573. IPCONN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Value Range	Get Inval id	Attr ID
CSENDESS	BINARY	STAT	DFHISRDS	ISR_CURRENT_SEND_SESSIONS	4	DIF	No	Number of send sessions in use				25
CURRQUEUED	BINARY	STAT	DFHISRDS	ISR_CURRENT_QUEUED_ALLOCATES	4	DIF	No	Current number of allocates queued				30
DEFINESOURCE	CHAR	INQ	IPCONN	LINKAUTH	8	DIF	No	Source of the resource definition			E640 E650	53
DEFINETIME	DATETIME	INQ	IPCONN	LINKAUTH	8	MAX	No	Creation time			E640 E650	54
EXITALLCPUR	BINARY	STAT	DFHISRDS	ISR_XISQUE_ALLOCS_PURGED	4	DIF	No	Number of XISQUE allocates purged				39
EXITALLCPUR	BINARY	STAT	DFHISRDS	ISR_XISQUE_ALLOC_QUEUES	4	DIF	No	Number of XISQUE allocation queue purges				38
EXITALLCREJ	BINARY	STAT	DFHISRDS	ISR_XISQUE_ALLOC_REJECTS	4	DIF	No	Number of XISQUE allocate rejections				37
FSFCBYTERECD	BINARY	STAT	DFHISRDS	ISR_FS_FC_BYTES_RECEIVED	8	AVG	No	Number of FC function shipped bytes received			E640 E650 E660	75
FSFCBYTESENT	BINARY	STAT	DFHISRDS	ISR_FS_FC_BYTES_SENT	8	AVG	No	Number of FC function shipped bytes sent			E640 E650 E660	74
FSFCREQS	BINARY	STAT	DFHISRDS	ISR_FS_FC_REQUESTS	4	AVG	No	Number of FC function shipped requests			E640 E650 E660	73
FSICBYTERECD	BINARY	STAT	DFHISRDS	ISR_FS_IC_BYTES_RECEIVED	8	AVG	No	Number of IC function shipped bytes received			E640 E650	69
FSICBYTESENT	BINARY	STAT	DFHISRDS	ISR_FS_IC_BYTES_SENT	8	AVG	No	Number of IC function shipped bytes sent			E640 E650	68
FSICREQS	BINARY	STAT	DFHISRDS	ISR_FS_IC_REQUESTS	4	DIF	No	Number of IC function shipped requests			E640 E650	67
FSPCBYTERECD	BINARY	STAT	DFHISRDS	ISR_FS_PG_BYTES_RECEIVED	8	DIF	No	Number of PC function shipped bytes received				20
FSPCBYTESENT	BINARY	STAT	DFHISRDS	ISR_FS_PG_BYTES_SENT	8	DIF	No	Number of PC function shipped bytes sent				19
FSPGREQS	BINARY	STAT	DFHISRDS	ISR_FS_PG_REQUESTS	4	DIF	No	Number of PC function shipped requests				41

Table 573. IPCONN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
FSTDBYTERECD	BINARY	STAT	DFHISRDS	ISR_FS_TD_BYTES_RECEIVED	8	AVG	No	Number of TD function shipped bytes received			E640 E650 E660	78
FSTDBYTESENT	BINARY	STAT	DFHISRDS	ISR_FS_TD_BYTES_SENT	8	AVG	No	Number of TD function shipped bytes sent			E640 E650 E660	77
FSTDREQS	BINARY	STAT	DFHISRDS	ISR_FS_TD_REQUESTS	4	AVG	No	Number of TD function shipped requests			E640 E650 E660	76
FSTSBYTERECD	BINARY	STAT	DFHISRDS	ISR_FS_TS_BYTES_RECEIVED	8	AVG	No	Number of TS function shipped bytes received			E640 E650 E660	81
FSTSBYTESENT	BINARY	STAT	DFHISRDS	ISR_FS_TS_BYTES_SENT	8	AVG	No	Number of TS function shipped bytes sent			E640 E650 E660	80
FSTSREQS	BINARY	STAT	DFHISRDS	ISR_FS_TS_REQUESTS	4	AVG	No	Number of TS function shipped requests			E640 E650 E660	79
GMTCTIME	TIMESTP	STAT	DFHISRDS	ISR_IPCONN_GMT_CREATE_TIME	8	MAX	No	GMT connection create time				23
GMTDTIME	TIMESTP	STAT	DFHISRDS	ISR_IPCONN_GMT_DELETE_TIME	8	MAX	No	GMT connection delete time				24
HA	CVDAS	INQ			4	LIKE	No	High availability status			E640 E650 E660 E670 E680	83
HA Output valid values	REQUIRED, NOTREQUIRED											
HOST	CHAR	INQ	IPCONN	HOST	116	DIFF	No	Remote host name				5
HOSTTYPE	CVDAS	INQ	IPCONN	LINKAUTH	4	LIKE	No	Host name's address format			E640 E650	63
HOSTTYPE Output valid values	HOSTNAME, IPV4, IPV6, NOTAPPLIC											

Table 573. IPCONN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Value Range	Get Inval id	Attr ID
IDPROP	CVDAS	INQ	IPCONN	LINKAUTH	4	LIKE	No	Identity propagation			E640 E650	70
IDPROP Output valid values	NOTALLOWED, OPTIONAL, REQUIRED											
INSTALLAGENT	CVDAS	INQ	IPCONN	LINKAUTH	4	LIKE	No	Installation agent			E640 E650	57
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, AUTOINSTALL, GRPLIST											
INSTALLTIME	DATETIME	INQ	IPCONN	LINKAUTH	8	MAX	No	Installation time			E640 E650	56
INSTALLUSRID	CHAR	INQ	IPCONN	LINKAUTH	8	DIFF	No	Installation user ID			E640 E650	55
IPFAMILY	CVDAS	INQ	IPCONN	LINKAUTH	4	LIKE	No	The format of the resolved IP address			E640 E650	62
IPFAMILY Output valid values	IPV4, IPV6, UNKNOWN											
IPRESOLVED	CHAR	INQ	IPCONN	LINKAUTH	39	DIFF	No	Remote host's IP address			E640 E650	61
LINKAUTH	CVDAS	INQ	IPCONN	LINKAUTH	4	LIKE	No	Link security				16
LINKAUTH Output valid values	SECUSER, CERTUSER											
LOCCTIME	TIMESTP	STAT	DFHISRDS	ISR_IPCONN_CREATE_TIME	8	MAX	No	Local connection create time				21
LOCDTIME	TIMESTP	STAT	DFHISRDS	ISR_IPCONN_DELETE_TIME	8	MAX	No	Local connection delete time				22
MAXQTIME	BINARY	INQ	IPCONN	MAXQTIME	4	DIFF	No	Maximum queue time	NO			6
MIRRORLIFE	CVDAS	INQ	IPCONN	LINKAUTH	4	DIFF	No	Minimum mirror lifetime			E640 E650 E660	72
MIRRORLIFE Input/output valid values	REQUEST, TASK, UOW											
MQTALLPURG	BINARY	STAT	DFHISRDS	ISR_MAXQTIME_ALLOCS_PURGED	4	DIFF	No	Number of queue time allocates purged				36
MQTALLQPURG	BINARY	STAT	DFHISRDS	ISR_MAXQTIME_ALLOC_QPURGES	4	DIFF	No	Number of queue time allocation queue purges				35
<b>NAME-1</b>	CHAR	INQ	IPCONN	IPCONN	8	DIFF	No	IPIC connection ID				1



Table 573. IPCONN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
NETWORKID	CHAR	INQ	IPCONN	NETWORKID	8	DIF	No	Remote network ID				15
NUMCIPHERS	BINARY	INQ	IPCONN	NUMCIPHERS	2	LIKE	No	Number of SSL cipher suite codes				45
PARTNER	CHAR	INQ	IPCONN	LINKAUTH	64	DIF	No	Product token of partner system			E640 E650	60
PEAKQUEUED	BINARY	STAT	DFHISRDS	ISR_PEAK_QUEUED_ALLCATES	4	DIF	No	Number of peak queued session allocations				31
PENDSTATUS	CVDAS	INQ	IPCONN	PENDSTATUS	4	LIKE	Yes	Pending status				7
PENDSTATUS Input/output valid values	PENDING, NOTPENDING											
PORT	BINARY	INQ	IPCONN	PORT	4	DIF	No	Port number				8
PRECVSESS	BINARY	STAT	DFHISRDS	ISR_PEAK_RECEIVE_SESSIONS	4	DIF	No	Maximum number of receive sessions used				28
PSENDESS	BINARY	STAT	DFHISRDS	ISR_PEAK_SEND_SESSIONS	4	DIF	No	Maximum number of send sessions used				26
PURGETYPE	CVDAS	INQ			4	LIKE	Yes	Purge type				17
PURGETYPE Input/output valid values	CANCEL, FORCECANCEL, FORCEPURGE, KILL, PURGE, N_A											
QLIMALLOCREJ	BINARY	STAT	DFHISRDS	ISR_QLIMIT_ALLOC_REJECTS	4	DIF	No	Number of queue limit allocate rejections				34
QUEUELIMIT	BINARY	INQ	IPCONN	QUEUELIMIT	4	DIF	No	Queue limit				9
RECEIVECOUNT	BINARY	INQ	DFHISRDS	ISR_RECEIVE_SESSIONS	4	DIF	No	Receive count				10
RECOVSTATUS	CVDAS	INQ	IPCONN	RECEIVECOUNT	4	LIKE	Yes	Recovery status				11
RECOVSTATUS Input/output valid values	NORECOVDATA, NRS, RECOVDATA											
REMTMSTRT	BINARY	STAT	DFHISRDS	ISR_REMOT_TERM_STARTS	4	AVG	No	Remote terminal starts			E640 E650	71
SECURITYNAME	CHAR	CPSM	IPCONN	SECURITYNAME	8	DIF	No	Security name of the remote system				47
SENDCOUNT	BINARY	INQ	DFHISRDS	ISR_SEND_SESSIONS	4	DIF	No	Send count		0-999		12
SERVSTATUS	CVDAS	INQ	IPCONN	SERVSTATUS	4	LIKE	Yes	Service status				13
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE											
SSLTYPE	CVDAS	INQ	IPCONN	SSLTYPE	4	LIKE	No	Secure sockets layer (SSL) type				42
SSLTYPE Output valid values	SSL, NOSSL											
TCPIPSERVICE	CHAR	INQ	IPCONN	TCPIPSERVICE	8	DIF	No	TCP/IP service				14

Table 573. IPCONN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
TOTALLOC	BINARY	STAT	DFHISRDS	ISR_TOTAL_ALLOCATES	4	DIFF	No	Total number of session allocations				29
TRANSATTCH	BINARY	STAT	DFHISRDS	ISR_TRANS_ATTACHED	4	DIFF	No	Number of transactions attached				40
TRBYTERECD	BINARY	STAT	DFHISRDS	ISR_TR_BYTES_RECEIVED	8	AVG	No	Number of TR function shipped bytes received			E640 E650	66
TRBYTESENT	BINARY	STAT	DFHISRDS	ISR_TR_BYTES_SENT	8	AVG	No	Number of TR function shipped bytes sent			E640 E650	65
TRREQS	BINARY	STAT	DFHISRDS	ISR_TR_REQUESTS	4	AVG	No	Number of TR function shipped requests			E640 E650	64
UNSUPREQS	BINARY	STAT	DFHISRDS	ISR_UNSUPPORTED_REQUESTS	4	AVG	No	Number of unsupported requests			E640 E650 E660	82
UOWACTION	CVDAS	INQ			4	LIKE	Yes	UOW Action				18
UOWACTION Input/output valid values	BACKOUT, COMMIT, FORCE, RESYNC, N_A											
USERAUTH	CVDAS	INQ	IPCONN	USERAUTH	4	LIKE	No	Attach-time user security level				43
USERAUTH Output valid values	DEFAULTUSER, LOCAL, VERIFY, IDENTIFY											

## Chapter 253. IPFACIL Resource Table

The IPFACIL views show the associations between active CICS tasks and the IPIC connections in use by those tasks.

The **Primary** key field for this resource class is TASKID.

The **Secondary** key field for this resource class is TOKEN.

The following actions are supported:

### Get

View an association between an IPIC connection definition and an active CICS task.

### External resource name

CICSIPFacility

### Length

40

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0171

Table 574. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 575. IPFACIL resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
IPCONN	CHAR	INQ			8	DIFF	IP connection id	3
IPFACILTYPE	CVDAS	INQ			4	LIKE	IP facility type	4
IPFACILTYPE Input/output valid values	PRINCIPAL, ALTERNATE							
<b>TASKID-1</b>	DECIMAL	INQ	TASK	TASK	4	MIN	Associated task id	1
<b>TOKEN-2</b>	HEX	INQ			4	MIN	IP facility token	2



## Chapter 254. JMSINGRP Resource Table

A CPSM Business Application Services definition that describes the membership of a JVMSERVER definition (JVMSVDEF) in a resource group (RESGROUP). A JVMSVDEF resource object can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is JMSGROUP.

The **Secondary** key field for this resource class is JMSNAME.

The **Tertiary** key field for this resource class is JMSVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6186

<i>Table 576. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 577. JMSINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	JMSINGRP_INV_DATA	Attribute data invalid
2	JMSINGRP_REC_NOT_FOUND	Requested resource not found
4	JMSINGRP_REC_EXISTS	Resource already exists
6	JMSINGRP_INV_RESTYPE	Invalid resource type
7	JMSINGRP_INV_VER	Invalid resource version
11	JMSINGRP_NON_MP	Maintenance point CMAS not available

Table 577. JMSINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	JMSINGRP_INV_CONTEXT	Context not found
21	JMSINGRP_INCONSISTENT_SET	Inconsistent set
22	JMSINGRP_DIFF_VERSION	Different version
23	JMSINGRP_INV_NAME	Invalid name
24	JMSINGRP_INV_MINNAME	Invalid minor name

Table 578. JMSINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	4
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	7
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	6
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	5
<b>JMSGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	10
<b>JMSNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	JVM server definition name	11
<b>JMSVER-3</b>	BINARY	CPSM	1	Yes	AVG	JVM server definition version	12

## Chapter 255. JRMINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a journal model definition (JRNMDEF) in a resource group (RESGROUP). A JRNMDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is JRNMGROUP.

The **Secondary** key field for this resource class is JRNMNAME.

The **Tertiary** key field for this resource class is JRNMDVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6148

<i>Table 579. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 580. JRMINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	JRMINGRP_INV_DATA	Attribute data invalid
2	JRMINGRP_REC_NOT_FOUND	Requested resource not found
4	JRMINGRP_REC_EXISTS	Resource already exists
6	JRMINGRP_INV_RESTYPE	Invalid resource type
7	JRMINGRP_INV_VER	Invalid resource version
11	JRMINGRP_NON_MP	Maintenance point CMAS not available

Table 580. JRMINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	JRMINGRP_INV_CONTEXT	Context not found
21	JRMINGRP_INCONSISTENT_SET	Inconsistent set
22	JRMINGRP_DIFF_VERSION	Different version
23	JRMINGRP_INV_NAME	Invalid name
24	JRMINGRP_INV_MINNAME	Invalid minor name

Table 581. JRMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
JRNMDVER-3	BINARY	CPSM	1	Yes	AVG	Journal model definition version	7
JRNMGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
JRNMINAME-2	CHAR	CPSM	8	Yes	DIFF	Journal model definition name	6



## Chapter 256. JRNINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a journal definition (JRNLDEF) in a resource group (RESGROUP). A JRNLDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is JRNLGROUP.

The **Secondary** key field for this resource class is JRNLNAME.

The **Tertiary** key field for this resource class is JRNLVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

Batch Utility

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6147

<i>Table 582. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 583. JRNINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	JRNINGRP_INV_DATA	Attribute data invalid
2	JRNINGRP_REC_NOT_FOUND	Requested resource not found
4	JRNINGRP_REC_EXISTS	Resource already exists
6	JRNINGRP_INV_RESTYPE	Invalid resource type
7	JRNINGRP_INV_VER	Invalid resource version
11	JRNINGRP_NON_MP	Maintenance point CMAS not available
12	JRNINGRP_INV_CONTEXT	Context not found

Table 583. JRNINGRP FEEDBACK error codes (continued)

Value	Code	Description
21	JRNINGRP_INCONSISTENT_SET	Inconsistent set
22	JRNINGRP_DIFF_VERSION	Different version
23	JRNINGRP_INV_NAME	Invalid name
24	JRNINGRP_INV_MINNAME	Invalid minor name

Table 584. JRNINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
JRNLGROUP-1	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
JRNLNNAME-2	CHAR	CPSM	8	Yes	DIFF	Journal definition name	6
JRNLVER-3	BINARY	CPSM	1	Yes	AVG	Journal definition version	7

## Chapter 257. JRNLDEF Resource Table

A CICS Definition that describes a CICS system log or user journal.

The **Primary** key field for this resource class is NAME. Note that a journal ID can be only 2 characters long. The remainder of the 8-character NAME field should be padded with blank spaces.

The **Secondary** key field for this resource class is DEFVER.

### External resource name

#### Length

192

#### Usage

Batch Utility

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICS Definition

#### Copybook identifier

EYUt3802

<i>Table 585. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		RESGROUP(value)	No
CREATE		RESGROUP(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDTGRP	RESGROUP(value)	Yes

<i>Table 586. JRNLDEF FEEDBACK error codes</i>		
Value	Code	Description
1	JRNLDEF_INV_DATA	Attribute data invalid
2	JRNLDEF_REC_NOT_FOUND	Requested resource not found
4	JRNLDEF_REC_EXISTS	Resource already exists
5	JRNLDEF_REC_CHANGED	Resource definition already changed
6	JRNLDEF_INV_RESTYPE	Invalid resource type

Table 586. JRNLDEF FEEDBACK error codes (continued)

Value	Code	Description
7	JRNLDEF_INV_VER	Invalid resource version
11	JRNLDEF_NON_MP	Maintenance point CMAS not available
12	JRNLDEF_INV_CONTEXT	Context not found
13	JRNLDEF_INCONSISTENT_SET	Inconsistent set condition
14	JRNLDEF_INV_RESGROUP	Resource group not found
21	JRNLDEF_INV_ACTION	Invalid action
22	JRNLDEF_INV_RECADDR	Invalid record address
23	JRNLDEF_INV_RECLEN	Invalid record length
24	JRNLDEF_DIFF_VERSION	Different version
25	JRNLDEF_EARLY_NAMELIST_END	Early name list end
26	JRNLDEF_INV_NAMELIST	Invalid name list
27	JRNLDEF_INV_NAME	Invalid name
28	JRNLDEF_INV_MINNAME	Invalid minor name

Table 587. JRNLDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
ARCHSTATUS	CVDAS	CPSM	4	Yes	LIKE	Automatic archiving status	NOAUTOARCH		16
ARCHSTATUS Input/output valid values	AUTOARCH, NOAUTOARCH, REVERTED								
BUFFERSIZE	CHAR	CPSM	8	Yes	DIFF	I/O buffer size		512-32760	10
BUFSUV	CHAR	CPSM	8	No	DIFF	Buffer shiftup value	NO	1-32760	24
BUFSUV Input/output valid values	NO								
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Definition create time			26
CRUCIAL	EYUDA	CPSM	4	Yes	LIKE	Perform action when I/O error occurs	NO		17
CRUCIAL Input/output valid values	YES, NO								
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Definition description			30
DEVADDR	CHAR	CPSM	4	No	DIFF	Device address	NO	0-255	23
DEVADDR Input/output valid values	NO								
EMRGNCYRSTRT	EYUDA	CPSM	4	Yes	LIKE	Emergency restart data set	LRU		21
EMRGNCYRSTRT Input/output valid values	LRU, EXTA								
INPUT	EYUDA	CPSM	4	Yes	LIKE	Input allowed	NO		20
INPUT Input/output valid values	YES, NO								
JOURNALTYPE	CVDAS	CPSM	4	Yes	LIKE	Journal type	DISK1		9

Table 587. JRNLDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
JOURNALTYPE Input/output valid values	SMF, TAPE1, TAPE2, DISK1, DISK2								
LABEL	EYUDA	CPSM	4	Yes	LIKE	Use standard user label tapes	NO		11
LABEL Input/output valid values	NO, STANDARD								
LAYOUT	EYUDA	CPSM	4	Yes	LIKE	Journal structure type	LINEAR		12
LAYOUT Input/output valid values	LINEAR, CYCLIC								
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Journal definition name			7
OPEN	EYUDA	CPSM	4	Yes	LIKE	Open time	INITIAL		13
OPEN Input/output valid values	INITIAL, DEFERRED								
OPENSTATUS	CVDAS	CPSM	4	Yes	LIKE	Open status	CLOSED		22
OPENSTATUS Input/output valid values	OPEN, CLOSED								
PAUSE	EYUDA	CPSM	4	Yes	LIKE	Operator authorization required	NO		19
PAUSE Input/output valid values	YES, NO								
RETRY	EYUDA	CPSM	4	Yes	LIKE	Retry I/O errors	NO		18
RETRY Input/output valid values	YES, NO								
RSL	CHAR	CPSM	4	No	DIFF	Resource security value	NO	1-24	25
RSL Input/output valid values	NO								
SYSWAIT	EYUDA	CPSM	4	Yes	LIKE	I/O initiate time	STARTIO		14
SYSWAIT Input/output valid values	STARTIO, ASIS								
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1			27
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2			28
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3			29
VOLCNT	CHAR	CPSM	4	No	DIFF	Number of tape volumes	2	2-255	15



## Chapter 258. JRNLMODL Resource Table

A CICS Resource that describes a journal model in an active system running the CICS TS for z/OS and being managed by CICSplex SM.

The **Primary** key field for this resource class is JOURNALMODEL.

The following action is supported:

### DISCARD

Discard the journal model.

The DISCARD action requires no unique parameter data.

### External resource name

CICSJournalModel

### Length

128

### Usage

API or WUI or CICS Management Client Interface

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0076

Table 588. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 589. JRNLMODL resource table attributes										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Inval id	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved			
BASDEFINEVER	BINARY	CPSM			1	AVG	BAS resource definition version	0	E640 E650	15
CHANGEAGENT	CVDAS	INQ	JOURNALMOD EL	CHANGEAGEN T	4	LIKE	Last modification agent		E640 E650	6

Table 589. JRNLMODL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Description	Default	Get Inval id	Attr ID
CHANGEAGENT Input/ output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC									
CHANGEAGREL	CHAR	INQ	JOURNALMOD EL	CHANGEAGREL	4	DIFF	Last modification agent release		E640 E650	8
CHANGETIME	DATETIME	INQ	JOURNALMOD EL	CHANGETIME	8	MAX	Last modification time		E640 E650	9
CHANGEUSRID	CHAR	INQ	JOURNALMOD EL	CHANGEUSRID	8	DIFF	Last modification user ID		E640 E650	7
DEFINESOURCE	CHAR	INQ	JOURNALMOD EL	DEFINESOURC E	8	DIFF	Source of the resource definition		E640 E650	10
DEFINETIME	DATETIME	INQ	JOURNALMOD EL	DEFINETIME	8	MAX	Creation time		E640 E650	11
INSTALLAGENT	CV DAS	INQ	JOURNALMOD EL	INSTALLAGENT	4	LIKE	Installation agent		E640 E650	14
INSTALLAGENT Input/ output valid values	CSDAPI, CREATESPI, GRPLIST									
INSTALLTIME	DATETIME	INQ	JOURNALMOD EL	INSTALLTIME	8	MAX	Installation time		E640 E650	13
INSTALLUSRID	CHAR	INQ	JOURNALMOD EL	INSTALLUSRID	8	DIFF	Installation user ID		E640 E650	12
<b>JOURNALMODEL-1</b>	CHAR	INQ	JOURNALMOD EL	JOURNALMOD EL	8	DIFF	Journal model name			1
JOURNALNAME	CHAR	INQ	JOURNALMOD EL	JOURNALNAM E	8	DIFF	Journal name			2
STREAMNAME	CHAR	INQ	JOURNALMOD EL	STREAMNAME	26	DIFF	MVS log stream name			4
TYPE	CV DAS	INQ	JOURNALMOD EL	TYPE	4	LIKE	Log stream type			3
TYPE Output valid values	MVS, SMF, DUMMY									



## Chapter 259. JRNLNAME Resource Table

A CICS Resource that describes a journal in an active system running the CICS TS for z/OS and being managed by CICSplex SM.

The **Primary** key field for this resource class is JOURNALNAME.

The following actions are supported:

**DISCARD**

Discard the journal name.

**FLUSH**

Write the log buffers out to the log stream.

**RESET**

Disconnect the journal from the log stream.

These actions require no unique parameter data.

**External resource name**

CICSJournalName

**Length**

80

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0077

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	FLUSH	None	N/A
	RESET	None	N/A
	DISCARD	None	N/A

Table 591. JRNNAME resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	
JOURNALNAME-1	CHAR	INQ	JOURNALNAME	JOURNALNAME	8	DIFF	No	Journal name	1
NUMBUFLUSH	BINARY	STAT	DFHLGRDS	LGRBUFLSH	4	SUM	No	Number of buffer flush requests	8
NUMBYTES	BINARY	STAT	DFHLGRDS	LGRBYTES	8	AVG	No	Total number of bytes written	7
NUMWRITES	BINARY	STAT	DFHLGRDS	LGRWRITES	4	SUM	No	Number of journal writes	6
STATUS	CVDAS	INQ	JOURNALNAME	STATUS	4	LIKE	Yes	Journal status	2
STATUS Input/output valid values	ENABLED, DISABLED								
STATUS Output valid values	FAILED								
STREAMNAME	CHAR	INQ			26	DIFF	No	MVS log stream name	4
TYPE	CVDAS	INQ	JOURNALNAME	TYPE	4	LIKE	No	Log stream type	3
TYPE Output valid values	MVS, SMF, DUMMY								

## Chapter 260. JRNMDEF Resource Table

A CICS Definition that describes a journal model, which is the association between a CICS journal name and the MVS™ system log streams or the SMF log.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a Journal Model Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionJournalModel

### Length

184

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3803

<i>Table 592. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Value	Code	Description
1	JRNMDEF_INV_DATA	Attribute data invalid
2	JRNMDEF_REC_NOT_FOUND	Requested resource not found
4	JRNMDEF_REC_EXISTS	Resource already exists
5	JRNMDEF_REC_CHANGED	Resource definition already changed
6	JRNMDEF_INV_RESTYPE	Invalid resource type
7	JRNMDEF_INV_VER	Invalid resource version
11	JRNMDEF_NON_MP	Maintenance point CMAS not available
12	JRNMDEF_INV_CONTEXT	Context not found
13	JRNMDEF_INCONSISTENT_SET	Inconsistent set condition
14	JRNMDEF_INV_RESGROUP	Resource group not found
21	JRNMDEF_INV_ACTION	Invalid action
22	JRNMDEF_INV_RECADDR	Invalid record address
23	JRNMDEF_INV_RECLEN	Invalid record length
24	JRNMDEF_DIFF_VERSION	Different version
25	JRNMDEF_EARLY_NAMELIST_END	Early name list end
26	JRNMDEF_INV_NAMELIST	Invalid name list
27	JRNMDEF_INV_NAME	Invalid name
28	JRNMDEF_INV_MINNAME	Invalid minor name

Table 593. JRNMDEF FEEDBACK error codes (continued)

Value	Code	Description
29	JRNMDEF_NOTIFY	Notify
30	JRNMDEF_PARTIAL_INSTALL	Partial install
31	JRNMDEF_NOTHING_INSTALLED	Nothing installed
32	JRNMDEF_NO_TARGETS	No targets
33	JRNMDEF_NO_RELATED	No related systems
34	JRNMDEF_INV_TSCOPE	Invalid target scope
35	JRNMDEF_INV_RSCOPE	Invalid related scope
36	JRNMDEF_INV_USAGE	Invalid usage
37	JRNMDEF_INV_MODE	Invalid mode
38	JRNMDEF_INV_STATECHK	Invalid state check
39	JRNMDEF_INV_FORCEINS	Invalid force install
40	JRNMDEF_INV_NOTIFY	Invalid notify
41	JRNMDEF_INV_OVERTYPE	Invalid over type
42	JRNMDEF_INV_OVRBLOCK	Invalid override block
43	JRNMDEF_INV_ORSTRING	Invalid override string
44	JRNMDEF_INV_STRNGTERM	Invalid string term
45	JRNMDEF_INV_EMBEDTERM	Invalid embedded terminator
46	JRNMDEF_INV_ATTRIBUTE	Invalid attribute
47	JRNMDEF_INV_LITERAL	Invalid literal
48	JRNMDEF_INV_ORSTGNA	Invalid override string
49	JRNMDEF_SCOPE_REQUIRED	Scope required
50	JRNMDEF_USAGE_CONFLICT	Usage conflict
51	JRNMDEF_NODEFS_SELECTED	No definitions selected
52	JRNMDEF_MORE_THAN_1_RELSYS	More than one related system
53	JRNMDEF_MISSING_RELSYSID	Missing related system identifier
54	JRNMDEF_SCOPE_CONFLICT	Scope conflict
55	JRNMDEF_INV_CSDGROUP	Invalid CSD group
56	JRNMDEF_REC_NOT_REMOVED	Record not removed
57	JRNMDEF_INV_RESOURCE	Invalid resource
58	JRNMDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	JRNMDEF_PARTIAL_ACTION	Partial action
60	JRNMDEF_NOTHING_ACTIONED	Nothing actioned
61	JRNMDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 593. JRNMDEF FEEDBACK error codes (continued)

Value	Code	Description
62	JRNMDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	JRNMDEF_CSD_ERROR	CSD access error

Table 594. JRNMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	17
CHANGEAGENT Input/ output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	19
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	18
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				11
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	21
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		16
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				15
JOURNALNAME	CHAR	CPSM	8	No	DIFF	Journal name				8
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				7
STREAMNAME	CHAR	CPSM	26	No	DIFF	MVS log stream name				10
STREAMTYPE	CVDAS	CPSM	4	Yes	LIKE	Log stream type	MVS			9
STREAMTYPE Input/ output valid values	MVS, SMF, DUMMY									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				12
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				13
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				14

## Chapter 261. JVM Resource Table

A CICS Resource that provides information about a JVM. This resource is not supported in CICS TS for z/OS, Version 5.1 and later versions.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSJVM

**Length**

56

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0137

<i>Table 595. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A

<i>Table 596. JVM resource table attributes</i>								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
AGE	BINARY	INQ	JVM	AGE	4	AVG	Number of seconds since the pooled JVM was initialised	3
ALLOCAGE	BINARY	INQ	JVM	ALLOCAGE	4	AVG	Number of seconds pooled JVM has been allocated to task	6
CLASSCACHEST	CVDAS	INQ	JVM	CLASSCACHEST	4	LIKE	Class cache status	7
CLASSCACHEST Output valid values	CLASSCACHE, NOCLASSCACHE							
EXECKEY	CVDAS	INQ	JVM	EXECKEY	4	LIKE	Execution key of the pooled JVM	4
EXECKEY Output valid values	CICSEXECKEY, USEREXECKEY							

Table 596. JVM resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
NAME-1	BINARY	INQ	JVM	JVM	4	MAX	Java Virtual Machine	1
PHASINGOUTST	CVDAS	INQ	JVM	PHASINGOUTST	4	LIKE	Phasing out status	8
PHASINGOUTST Output valid values	PHASEOUT, NOPHASEOUT							
PROFILE	CHAR	INQ	JVM	PROFILE	8	DIFF	Profile used to initialise the pooled JVM	2
REUSEST	CVDAS	INQ	JVM	REUSEST	4	LIKE	JVM reuse status	9
REUSEST Output valid values	REUSE, NOREUSE, RESET							
TASK	DECIMAL	INQ	JVM	TASK	4	AVG	Task to which the pooled JVM is allocated	5



## Chapter 262. JVMPOOL Resource Table

A CICS Resource that provides information about the pool of JVMs in the CICS address space. This resource is not supported in CICS TS for z/OS, Version 5.1 and later versions.

The following actions are supported:

### SET

Set a CICS system attribute according to the new value you specify in an overtype field.

### DISABLE

Set the pool status to disabled.

### ENABLE

Set the pool status to enabled.

### FORCE

Terminate all tasks using JVMs in the pool by the CICS SET TASK FORCEPURGE mechanism.

### PHASEOUT

Mark JVMs for deletion.

### PURGE

Terminate all tasks using JVMs in the pool by the CICS SET TASK PURGE mechanism.

### START

Start one or more JVMs using the specified JVM profile and execution key.

### External resource name

CICSJVMPool

### Length

1272

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0114

<i>Table 597. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A

Table 597. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	DISABLE	None	N/A
	PHASEOUT	JVMPROFILE(value)	No
	PURGE	JVMPROFILE(value)	No
	FORCEPURGE	JVMPROFILE(value)	No
	START	EXECKEY(CICSEXECKEY, USEREXECKEY)	Yes
		JVMCOUNT(value)	Yes
		JVMPROFILE(value)	Yes

Table 598. JVMPOOL resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		
JVMLVLOTRACE	CHAR	INQ	JVMPOOL	STATUS	240	DIFF	Yes	JVM LVL0 Trace control		15
JVMLVL1TRACE	CHAR	INQ	JVMPOOL	STATUS	240	DIFF	Yes	JVM LVL1 Trace control		16
JVMLVL2TRACE	CHAR	INQ	JVMPOOL	STATUS	240	DIFF	Yes	JVM LVL2 Trace control		17
JVMUSERTRACE	CHAR	INQ	JVMPOOL	STATUS	240	DIFF	Yes	JVM USER Trace control		18
PHASINGOUT	BINARY	INQ	JVMPOOL	PHASINGOUT	4	AVG	No	Number of Java virtual machines (JVM) for removal		1
PROFILEDIR	CHAR	INQ			240	DIFF	No	JVM profile directory	E640 E650	23
SJGCURRCACHE	BINARY	STAT	DFHSJGDS	SJG_CURRENT_CACHE_JVMS	4	AVG	No	Current pooled (class cache) JVMs		19
SJGCURRJVMS	BINARY	STAT	DFHSJGDS	SJG_CURRENT_JVMS	4	AVG	No	Number of current JVMs		8
SJGPEAKCACHE	BINARY	STAT	DFHSJGDS	SJG_PEAK_CACHE_JVMS	4	AVG	No	Peak pooled (class cache) JVMs		20
SJGPEAKJVMS	BINARY	STAT	DFHSJGDS	SJG_PEAK_JVMS	4	AVG	No	Peak number of JVMs		9
SJGREQSCACHE	BINARY	STAT	DFHSJGDS	SJG_JVM_REQS_RESET	4	AVG	No	JVM requests - class cache		21
SJGREQSINIT	BINARY	STAT	DFHSJGDS	SJG_JVM_REQS_INIT	4	AVG	No	Number of JVM requests with JVM initialised		12
SJGREQSMISMA	BINARY	STAT	DFHSJGDS	SJG_JVM_REQS_MISMATCH	4	AVG	No	Number of JVM requests with JVM mismatch		13
SJGREQSRESET	BINARY	STAT			4	AVG	No	Number of JVM requests with JVM reset	E650 +	22
SJGREQSREUSE	BINARY	STAT	DFHSJGDS	SJG_JVM_REQS_REUSE	4	AVG	No	Number of JVM requests with JVM reuse		11
SJGREQSTERMI	BINARY	STAT	DFHSJGDS	SJG_JVM_REQS_TERMINATE	4	AVG	No	Number of JVM requests with JVM terminated		14
SJGREQSTOTAL	BINARY	STAT	DFHSJGDS	SJG_JVM_REQS_TOTAL	4	AVG	No	Total number of JVM program requests		10

Table 598. JVMPOOL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
STATUS	CVDAS	INQ	JVMPOOL	STATUS	4	LIKE	Yes	Status of Java virtual machine (JVM) pool		2
STATUS Input/output valid values	ENABLED, DISABLED									
TOTAL	BINARY	INQ	JVMPOOL	TOTAL	4	AVG	No	Number of pre-initialized Java virtual machines		3



## Chapter 263. JVMPROF Resource Table

A CICS Resource that provides information about a JVM profile. This resource is not supported in CICS TS for z/OS, Version 5.1 and later versions.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSJVMProfile

**Length**

384

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0138

Table 599. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 600. JVMPROF resource table attributes									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		
CCURPROFUSE	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_CURR_PRO FILE_USE	4	AVG	Current JVM profile CICS key use count		11
CJVMDESTRSOS	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_JVMS_DEST ROYED_SOS	4	AVG	Times JVMs CICS key destroyed by 'SOS' action		27
CJVMHEAPHWM	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_JVM_HEAP_ HWM	4	AVG	Heap peak for CICS key JVMs		25
CJVMSUNRESET	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_JVMS_UNR ESETTABLE	4	AVG	Number of CICS key JVMs not resettable	E650 +	17
CLASSCACHEST	CVDAS	INQ	JVMPROFILE	CLASSCACHEST	4	LIKE	Class cache status		4
CLASSCACHEST Output valid values	CLASSCACHE, NOCLASSCACHE								

Table 600. JVMPROF resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
CLEHEAPHWM	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_LE_HEAP_H WM	4	AVG	Peak Language Environment heap used (CICS key)		23
CMISMAVICTIM	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_MISMATCH _VICTIM	4	AVG	Number of times CICS key mismatch victim		21
CMISMSTEALER	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_MISMATCH _STEALER	4	AVG	Number of times CICS key mismatch stealer		19
CNEWJVMSCRT	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_NEW_JVMS _CREATED	4	AVG	New CICS key JVMs created		15
CPEAKPROFUSE	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_PEAK_PROF ILE_USE	4	AVG	Peak JVM profile CICS key use count		13
CPROFILEREQS	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_PROFILE_R EQUESTS	4	AVG	JVM profile CICS key request count		9
CPROFXMXVALU	CHAR	STAT	SJR_PROFILE_M ODE_STATS	SJR_PROFILE_X MX_VALUE	8	DIFF	JVM profile CICS -Xmx value		29
HFSNAME	CHAR	INQ	JVMPROFILE	HFSNAME	25 5	DIFF	Full path name of the zFS file		2
<b>NAME-1</b>	CHAR	INQ	JVMPROFILE	JVMPROFILE	8	DIFF	Name as used in a program definition		1
REUSEST	CVDAS	INQ			4	LIKE	JVM reuse status		5
REUSEST Output valid values	REUSE, NOREUSE, RESET								
UCURPROFUSE	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_CURR_PRO FILE_USE	4	AVG	Current JVM profile USER key use count		12
UJVMDESTRSOS	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_JVMS_DEST ROYED_SOS	4	AVG	Times JVMs USER key destroyed by 'SOS' action		28
UJVMHEAPHWM	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_JVM_HEAP_ HWM	4	AVG	Heap peak for user key JVMs		26
UJVMSUNRESET	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_JVMS_UNR ESETTABLE	4	AVG	Number of USER key JVMs not resettable	E650 +	18
ULEHEAPHWM	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_LE_HEAP_H WM	4	AVG	Peak Language Environment heap used (USER key)		24
UMISMAVICTIM	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_MISMATCH _VICTIM	4	AVG	Number of times USER key mismatch victim		22
UMISMSTEALER	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_MISMATCH _STEALER	4	AVG	Number of times USER key mismatch stealer		20
UNEWJVMSCRT	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_NEW_JVMS _CREATED	4	AVG	New USER key JVMs created		16
UPEAKPROFUSE	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_PEAK_PROF ILE_USE	4	AVG	Peak JVM profile USER key use count		14
UPROFILEREQS	BINARY	STAT	SJR_PROFILE_M ODE_STATS	SJR_PROFILE_R EQUESTS	4	AVG	JVM profile USER key request count		10
UPROFXMXVALU	CHAR	STAT	SJR_PROFILE_M ODE_STATS	SJR_PROFILE_X MX_VALUE	8	DIFF	JVM profile USER -Xmx value		30

## Chapter 264. JVMSERV Resource Table

A CICS resource that provides information about an installed JVM server.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### DISABLE

Disable the JVMSERVER resource to stop the JVM server runtime environment.

### DISCARD

Discard the JVMSERVER resource definition. The resource must be disabled.

### ENABLE

Enable the JVMSERVER resource to start the JVM server runtime environment.

### SET

Set a CICS system attribute according to the new value you specify in an overtime field.

### External resource name

CICSJVMServer

### Length

536

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0194

<i>Table 601. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A
	DISABLE	PURGETYPE(PHASEOUT, PURGE, FORCEPURGE, KILL)	No
	DISCARD	None	N/A

Table 602. JVMSEVR resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0		12
CHANGEAGENT	CVDAS	INQ	JVMSEVR	CHANGEAGENT	4	LIK E	No	Last modification agent			5
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC, SYSTEM										
CHANGEAGREL	CHAR	INQ	JVMSEVR	CHANGEAGREL	4	DIF F	No	Last modification agent release			6
CHANGETIME	DATETIME	INQ	JVMSEVR	CHANGETIME	8	MAX	No	Last modification time			7
CHANGEUSRID	CHAR	INQ	JVMSEVR	CHANGEUSRID	8	DIF F	No	Last modification user ID			4
CURRENTHEAP	BINARY	INQ	JVMSEVR	INSTALLTIME	8	MAX	No	Current Heap size		E640 E650 E660	24
DEFINESOURCE	CHAR	INQ	JVMSEVR	DEFINESOURCE	8	DIF F	No	Source of the resource definition			8
DEFINETIME	DATETIME	INQ	JVMSEVR	DEFINETIME	8	MAX	No	Creation time			9
ENABLESTATUS	CVDAS	CPSM	JVMSEVR	ENABLESTATUS	4	LIK E	Yes	Enable status			2
ENABLESTATUS Input/output valid values	ENABLED, DISABLED										
ENABLESTATUS Output valid values	ENABLING, DISABLING, DISCARDING										
GCPOLICY	CHAR	INQ	JVMSEVR	INSTALLTIME	32	MIN	No	The garbage collection policy		E640 E650 E660	25
INITHEAP	BINARY	INQ	JVMSEVR	INSTALLTIME	8	MIN	No	Initial Heap size		E640 E650 E660	26
INSTALLAGENT	CVDAS	INQ	JVMSEVR	INSTALLAGENT	4	LIK E	No	Installation agent		E640 E650	3
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST, BUNDLE, SYSTEM										
INSTALLTIME	DATETIME	INQ	JVMSEVR	INSTALLTIME	8	MAX	No	Installation time			11
INSTALLUSRID	CHAR	INQ	JVMSEVR	INSTALLUSRID	8	DIF F	No	Installation user ID			10
JVMPROFILE	CHAR	INQ	JVMSEVR	JVMPROFILE	8	MIN	No	JVM profile name			14
LERUNOPTS	CHAR	INQ	JVMSEVR	LERUNOPTS	8	MIN	No	LE runtime options program			15
MAXHEAP	BINARY	INQ	JVMSEVR	INSTALLTIME	8	MAX	No	Maximum Heap size		E640 E650 E660	27
<b>NAME-1</b>	CHAR	INQ	JVMSEVR	JVMSEVR	8	DIF F	No	JVM server name			1
OCCUPANCY	BINARY	INQ	JVMSEVR	INSTALLTIME	8	MAX	No	Heap occupancy		E640 E650 E660	28



Table 602. JVMSEVR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
PEAKHEAP	BINARY	STAT	DFHSJSDS	SJS_JVMSEVER_PEAK_HEAP	8	MAX	No	Peak Heap size		E640 E650 E660	37
PID	BINARY	INQ	JVMSEVER	INSTALLTIME	4	MIN	No	JVM process id		E640 E650 E660	29
PROFIEDIR	CHAR	INQ			240	DIF	No	JVM profile directory		E640 E650 E660 E670	46
SRVCRTTMEGMT	DATETIME	STAT	DFHSJSDS	SJS_JVMSEVER_JVM_CREATION_GMT	8	MIN	No	JVM creation time (GMT)		E640 E650 E660	35
SRVCRTTMELCL	DATETIME	STAT	DFHSJSDS	SJS_JVMSEVER_JVM_CREATION_LCL	8	MIN	No	JVM creation time (Local time)		E640 E650 E660	36
SRVGCMJRCNT	BINARY	STAT	DFHSJSDS	SJS_JVMSEVER_MJR_GC_EVENTS	4	MAX	No	Number of major garbage collection events		E640 E650 E660	38
SRVGCMJRCPU	BINARY	STAT	DFHSJSDS	SJS_JVMSEVER_MJR_GC_CPU	8	MAX	No	Total CPU used by major garbage collection		E640 E650 E660	39
SRVGCMJRFRD	BINARY	STAT	DFHSJSDS	SJS_JVMSEVER_MJR_HEAP_FREED	8	MAX	No	Heap freed by major garbage collection		E640 E650 E660	40
SRVGCMNRCNT	BINARY	STAT	DFHSJSDS	SJS_JVMSEVER_MNR_GC_EVENTS	4	MAX	No	Number of minor garbage collection events		E640 E650 E660	41
SRVGCMNRCPU	BINARY	STAT	DFHSJSDS	SJS_JVMSEVER_MNR_GC_CPU	8	MAX	No	Total CPU used by minor garbage collection		E640 E650 E660	42
SRVGCMNRFRD	BINARY	STAT	DFHSJSDS	SJS_JVMSEVER_MNR_HEAP_FREED	8	MAX	No	Heap freed by minor garbage collection		E640 E650 E660	43
SRVSYSTHCNT	BINARY	STAT	DFHSJSDS	SJS_JVMSEVER_SYS_USE_COUNT	4	MAX	No	JVM server system thread use count		E640 E650 E660	30
SRVSYSTHDWT	BINARY	STAT	DFHSJSDS	SJS_JVMSEVER_SYS_WAITED	4	MAX	No	Number of system thread waits		E640 E650 E660	31
SRVSYSTHNWT	BINARY	STAT	DFHSJSDS	SJS_JVMSEVER_SYS_WAIT_CUR	4	MAX	No	Number of tasks waiting for a system thread		E640 E650 E660	33
SRVSYSTHPWT	BINARY	STAT	DFHSJSDS	SJS_JVMSEVER_SYS_WAIT_HWM	4	MAX	No	Peak number of waiting system threads		E640 E650 E660	34
SRVSYSTHWTT	BINARY	STAT	DFHSJSDS	SJS_JVMSEVER_SYS_WAITED_TIME	4	MAX	No	Total system thread waiting time		E640 E650 E660	32
SRVTHRCURR	BINARY	STAT	DFHSJSDS	SJS_JVMSEVER_THREAD_CURRENT	4	AVG	No	Current number of threads			18
SRVTHRHWM	BINARY	STAT	DFHSJSDS	SJS_JVMSEVER_THREAD_HWM	4	AVG	No	Peak number of threads			19
SRVTHRWAITS	BINARY	STAT	DFHSJSDS	SJS_JVMSEVER_THREAD_WAITS	4	AVG	No	Number of thread waits			20

Table 602. JVMSEV resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
SRVTHRWCURR	BINARY	STAT	DFHSJSDS	SJS_JVMSEV ER_THREAD_ WAIT_CUR	4	AVG	No	Current number of waiting threads			22
SRVTHRWHWM	BINARY	STAT	DFHSJSDS	SJS_JVMSEV ER_THREAD_ WAIT_HWM	4	AVG	No	Peak number of waiting threads			23
SRVTHRWTIME	SCLOCK	STAT	DFHSJSDS	SJS_JVMSEV ER_THREAD_ WAIT_TIME	8	AVG	No	Total thread waiting time			21
SRVUSECOUNT	BINARY	STAT	DFHSJSDS	SJS_JVMSEV ER_USE_CO UNT	4	SUM	No	JVM server task count			17
THREADLIMIT	BINARY	INQ	JVMSEV	THREADLIMIT	4	MAX	Yes	Maximum number of threads			16

## Chapter 265. JVMSVDEF Resource Table

A CICS definition that describes a JVM server.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported.

### CREATE

Create a JVMSERVER resource that represents the JVM server in CICS.

### INSTALL

Install a JVMSERVER resource so that the JVM server is available in CICS.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionJVMServer

### Length

168

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3841

<i>Table 603. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No

Table 603. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 604. JVMSVDEF FEEDBACK error codes

Value	Code	Description
1	JVMSVDEF_INV_DATA	Attribute data invalid
2	JVMSVDEF_REC_NOT_FOUND	Requested resource not found
4	JVMSVDEF_REC_EXISTS	Resource already exists
5	JVMSVDEF_REC_CHANGED	Resource definition already changed
6	JVMSVDEF_INV_RESTYPE	Invalid resource type
7	JVMSVDEF_INV_VER	Invalid resource version
11	JVMSVDEF_NON_MP	Maintenance point CMAS not available
12	JVMSVDEF_INV_CONTEXT	Context not found
13	JVMSVDEF_INCONSISTENT_SET	Inconsistent set condition
14	JVMSVDEF_INV_RESGROUP	Resource group not found
21	JVMSVDEF_INV_ACTION	Invalid action
22	JVMSVDEF_INV_RECADDR	Invalid record address
23	JVMSVDEF_INV_RECLEN	Invalid record length
24	JVMSVDEF_DIFF_VERSION	Different version
25	JVMSVDEF_EARLY_NAMELIST_END	Early name list end
26	JVMSVDEF_INV_NAMELIST	Invalid name list

Table 604. JVMSVDEF FEEDBACK error codes (continued)

Value	Code	Description
27	JVMSVDEF_INV_NAME	Invalid name
28	JVMSVDEF_INV_MINNAME	Invalid minor name
29	JVMSVDEF_NOTIFY	Notify
30	JVMSVDEF_PARTIAL_INSTALL	Partial install
31	JVMSVDEF_NOTHING_INSTALLED	Nothing installed
32	JVMSVDEF_NO_TARGETS	No targets
33	JVMSVDEF_NO_RELATED	No related systems
34	JVMSVDEF_INV_TSCOPE	Invalid target scope
35	JVMSVDEF_INV_RSCOPE	Invalid related scope
36	JVMSVDEF_INV_USAGE	Invalid usage
37	JVMSVDEF_INV_MODE	Invalid mode
38	JVMSVDEF_INV_STATECHK	Invalid state check
39	JVMSVDEF_INV_FORCEINS	Invalid force install
40	JVMSVDEF_INV_NOTIFY	Invalid notify
41	JVMSVDEF_INV_OVERTYPE	Invalid over type
42	JVMSVDEF_INV_OVRBLOCK	Invalid override block
43	JVMSVDEF_INV_ORSTRING	Invalid override string
44	JVMSVDEF_INV_STRNGTERM	Invalid string term
45	JVMSVDEF_INV_EMBEDTERM	Invalid embedded terminator
46	JVMSVDEF_INV_ATTRIBUTE	Invalid attribute
47	JVMSVDEF_INV_LITERAL	Invalid literal
48	JVMSVDEF_INV_ORSTGNA	Invalid override string
49	JVMSVDEF_SCOPE_REQUIRED	Scope required
50	JVMSVDEF_USAGE_CONFLICT	Usage conflict
51	JVMSVDEF_NODEFS_SELECTED	No definitions selected
52	JVMSVDEF_MORE_THAN_1_RELSYS	More than one related system
53	JVMSVDEF_MISSING_RELSYSID	Missing related system identifier
54	JVMSVDEF_SCOPE_CONFLICT	Scope conflict
55	JVMSVDEF_INV_CSDGROUP	Invalid CSD group
56	JVMSVDEF_REC_NOT_REMOVED	Record not removed
57	JVMSVDEF_INV_RESOURCE	Invalid resource
58	JVMSVDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	JVMSVDEF_PARTIAL_ACTION	Partial action
60	JVMSVDEF_NOTHING_ACTIONED	Nothing actioned

Table 604. JVMSVDEF FEEDBACK error codes (continued)

Value	Code	Description
61	JVMSVDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	JVMSVDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	JVMSVDEF_CSD_ERROR	CSD access error

Table 605. JVMSVDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	4
CHANGEAGENT Input/ output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	7
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	6
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				5
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	22
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		21
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				20
JVMPROFILE	CHAR	CPSM	8	Yes	DIFF	JVM profile name				16
LERUNOPTS	CHAR	CPSM	8	No	DIFF	LE runtime options program	DFHAXRO			18
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				12
STATUS	CVDAS	CPSM	4	Yes	LIKE	Enabled Status	ENABLED			17
STATUS Input/output valid values	ENABLED, DISABLED									
THREADLIMIT	CHAR	CPSM	3	No	DIFF	Maximum number of threads	15	1-256		19
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				13
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				14
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				15

## Chapter 266. LIBDEF Resource Table

A CICS definition that describes a dynamic LIBRARY

The **Primary** key fields for this resource class are NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### **ADDTGRP**

Add the LIBRARY to the resource group.

### **CREATE**

Create a LIBRARY definition and add it to the data repository.

### **GET**

Get the LIBRARY definition.

### **INSTALL**

Install a LIBRARY definition in an active system.

### **REMOVE**

Remove a LIBRARY definition from the data repository.

### **UPDATE**

Update a LIBRARY definition and add it to the data repository.

### **External resource name**

CICSDefinitionLIBRARY

### **Length**

856

### **Usage**

API or Batch Utility or WUI or CICS Management Client Interface

### **API view**

No

### **CMAS context**

No

### **SCOPE applies**

No

### **Only query CMASs in workload**

No

### **Object type**

CICS Definition

### **Copybook identifier**

EYUt3837

<i>Table 606. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No

<i>Table 606. Valid CPSM operations (continued)</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

<i>Table 607. LIBDEF FEEDBACK error codes</i>		
<b>Value</b>	<b>Code</b>	<b>Description</b>
1	LIBDEF_INV_DATA	Attribute data invalid
2	LIBDEF_REC_NOT_FOUND	Requested resource not found
4	LIBDEF_REC_EXISTS	Resource already exists
5	LIBDEF_REC_CHANGED	Resource definition already changed
6	LIBDEF_INV_RESTYPE	Invalid resource type
7	LIBDEF_INV_VER	Invalid resource version
11	LIBDEF_NON_MP	Maintenance point CMAS not available
12	LIBDEF_INV_CONTEXT	Context not found
13	LIBDEF_INCONSISTENT_SET	Inconsistent set condition
14	LIBDEF_INV_RESGROUP	Resource group not found
21	LIBDEF_INV_ACTION	Invalid action
22	LIBDEF_INV_RECADDR	Invalid record address



Table 607. LIBDEF FEEDBACK error codes (continued)

<b>Value</b>	<b>Code</b>	<b>Description</b>
23	LIBDEF_INV_RECLEN	Invalid record length
24	LIBDEF_DIFF_VERSION	Different version
25	LIBDEF_EARLY_NAMELIST_END	Early name list end
26	LIBDEF_INV_NAMELIST	Invalid name list
27	LIBDEF_INV_NAME	Invalid name
28	LIBDEF_INV_MINNAME	Invalid minor name
29	LIBDEF_NOTIFY	Notify
30	LIBDEF_PARTIAL_INSTALL	Partial install
31	LIBDEF_NOTHING_INSTALLED	Nothing installed
32	LIBDEF_NO_TARGETS	No targets
33	LIBDEF_NO_RELATED	No related systems
34	LIBDEF_INV_TSCOPE	Invalid target scope
35	LIBDEF_INV_RSCOPE	Invalid related scope
36	LIBDEF_INV_USAGE	Invalid usage
37	LIBDEF_INV_MODE	Invalid mode
38	LIBDEF_INV_STATECHK	Invalid state check
39	LIBDEF_INV_FORCEINS	Invalid force install
40	LIBDEF_INV_NOTIFY	Invalid notify
41	LIBDEF_INV_OVERTYPE	Invalid over type
42	LIBDEF_INV_OVRBLOCK	Invalid override block
43	LIBDEF_INV_ORSTRING	Invalid override string
44	LIBDEF_INV_STRNGTERM	Invalid string term
45	LIBDEF_INV_EMBEDTERM	Invalid embedded terminator
46	LIBDEF_INV_ATTRIBUTE	Invalid attribute
47	LIBDEF_INV_LITERAL	Invalid literal
48	LIBDEF_INV_ORSTGNA	Invalid override string
49	LIBDEF_SCOPE_REQUIRED	Scope required
50	LIBDEF_USAGE_CONFLICT	Usage conflict
51	LIBDEF_NODEFS_SELECTED	No definitions selected
52	LIBDEF_MORE_THAN_1_RELSYS	More than one related system
53	LIBDEF_MISSING_RELSYSID	Missing related system identifier
54	LIBDEF_SCOPE_CONFLICT	Scope conflict
55	LIBDEF_INV_CSDGROUP	Invalid CSD group
56	LIBDEF_REC_NOT_REMOVED	Record not removed

Table 607. LIBDEF FEEDBACK error codes (continued)

Value	Code	Description
57	LIBDEF_INV_RESOURCE	Invalid resource
58	LIBDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	LIBDEF_PARTIAL_ACTION	Partial action
60	LIBDEF_NOTHING_ACTIONED	Nothing actioned
61	LIBDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	LIBDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	LIBDEF_CSD_ERROR	CSD access error

Table 608. LIBDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	33
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	35
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	34
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				27
CRITICAL	EYUDA	CPSM	4	Yes	LIKE	Critical status	NO			8
CRITICAL Input/output valid values	YES, NO									
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	37
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		32
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				31
DSNAME01	CHAR	CPSM	44	No	DIFF	Data set name 01				11
DSNAME02	CHAR	CPSM	44	No	DIFF	Data set name 02				12
DSNAME03	CHAR	CPSM	44	No	DIFF	Data set name 03				13
DSNAME04	CHAR	CPSM	44	No	DIFF	Data set name 04				14
DSNAME05	CHAR	CPSM	44	No	DIFF	Data set name 05				15
DSNAME06	CHAR	CPSM	44	No	DIFF	Data set name 06				16
DSNAME07	CHAR	CPSM	44	No	DIFF	Data set name 07				17
DSNAME08	CHAR	CPSM	44	No	DIFF	Data set name 08				18
DSNAME09	CHAR	CPSM	44	No	DIFF	Data set name 09				19
DSNAME10	CHAR	CPSM	44	No	DIFF	Data set name 10				20
DSNAME11	CHAR	CPSM	44	No	DIFF	Data set name 11				21
DSNAME12	CHAR	CPSM	44	No	DIFF	Data set name 12				22
DSNAME13	CHAR	CPSM	44	No	DIFF	Data set name 13				23

Table 608. LIBDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
DSNAME14	CHAR	CPSM	44	No	DIFF	Data set name 14				24
DSNAME15	CHAR	CPSM	44	No	DIFF	Data set name 15				25
DSNAME16	CHAR	CPSM	44	No	DIFF	Data set name 16				26
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				7
RANKING	CHAR	CPSM	2	Yes	MIN	Ranking	50	1-99		10
STATUS	EYUDA	CPSM	4	Yes	LIKE	Enabled status	ENABLED			9
STATUS Input/output valid values	ENABLED, DISABLED									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				28
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				29
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				30



## Chapter 267. LIBDSN Resource Table

A CICS definition that describes the data sets that make up a LIBRARY concatenation.

The **Primary** key field for this resource class is LIBRARY.

The **Secondary** key field for this resource class is DSNUM.

**Note:** The PLATFORM, APPLICATION, APPLMAJORVER, APPLMINORVER, and APPLMICROVER parameters are all required when the GET operation is in the context of an application that is deployed on a platform.

**External resource name**

CICSLIBRARYDataSetName

**Length**

88

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0173

*Table 609. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		APPLICATION(value)	No
		APPLMAJORVER(value)	No
		APPLMICROVER(value)	No
		APPLMINORVER(value)	No
		PLATFORM(value)	No

*Table 610. LIBDSN resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
DSNAME	CHAR	INQ			44	DIFF	Data set name	3
DSNSEARCHPOS	CNUMERIC	CPSM			8	MAX	Data set search enumerator	6

Table 610. LIBDSN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
<b>DSNUM-2</b>	BINARY	INQ			4	MAX	LIBRARY data set number	2
<b>LIBRARY-1</b>	CHAR	INQ	LIBRARY	LIBRARY	8	DIFF	LIBRARY name	1
SEARCHPOS	BINARY	INQ	LIBRARY	SEARCHPOS	4	MAX	Search position	7

## Chapter 268. LIBINGRP Resource Table

A CPSM Business Application Services definition that describes the membership of a LIBRARY definition (LIBDEF) in a resource group (RESGROUP). A LIBDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is LIBGROUP.

The **Secondary** key field for this resource class is LIBNAME.

The **Tertiary** key field for this resource class is LIBVER.

The following actions are supported:

### GET

Get the name of the LIBRARY.

### CREATE

Create an association between a LIBRARY definition and a resource group.

### REMOVE

Remove an association between a LIBRARY definition and a resource group, from the data repository

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6182

<i>Table 611. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 612. LIBINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	LIBINGRP_INV_DATA	Attribute data invalid
2	LIBINGRP_REC_NOT_FOUND	Requested resource not found

Table 612. LIBINGRP FEEDBACK error codes (continued)

Value	Code	Description
4	LIBINGRP_REC_EXISTS	Resource already exists
6	LIBINGRP_INV_RESTYPE	Invalid resource type
7	LIBINGRP_INV_VER	Invalid resource version
11	LIBINGRP_NON_MP	Maintenance point CMAS not available
12	LIBINGRP_INV_CONTEXT	Context not found
21	LIBINGRP_INCONSISTENT_SET	Inconsistent set
22	LIBINGRP_DIFF_VERSION	Different version
23	LIBINGRP_INV_NAME	Invalid name
24	LIBINGRP_INV_MINNAME	Invalid minor name

Table 613. LIBINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>LIBGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>LIBNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Connection definition name	6
<b>LIBVER-3</b>	BINARY	CPSM	1	Yes	AVG	Connection definition version	7



## Chapter 269. LIBRARY Resource Table

A CICS resource that describes a LIBRARY in an active system being managed by CICSplex SM

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**DISABLE**

Disable the LIBRARY.

**DISCARD**

Remove the installed LIBRARY.

**ENABLE**

Enable the LIBRARY.

These actions require no unique parameter data.

**Note:** The PLATFORM, APPLICATION, APPLMAJORVER, APPLMINORVER, and APPLMICROVER parameters are all required when the GET operation is in the context of an application that is deployed on a platform.

**External resource name**

CICSLIBRARY

**Length**

112

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0172

<i>Table 614. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		APPLICATION(value)	No
		APPLMAJORVER(value)	No
		APPLMICROVER(value)	No
		APPLMINORVER(value)	No
		PLATFORM(value)	No
SET		None	N/A

Table 614. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
PERFORM SET	DISABLE	None	N/A
	ENABLE	None	N/A
	DISCARD	None	N/A

Table 615. LIBRARY resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	17
CHANGEAGENT	CVDAS	INQ	LIBRARY	SEARCHPOS	4	LIK E	No	Last modification agent		E640 E650	9
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, SYSTEM, CREATESPI, NOTAPPLIC										
CHANGEAGREL	CHAR	INQ	LIBRARY	SEARCHPOS	4	DIF F	No	Last modification agent release		E640 E650	10
CHANGETIME	DATETIME	INQ	LIBRARY	SEARCHPOS	8	MAX	No	Last modification time		E640 E650	11
CHANGEUSRID	CHAR	INQ	LIBRARY	SEARCHPOS	8	DIF F	No	Last modification user ID		E640 E650	8
CRITSTATUS	CVDAS	INQ	LIBRARY	RANKING	4	LIK E	Yes	Critical status			3
CRITSTATUS Input/output valid values	CRITICAL, NONCRITICAL										
DEFINESOURCE	CHAR	INQ	LIBRARY	SEARCHPOS	8	DIF F	No	Source of the resource definition		E640 E650	12
DEFINETIME	DATETIME	INQ	LIBRARY	SEARCHPOS	8	MAX	No	Creation time		E640 E650	13
ENABLESTATUS	CVDAS	INQ	LIBRARY	ENABLESTATUS	4	LIK E	Yes	Enable status			4
ENABLESTATUS Input/output valid values	DISABLED, ENABLED										
ENABLESTATUS Output valid values	DISABLING, ENABLING, DISCARDING										
INSTALLAGENT	CVDAS	INQ	LIBRARY	SEARCHPOS	4	LIK E	No	Installation agent		E640 E650	16
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, SYSTEM, GRPLIST, BUNDLE										
INSTALLTIME	DATETIME	INQ			8	MAX	No	Installation time		E640 E650	15
INSTALLUSRID	CHAR	INQ	LIBRARY	SEARCHPOS	8	DIF F	No	Installation user ID		E640 E650	14
<b>NAME-1</b>	CHAR	INQ	LIBRARY	LIBRARY	8	DIF F	No	LIBRARY name			1
NUMDSNAMES	BINARY	INQ	LIBRARY	NUMDSNAMES	4	SUM	No	Number of DSNAMES			5

Table 615. LIBRARY resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Su m	Set	Description	Default	Get Inval id	Attr ID
PGMLOADCNT	BINARY	STAT	DFHLDBDS	LDB_LIBRARY _PROG_LOAD S	4	SUM	No	Program load count			7
RANKING	BINARY	INQ	LIBRARY	RANKING	4	MIN	Yes	Ranking			2
SEARCHPOS	BINARY	INQ	LIBRARY	SEARCHPOS	4	MAX	No	Search position			6



## Chapter 270. LNKSMSCG Resource Table

A CPSM Topology Definition that describes the link between a CICS system group and a monitor specification (MONSPEC). LNKSMSCG objects are used to generate multiple implicit linkages of CICS systems that are members of the named system group to a MONSPEC.

The **Primary** key field for this resource class is SPEC.

The **Secondary** key field for this resource class is GROUP.

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

### External resource name

CICSMonitorSpecificationsToSystemGroup

### Length

56

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Definition

### Copybook identifier

EYUt5633

<i>Table 616. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		FORCE	No
		NONE	No
		NULL	No
REMOVE		KEEP	Yes
		NONE	Yes
PERFORM SET	CHGSPEC	FORCE	Yes
		KEEP	Yes
		NAME	Yes
		NEW_SPECNAME(value)	Yes

Table 616. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		NULL	Yes

Table 617. LNKSMSCG FEEDBACK error codes

Value	Code	Description
1	LNKSMSCG_INV_DATA	Attribute data invalid
2	LNKSMSCG_REC_NOT_FOUND	Requested resource not found
3	LNKSMSCG_INV_REFERENCE	Attribute references an invalid resource
4	LNKSMSCG_REC_EXISTS	Association already exists
6	LNKSMSCG_SPEC_NOT_FOUND	Specification name not found
7	LNKSMSCG_UNK_OLDSPEC	Unknown old specification name
8	LNKSMSCG_UNK_NEWSPEC	Unknown new specification name
9	LNKSMSCG_UNK_SPECNAME	Specification name does not exist
10	LNKSMSCG_INV_OLDSPEC	Invalid old specification name
11	LNKSMSCG_INV_NEWSPEC	Invalid new specification name
12	LNKSMSCG_MISSING_QUE	Missing queue
13	LNKSMSCG_LNKASSOC_EXISTS	Different association exists

Table 618. LNKSMSCG resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	7
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	10
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	9
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	8
<b>GROUP-2</b>	CHAR	CPSM	8	Yes	DIFF	System group	6
<b>SPEC-1</b>	CHAR	CPSM	8	Yes	DIFF	Monitor specification	5

## Chapter 271. LNKSMSCS Resource Table

A CPSM Topology Definition that describes the link between a CICS system and a monitor specification (MONSPEC). LNKSMSCS objects can be created via an explicit reference to a CICS system or implicitly via a LNKSMSCG object.

The **Primary** key field for this resource class is SPEC.

The **Secondary** key field for this resource class is SYSTEM.

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

For information about LNKsXSCS records, see [Special attribute and resource table considerations](#).

### External resource name

CICSMonitorSpecificationsToSystem

### Length

64

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Definition

### Copybook identifier

EYUt5634

<i>Table 619. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A
PERFORM SET	CHGSPEC	NEW_SPECNAME(value)	Yes

<i>Table 620. LNKSMSCS FEEDBACK error codes</i>		
Value	Code	Description
1	LNKSMSCS_INV_DATA	Attribute data invalid
2	LNKSMSCS_REC_NOT_FOUND	Requested resource not found

Table 620. LNKSMSCS FEEDBACK error codes (continued)

Value	Code	Description
3	LNKSMSCS_INV_REFERENCE	Attribute references an invalid resource
4	LNKSMSCS_REC_EXISTS	Association already exists
6	LNKSMSCS_SPEC_NOT_FOUND	Specification name not found
7	LNKSMSCS_UNK_OLDSPEC	Unknown old specification name
8	LNKSMSCS_UNK_NEWSPEC	Unknown new specification name
9	LNKSMSCS_UNK_SPECNAME	Specification name does not exist
10	LNKSMSCS_INV_OLDSPEC	Invalid old specification name
11	LNKSMSCS_INV_NEWSPEC	Invalid new specification name
12	LNKSMSCS_MISSING_QUE	Missing queue
13	LNKSMSCS_LNKASSOC_EXISTS	Different association exists

Table 621. LNKSMSCS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent		9
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release		12
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification		1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID		11
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created		10
GROUP	CHAR	CPSM	8	No	DIFF	System group that MONSPEC was inherited from		8
LINK	EYUDA	CPSM	4	No	LIKE	Creation mode	EXPLICIT	7
LINK Input/output valid values	INHERIT, EXPLICIT							
<b>SPEC-1</b>	CHAR	CPSM	8	Yes	DIFF	Monitor specification		5
<b>SYSTEM-2</b>	CHAR	CPSM	8	Yes	DIFF	CICS system		6



## Chapter 272. LNKSRSCG Resource Table

A CPSM Topology Definition that describes the link between a CICS system group and an analysis specification (RTASPEC). LNKSRSCG objects are used to generate multiple implicit linkages of CICS systems that are members of the named system group to an RTASPEC.

The **Primary** key field for this resource class is SPEC.

The **Secondary** key field for this resource class is GROUP.

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

### External resource name

CICSRASpecificationsToSystemGroup

### Length

56

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSPlex SM Definition

### Copybook identifier

EYUt5635

<i>Table 622. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		FORCE	No
		NONE	No
		NULL	No
REMOVE		KEEP	Yes
		NONE	Yes
PERFORM SET	CHGSPEC	FORCE	Yes
		KEEP	Yes
		NAME	Yes
		NEW_SPECNAME(value)	Yes

Table 622. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		NULL	Yes

Table 623. LNKSRS CG FEEDBACK error codes

Value	Code	Description
1	LNKSRS CG_INV_DATA	Attribute data invalid
2	LNKSRS CG_REC_NOT_FOUND	Requested resource not found
3	LNKSRS CG_INV_REFERENCE	Attribute references an invalid resource
4	LNKSRS CG_REC_EXISTS	Association already exists
6	LNKSRS CG_SPEC_NOT_FOUND	Specification name not found
7	LNKSRS CG_UNK_OLDSPEC	Unknown old specification name
8	LNKSRS CG_UNK_NEWSPEC	Unknown new specification name
9	LNKSRS CG_UNK_SPECNAME	Specification name does not exist
10	LNKSRS CG_INV_OLDSPEC	Invalid old specification name
11	LNKSRS CG_INV_NEWSPEC	Invalid new specification name
12	LNKSRS CG_MISSING_QUE	Missing queue
13	LNKSRS CG_LNKASSOC_EXISTS	Different association exists

Table 624. LNKSRS CG resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	7
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	10
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	9
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	8
<b>GROUP-2</b>	CHAR	CPSM	8	Yes	DIFF	System group	6
<b>SPEC-1</b>	CHAR	CPSM	8	Yes	DIFF	RTA specification	5

## Chapter 273. LNKSRSCS Resource Table

A CPSM Topology Definition that describes the link between a CICS system and an analysis specification (RTASPEC). LNKSRSCS objects can be created via an explicit reference to a CICS system or implicitly via a LNKSRSCG object.

The **Primary** key field for this resource class is SPEC.

The **Secondary** key field for this resource class is SYSTEM.

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

For information about LNKSxSCS records, see [Special attribute and resource table considerations](#).

### External resource name

CICSRTASpecificationsToSystem

### Length

64

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Definition

### Copybook identifier

EYUt5636

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A
PERFORM SET	CHGSPEC	NEW_SPECNAME(value)	Yes

Value	Code	Description
1	LNKSRSCS_INV_DATA	Attribute data invalid
2	LNKSRSCS_REC_NOT_FOUND	Requested resource not found

Table 626. LNKSRSRCS FEEDBACK error codes (continued)

Value	Code	Description
3	LNKSRSRCS_INV_REFERENCE	Attribute references an invalid resource
4	LNKSRSRCS_REC_EXISTS	Association already exists
6	LNKSRSRCS_SPEC_NOT_FOUND	Specification name not found
7	LNKSRSRCS_UNK_OLDSPEC	Unknown old specification name
8	LNKSRSRCS_UNK_NEWSPEC	Unknown new specification name
9	LNKSRSRCS_UNK_SPECNAME	Specification name does not exist
10	LNKSRSRCS_INV_OLDSPEC	Invalid old specification name
11	LNKSRSRCS_INV_NEWSPEC	Invalid new specification name
12	LNKSRSRCS_MISSING_QUE	Missing queue
13	LNKSRSRCS_LNKASSOC_EXISTS	Different association exists

Table 627. LNKSRSRCS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent		9
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release		12
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification		1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID		11
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created		10
GROUP	CHAR	CPSM	8	No	DIFF	System group RTA specification was inherited from		8
LINK	EYUDA	CPSM	4	No	LIKE	Creation mode	EXPLICIT	7
LINK Input/output valid values	INHERIT, EXPLICIT							
<b>SPEC-1</b>	CHAR	CPSM	8	Yes	DIFF	RTA specification		5
<b>SYSTEM-2</b>	CHAR	CPSM	8	Yes	DIFF	CICS system		6

## Chapter 274. LNKSWSCG Resource Table

A CPSM Topology Definition that describes the link between a CICS system group and a workload specification (WLMSPEC). LNKSWSCG objects are used to generate multiple implicit linkages of CICS systems that are members of the named system group to a WLMSPEC. Only CICS systems that are to act as terminal owning regions (TORs) should be linked to a WLMSPEC.

The **Primary** key field for this resource class is SPEC.

The **Secondary** key field for this resource class is GROUP.

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

### External resource name

CICSWLMSpecificationsToSystemGroup

### Length

56

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSPlex SM Definition

### Copybook identifier

EYUt5637

<i>Table 628. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		FORCE	No
		NONE	No
		NULL	No
REMOVE		KEEP	Yes
		NONE	Yes
PERFORM SET	CHGSPEC	FORCE	Yes
		KEEP	Yes
		NAME	Yes

Table 628. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		NEW_SPECNAME(value)	Yes
		NULL	Yes

Table 629. LNKSWSG FEEDBACK error codes

Value	Code	Description
1	LNKSWSG_INV_DATA	Attribute data invalid
2	LNKSWSG_REC_NOT_FOUND	Requested resource not found
3	LNKSWSG_INV_REFERENCE	Attribute references an invalid resource
4	LNKSWSG_REC_EXISTS	Association already exists
6	LNKSWSG_SPEC_NOT_FOUND	Specification name not found
7	LNKSWSG_UNK_OLDSPEC	Unknown old specification name
8	LNKSWSG_UNK_NEWSPEC	Unknown new specification name
9	LNKSWSG_UNK_SPECNAME	Specification name does not exist
10	LNKSWSG_INV_OLDSPEC	Invalid old specification name
11	LNKSWSG_INV_NEWSPEC	Invalid new specification name
12	LNKSWSG_MISSING_QUE	Missing queue
13	LNKSWSG_LNKASSOC_EXISTS	Different association exists

Table 630. LNKSWSG resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	7
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	10
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	9
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	8
<b>GROUP-2</b>	CHAR	CPSM	8	Yes	DIFF	System group	6
<b>SPEC-1</b>	CHAR	CPSM	8	Yes	DIFF	WLM specification	5

## Chapter 275. LNKSWSCS Resource Table

A CPSM Topology Definition that describes the link between a CICS system and a workload specification (WLMSPEC). LNKSWSCS objects can be created via an explicit reference to a CICS system or implicitly via a LNKSWSCG object. Only CICS systems that are to act as terminal owning regions (TORs) should be linked to a WLMSPEC.

The **Primary** key field for this resource class is SPEC.

The **Secondary** key field for this resource class is SYSTEM.

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

For information about LNKSwSCS records, see [Special attribute and resource table considerations](#).

### External resource name

CICSWLMSpecificationsToSystem

### Length

64

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Definition

### Copybook identifier

EYUt5638

<i>Table 631. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A
PERFORM SET	CHGSPEC	NEW_SPECNAME(value)	Yes

<i>Table 632. LNKSWSCS FEEDBACK error codes</i>		
Value	Code	Description
1	LNKSWSCS_INV_DATA	Attribute data invalid

Table 632. LNKSWSGS FEEDBACK error codes (continued)

Value	Code	Description
2	LNKSWSGS_REC_NOT_FOUND	Requested resource not found
3	LNKSWSGS_INV_REFERENCE	Attribute references an invalid resource
4	LNKSWSGS_REC_EXISTS	Association already exists
6	LNKSWSGS_SPEC_NOT_FOUND	Specification name not found
7	LNKSWSGS_UNK_OLDSPEC	Unknown old specification name
8	LNKSWSGS_UNK_NEWSPEC	Unknown new specification name
9	LNKSWSGS_UNK_SPECNAME	Specification name does not exist
10	LNKSWSGS_INV_OLDSPEC	Invalid old specification name
11	LNKSWSGS_INV_NEWSPEC	Invalid new specification name
12	LNKSWSGS_MISSING_QUE	Missing queue
13	LNKSWSGS_LNKASSOC_EXISTS	Different association exists

Table 633. LNKSWSGS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent		9
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release		12
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification		1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID		11
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created		10
GROUP	CHAR	CPSM	8	No	DIFF	System group WLM specification was inherited from		8
LINK	EYUDA	CPSM	4	No	LIKE	Creation mode	EXPLICIT	7
LINK Input/output valid values	INHERIT, EXPLICIT							
<b>SPEC-1</b>	CHAR	CPSM	8	Yes	DIFF	WLM specification		5
<b>SYSTEM-2</b>	CHAR	CPSM	8	Yes	DIFF	CICS system		6



## Chapter 276. LOADACT Resource Table

A CICS Resource that provides CICS loader activity by dynamic storage area in an active system being managed by CICSplex SM.

The **Primary** key field for this resource class is LDGDSAINDEX.

There are no object specific actions for this resource class.

**External resource name**

CICSLoaderByDSA

**Length**

136

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0128

Table 634. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 635. LOADACT resource table attributes									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		
ALOADTIME	INT16US	CPSM			4	AVG	Average program load time		21
ALOADWAIT	INT16US	CPSM			4	AVG	Average waiting time for program loads		24
ANIUQDSA	INTTSTP	CPSM			8	AVG	Average age on DSA Not-In-Use (NIU) queue		30
LDGDPSCR	BINARY	STAT	LDGDSASTAT	LDGDPSCR	4	AVG	Number of programs removed from DSA by compression		18
LDGDP SCT	INTTSTP	STAT	LDGDSASTAT	LDGDP SCT	8	AVG	Total time for DSA programs on Not-In-Use queue		20

Table 635. LOADACT resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
LDGDREBS	BINARY	STAT	LDGGLOBAL	LDGDREBS	4	AVG	Number of successful load retries		13
<b>LDGDSAINDEX-1</b>	CHAR	CPSM			8	DIFF	DSA index		5
LDGHWMT	BINARY	STAT	LDGGLOBAL	LDGHWMT	4	AVG	Number of times loader waiting requests peaked		11
LDGLLR	BINARY	STAT	LDGGLOBAL	LDGLLR	4	AVG	Number of library load requests		6
LDGLLRRO	BINARY	STAT	LDGGLOBAL	LDGLLRRO	4	AVG	Number of library load requests on the RO TCB	E640 E650 E660 E670	39
LDGLLT	INT16US	STAT	LDGGLOBAL	LDGLLT	4	AVG	Total time taken for all program loads		7
LDGLLTRO	INT16US	STAT	LDGGLOBAL	LDGLLTRO	4	AVG	Time taken to load programs on the RO TCB	E640 E650 E660 E670	40
LDGPROGNIU	BINARY	STAT	LDGDSASTAT	LDGPROGNIU	4	AVG	Number of programs on Not-In-Use (NIU) queue		16
LDGPUSES	BINARY	STAT	LDGGLOBAL	LDGPUSES	4	AVG	Number of program uses		8
LDGRECNUI	BINARY	STAT	LDGDSASTAT	LDGRECNUI	4	AVG	Number of DSA reclaims from Not-In-Use (NIU) queue		17
LDGSTGNIU	BINARY	STAT	LDGDSASTAT	LDGSTGNIU	4	AVG	Size of DSA occupied by Not-In-Use (NIU) programs		15
LDGTTW	INT16US	STAT	LDGGLOBAL	LDGTTW	4	AVG	Total time spent waiting for loader		12
LDGWLR	BINARY	STAT	LDGGLOBAL	LDGWLR	4	AVG	Number of loader requests waiting		9
LDGWLRHW	BINARY	STAT	LDGGLOBAL	LDGWLRHW	4	AVG	Peak number of waiting loader requests		10
LDGWTDLR	BINARY	STAT	LDGGLOBAL	LDGWTDLR	4	AVG	Number of loader requests that waited		14
LOADRATE	RATE3	CPSM			8	AVG	Rate of program loading		27
PDSANIU	PERCENT3	CPSM			4	AVG	Percentage of DSA held by Not-In-Use programs		28
PLOADWAIT	PERCENT3	CPSM			4	AVG	Percentage of waits to program uses		25
PSTGNIU	PERCENT3	CPSM			4	AVG	Percentage Not-In-Use of DSAs above/below 16MB		29
TLOADWAIT	BINARY	CPSM			4	AVG	Total waiting time for program loads		22

## Chapter 277. LOADER Resource Table

A CICS Resource that provides CICS loader information in an active system being managed by CICSplex SM.

The LOADER resource class does not provide an explicit key attribute. The set of object instances returned is a function of the scope in effect when the request is made.

There are no object specific actions for this resource class.

**External resource name**

CICSLoader

**Length**

344

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0134

Table 636. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 637. LOADER resource table attributes									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		
ALOADTIME	INT16US	CPSM			4	AVG	Average load time		45
ALOADWAIT	INT16US	CPSM			4	AVG	Average waiting time for program loads		48
ANIUQCDSA	INTTSTP	CPSM			8	AVG	Average age on CDSA Not-In-Use (NIU) queue		54
ANIUQECSA	INTTSTP	CPSM			8	AVG	Average age on ECDSA Not-In-Use (NIU) queue		57
ANIUQERDSA	INTTSTP	CPSM			8	AVG	Average age on ERDSA Not-In-Use (NIU) queue		69

Table 637. LOADER resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
ANIUQESDSA	INTTSTP	CPSM			8	AVG	Average age on ESDSA Not-In-Use (NIU) queue		63
ANIUQRDSA	INTTSTP	CPSM			8	AVG	Average age on RDSA Not-In-Use (NIU) queue		66
ANIUQSDSA	INTTSTP	CPSM			8	AVG	Average age on SDSA Not-In-Use (NIU) queue		60
LDGDPSCRC	BINARY	STAT	LDGDSASTAT	LDGDPSCR	4	AVG	Number of CDSA programs removed by compression		18
LDGDPSCREC	BINARY	STAT	LDGDSASTAT	LDGDPSCR	4	AVG	Number of ECDSA programs removed by compression		23
LDGDPSCRER	BINARY	STAT	LDGDSASTAT	LDGDPSCR	4	AVG	Number of ERDSA programs removed by compression		43
LDGDPSCRES	BINARY	STAT	LDGDSASTAT	LDGDPSCR	4	AVG	Number of ESDSA programs removed by compression		33
LDGDPSCRER	BINARY	STAT	LDGDSASTAT	LDGDPSCR	4	AVG	Number of ERDSA programs removed by compression		43
LDGDPSCRES	BINARY	STAT	LDGDSASTAT	LDGDPSCR	4	AVG	Number of ESDSA programs removed by compression		33
LDGDPSCRER	BINARY	STAT	LDGDSASTAT	LDGDPSCR	4	AVG	Number of ERDSA programs removed by compression		43
LDGDPSCRR	BINARY	STAT	LDGDSASTAT	LDGDPSCR	4	AVG	Number of RDSA programs removed by compression		38
LDGDPSCRS	BINARY	STAT	LDGDSASTAT	LDGDPSCR	4	AVG	Number of SDSA programs removed by compression		28
LDGDPSCCTC	INTTSTP	STAT	LDGDSASTAT	LDGDPSCCT	8	AVG	Total time for CDSA programs on Not-In-Use queue		19
LDGDPSCCTEC	INTTSTP	STAT	LDGDSASTAT	LDGDPSCCT	8	AVG	Total time for ECDSA programs on Not-In-Use queue		24
LDGDPSCCTER	INTTSTP	STAT	LDGDSASTAT	LDGDPSCCT	8	AVG	Total time for ERDSA programs on Not-In-Use queue		44
LDGDPSCCTES	INTTSTP	STAT	LDGDSASTAT	LDGDPSCCT	8	AVG	Total time for ESDSA programs on Not-In-Use queue		34
LDGDPSCCTR	INTTSTP	STAT	LDGDSASTAT	LDGDPSCCT	8	AVG	Total time for RDSA programs on Not-In-Use queue		39
LDGDPSCCTS	INTTSTP	STAT	LDGDSASTAT	LDGDPSCCT	8	AVG	Total time for SDSA programs on Not-In-Use queue		29
LDGDREBS	BINARY	STAT	LDGGLOBAL	LDGDREBS	4	AVG	Number of successful load retries		12
LDGHWMT	BINARY	STAT	LDGGLOBAL	LDGHWMT	4	AVG	Number of times waiting loader requests peaked		10
LDGLBSOU	BINARY	STAT	LDGGLOBAL	LDGLBSOU	4	AVG	LIBRARY search order updates	E640	84
LDGLLR	BINARY	STAT	LDGGLOBAL	LDGLLR	4	AVG	Number of LIBRARY load requests		5
LDGLLRRO	BINARY	STAT	LDGGLOBAL	LDGLLRRO	4	AVG	Number of library load requests on the RO TCB	E640 E650 E660 E670	87
LDGLLT	INT16US	STAT	LDGGLOBAL	LDGLLT	4	AVG	Total time for all loads		6
LDGLLTRO	INT16US	STAT	LDGGLOBAL	LDGLLTRO	4	AVG	Time taken to load programs on the RO TCB	E640 E650 E660 E670	88
LDGLSORT	BINARY	STAT	LDGGLOBAL	LDGLSORT	4	AVG	LIBRARY search order update time	E640	86

Table 637. LOADER resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
LDGLWSOU	BINARY	STAT	LDGGLOBAL	LDGLWSOU	4	AVG	Load requests waited due to search order update	E640	85
LDGPROGNIUC	BINARY	STAT	LDGDSASTAT	LDGPROGNIU	4	AVG	Number of CDSA programs on Not-In-Use (NIU) queue		16
LDGPROGNIUEC	BINARY	STAT	LDGDSASTAT	LDGPROGNIU	4	AVG	Number of ECDSA programs on Not-In-Use (NIU) queue		21
LDGPROGNIUER	BINARY	STAT	LDGDSASTAT	LDGPROGNIU	4	AVG	Number of ERDSA programs on Not-In-Use (NIU) queue		41
LDGPROGNIUES	BINARY	STAT	LDGDSASTAT	LDGPROGNIU	4	AVG	Number of ESDSA programs on Not-In-Use (NIU) queue		31
LDGPROGNIUR	BINARY	STAT	LDGDSASTAT	LDGPROGNIU	4	AVG	Number of RDSA programs on Not-In-Use (NIU) queue		36
LDGPROGNIUS	BINARY	STAT	LDGDSASTAT	LDGPROGNIU	4	AVG	Number of SDSA programs on Not-In-Use (NIU) queue		26
LDGPUSES	BINARY	STAT	LDGGLOBAL	LDGPUSES	4	AVG	Number of program uses		7
LDGRECNIUC	BINARY	STAT	LDGDSASTAT	LDGRECNIU	4	AVG	Number of CDSA reclaims from Not-In-Use queue		17
LDGRECNIUEC	BINARY	STAT	LDGDSASTAT	LDGRECNIU	4	AVG	Number of ECDSA reclaims from Not-In-Use queue		22
LDGRECNIUER	BINARY	STAT	LDGDSASTAT	LDGRECNIU	4	AVG	Number of ERDSA reclaims from Not-In-Use queue		42
LDGRECNIUES	BINARY	STAT	LDGDSASTAT	LDGRECNIU	4	AVG	Number of ESDSA reclaims from Not-In-Use queue		32
LDGRECNIUR	BINARY	STAT	LDGDSASTAT	LDGRECNIU	4	AVG	Number of RDSA reclaims from Not-In-Use queue		37
LDGRECNIUS	BINARY	STAT	LDGDSASTAT	LDGRECNIU	4	AVG	Number of SDSA reclaims from Not-In-Use queue		27
LDGSTGNIUC	BINARY	STAT	LDGDSASTAT	LDGSTGNIU	4	AVG	Size of CDSA occupied by Not-In-Use (NIU) programs		15
LDGSTGNIUEC	BINARY	STAT	LDGDSASTAT	LDGSTGNIU	4	AVG	Size of ECDSA occupied by Not-In-Use programs		20
LDGSTGNIUER	BINARY	STAT	LDGDSASTAT	LDGSTGNIU	4	AVG	Size of ERDSA occupied by Not-In-Use programs		40
LDGSTGNIUES	BINARY	STAT	LDGDSASTAT	LDGSTGNIU	4	AVG	Size of ESDSA occupied by Not-In-Use programs		30
LDGSTGNIUR	BINARY	STAT	LDGDSASTAT	LDGSTGNIU	4	AVG	Size of RDSA occupied by Not-In-Use (NIU) programs		35
LDGSTGNIUS	BINARY	STAT	LDGDSASTAT	LDGSTGNIU	4	AVG	Size of SDSA occupied by Not-In-Use (NIU) programs		25
LDGTTW	INT16US	STAT	LDGGLOBAL	LDGTTW	4	AVG	Total time spent waiting for loader		11
LDGWLR	BINARY	STAT	LDGGLOBAL	LDGWLR	4	AVG	Number of loader requests waiting		8
LDGWLRHW	BINARY	STAT	LDGGLOBAL	LDGWLRHW	4	AVG	Peak number of waiting loader requests		9
LDGWTDLR	BINARY	STAT	LDGGLOBAL	LDGWTDLR	4	AVG	Number of loader requests that waited		13
LOADRATE	RATE3	CPSM			8	AVG	Rate of program loading		51

Table 637. LOADER resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
PCDSANIU	PERCENT3	CPSM			4	AVG	Percentage of CDSA held by Not-In-Use programs		52
PECDSANIU	PERCENT3	CPSM			4	AVG	Percentage of ECDSA held by Not-In-Use programs		55
PERDSANIU	PERCENT3	CPSM			4	AVG	Percentage of ERDSA held by Not-In-Use programs		67
PESDSANIU	PERCENT3	CPSM			4	AVG	Percentage of ESDSA held by Not-In-Use programs		61
PLOADWAIT	PERCENT3	CPSM			4	AVG	Percentage of waits to program uses		49
PRDSANIU	PERCENT3	CPSM			4	AVG	Percentage of RDSA held by Not-In-Use programs		64
PSDSANIU	PERCENT3	CPSM			4	AVG	Percentage of SDSA held by Not-In-Use programs		58
PSTGNIUC	PERCENT3	CPSM			4	AVG	Percentage Not-In-Use of DSAs below 16MB in CDSA		53
PSTGNIUEC	PERCENT3	CPSM			4	AVG	Percent Not-In-Use of DSAs above 16MB in ECDSA		56
PSTGNIUER	PERCENT3	CPSM			4	AVG	Percentage Not-In-Use of DSAs above 16MB in ERDSA		68
PSTGNIUES	PERCENT3	CPSM			4	AVG	Percent Not-In-Use of DSAs above 16MB in ESDSA		62
PSTGNIUR	PERCENT3	CPSM			4	AVG	Percentage Not-In-Use of DSAs below 16MB in RDSA		65
PSTGNIUS	PERCENT3	CPSM			4	AVG	Percentage Not-In-Use of DSAs below 16MB in SDSA		59
TLOADWAIT	BINARY	CPSM			4	AVG	Total waiting time for program loads		46

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## Chapter 278. LOCFILE Resource Table

A CICS Resource that describes a local file in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is FILE.

The following actions are supported:

### CLOSE

Close a local file.

The parameter data for the CLOSE action is:

```
PARM('BUSY(cvda).')
```

where *cvda* is required and is one of the following valid CVDA values for the file busy condition:

WAIT  
NOWAIT  
FORCE

### DISABLE

Disable a local file.

The parameter data for the DISABLE action is:

```
PARM('BUSY(cvda).')
```

where *cvda* is required and is one of the following valid CVDA values for the file busy condition:

WAIT  
NOWAIT  
FORCE

### DISCARD

Discard a local file.

### ENABLE

Enable a local file.

### OPEN

Open a local file.

### External resource name

CICSLocalFile

### Length

368

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0009

*Table 638. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	CLOSE	BUSY(WAIT, NOWAIT, FORCE)	Yes
	DISABLE	BUSY(WAIT, NOWAIT, FORCE)	Yes
	DISCARD	None	N/A
	ENABLE	None	N/A
	OPEN	None	N/A

*Table 639. LOCFILE resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name				
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release				
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved				
ACCESSMETHOD	CVDAS	INQ	FILE	ACCESSMET HOD	4	LIK E	No	Access method				2
ACCESSMETHOD Output valid values	VSAM, BDAM, DB2											
ADD	CVDAS	INQ	FILE	ADD	4	LIK E	Yes	Add option				3
ADD Input/output valid values	ADDABLE, NOTADDABLE											
ADDCNT	BINARY	STAT	DFHA17DS	A17DSWRA	4	AV G	No	Number of WRITE requests				33
BASDEFINEVER	BINARY	CPSM			1	AV G	No	BAS resource definition version	0		E640 E650	64
BASEDSNAME	CHAR	INQ	FILE	BASEDSNAM E	4	DIF F	No	Base data set name				4
BLOCKFORMAT	CVDAS	INQ	FILE	BLOCKFORM AT	4	LIK E	No	Block format (BDAM only)				5
BLOCKFORMAT Output valid values	BLOCKED, UNBLOCKED											
BLOCKKEYLN	CNUMERIC	INQ	FILE	BLOCKKEYL EN	4	MA X	No	Block key length (BDAM only)				6
BLOCKSIZE	CNUMERIC	INQ	FILE	BLOCKSIZE	4	MA X	No	Block size (BDAM only)				7
BROWSE	CVDAS	INQ	FILE	BROWSE	4	LIK E	Yes	Browse option				8
BROWSE Input/output valid values	BROWSABLE, NOTBROWSABLE											



Table 639. LOCFILE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
BROWSECNT	BINARY	STAT	DFHA17DS	A17DSBR	4	AVG	No	The number of READNEXT and READPREV requests				32
BROWUPDCNT	BINARY	STAT			4	AVG	No	Number of browse for update requests				50
CHANGEAGENT	CVDAS	INQ			4	LIKE	No	Last modification agent			E640 E650	56
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBatch, TABLE, SYSTEM, CREATESPI, NOTAPPLIC											
CHANGEAGREL	CHAR	INQ			4	DIF	No	Last modification agent release			E640 E650	57
CHANGETIME	DATETIME	INQ			8	MAX	No	Last modification time			E640 E650	58
CHANGEUSRID	CHAR	INQ			8	DIF	No	Last modification user ID			E640 E650	55
DATASETTYPE	CHAR	STAT	DFHA17DS	A17DSTYP	1	DIF	No	Data set type				48
DEFINESOURCE	CHAR	INQ			8	DIF	No	Source of the resource definition			E640 E650	59
DEFINETIME	DATETIME	INQ			8	MAX	No	Creation time			E640 E650	60
DELETE	CVDAS	INQ	FILE	DELETE	4	LIKE	Yes	Delete option				9
DELETE Input/ output valid values	DELETABLE, NOTDELETABLE											
DEXPCNT	BINARY	STAT	DFHA17DS	A17DSXCP	4	AVG	No	Number of I/O operations for data records				36
DISPOSITION	CVDAS	INQ	FILE	DISPOSITION	4	LIKE	Yes	Disposition of file				10
DISPOSITION Input/ output valid values	OLD, SHARE											
DSNAME	CHAR	INQ	FILE	DSNAME	44	DIF	Yes	Data set name				11
EMPTYSTATUS	CVDAS	INQ	FILE	EMPTYSTATUS	4	LIKE	Yes	Empty status				12
EMPTYSTATUS Input/output valid values	EMPTYREQ, NOEMPTYREQ											
ENABLESTATUS	CVDAS	INQ	FILE	ENABLESTATUS	4	LIKE	Yes	Enablement status				13
ENABLESTATUS Input/output valid values	ENABLED, DISABLED											
ENABLESTATUS Output valid values	DISABLING, UNENABLED, UNENABLING											

Table 639. LOCFILE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
EXCLUSIVE	CVDAS	INQ	FILE	EXCLUSIVE	4	LIKE	Yes	BDAM exclusive control status				14
EXCLUSIVE Input/output valid values	EXCTL, NOEXCTL, NOTAPPLIC											
<b>FILE-1</b>	CHAR	INQ			8	DIFF	No	File ID				1
FWDRECSTATUS	CVDAS	INQ	FILE	FWDRECSTATUS	4	LIKE	No	Forward recovery option				15
FWDRECSTATUS Output valid values	FWDRECOVABLE, NOTFWDRCVBLE											
GETCNT	BINARY	STAT	DFHA17DS	A17DSRD	4	AVG	No	Number of READ requests				30
GETUPDCNT	BINARY	STAT	DFHA17DS	A17DSGU	4	AVG	No	Number of READ UPDATE requests				31
GMTFILECLS	TIMESTP	STAT	DFHA17DS	A17GCLST	8	MAX	No	GMT file close time				46
GMTFILEOPN	TIMESTP	STAT	DFHA17DS	A17GOPNT	8	MAX	No	GMT file open time				45
IEXPCNT	BINARY	STAT	DFHA17DS	A17DSIXP	4	AVG	No	Number of I/O operations against index component				37
INSTALLAGENT	CVDAS	INQ			4	LIKE	No	Installation agent			E640 E650	63
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, TABLE, SYSTEM, GRPLIST, BUNDLE											
INSTALLTIME	DATETIME	INQ			8	MAX	No	Installation time			E640 E650	62
INSTALLUSRID	CHAR	INQ			8	DIFF	No	Installation user ID			E640 E650	61
JOURNALNUM	BINARY	INQ	FILE	JOURNALNUM	2	AVG	No	Journal number				39
KEYLENGTH	BINARY	INQ	FILE	KEYLENGTH	4	AVG	No	Key length				16
KEYPOSITION	BINARY	INQ	FILE	KEYPOSITION	4	AVG	No	Key position				17
LOCDELNT	BINARY	STAT	DFHA17DS	A17DSDEL	4	AVG	No	Number of DELETE requests				35
LSRPOOLID	BINARY	INQ	FILE	LSRPOOLNUM	2	MAX	Yes	LSR Pool number		0-255		41
NUMACTSTRING	BINARY	STAT	DFHA17DS	A17DSASC	2	AVG	No	Number of active strings				44
NUMDATBUFF	BINARY	STAT	DFHA17DS	A17SDNB	2	AVG	No	Number of data buffers				42
NUMINDEXBUFF	BINARY	STAT	DFHA17DS	A17DSINB	2	AVG	No	Number of index buffers				43
NUMSTRINGWT	BINARY	STAT	DFHA17DS	A17DSASW	2	AVG	No	Current number of string waits				47
OBJECT	CVDAS	INQ	FILE	OBJECT	4	LIKE	No	Data set type (base or path)				18

Table 639. LOCFILE resource table attributes (continued)												
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
OBJECT Output valid values	BASE, PATH											
OPENSTATUS	CVDAS	INQ	FILE	OPENSTATUS	4	LIKE	Yes	Open status				19
OPENSTATUS Input/output valid values	OPEN, CLOSED											
OPENSTATUS Output valid values	OPENING, CLOSING, CLOSEREQUEST											
RBATYPE	CVDAS	INQ			4	LIKE	No	Type of VSAM extended addressing			E640	54
RBATYPE Output valid values	EXTENDED, NOTEXTENDED, NOTAPPLIC											
READ	CVDAS	INQ	FILE	READ	4	LIKE	Yes	Read option				20
READ Input/output valid values	READABLE, NOTREADABLE											
READINTEG	CVDAS	INQ			4	LIKE	Yes	Default level of read integrity				51
READINTEG Input/output valid values	UNCOMMITTED, CONSISTENT, REPEATABLE											
READINTEG Output valid values	NOTAPPLIC											
RECORDFORMAT	CVDAS	INQ	FILE	RECORDFORMAT	4	LIKE	No	Record format				21
RECORDFORMAT Output valid values	FIXED, VARIABLE, UNDEFINED											
RECORDSIZE	BINARY	INQ	FILE	RECORDSIZE	4	AVG	No	Record size				22
RECOVSTATUS	CVDAS	INQ	FILE	RECOVSTATUS	4	LIKE	No	Recovery status				23
RECOVSTATUS Output valid values	RECOVERABLE, NOTRECOVERABLE											
RELTYPE	CVDAS	INQ	FILE	RELTYPE	4	LIKE	No	Relative addressing type (BDAM only)				24
RELTYPE Output valid values	HEX, DEC, BLK, NOTAPPLIC											
RLSACCESS	CVDAS	INQ			4	LIKE	Yes	Record level sharing (RLS) file access mode				52
RLSACCESS Input/output valid values	RLS, NOTRLS											
RLSACCESS Output valid values	NOTAPPLIC											
RLSREQWTO	BINARY	STAT			4	AVG	No	Record level sharing (RLS) request wait timeouts				53
STRINGS	CNUMERIC	INQ	FILE	STRINGS	4	MAX	Yes	Number of strings				25
TIMECLOSE	DECTSTP	STAT			4	MAX	No	Local time file was closed				29
TIMEOPEN	DECTSTP	STAT			4	MAX	No	Local time file was opened				28
UPDATE	CVDAS	INQ			4	LIKE	Yes	Update option				27

Table 639. LOCFILE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
UPDATE Input/output valid values	UPDATABLE, NOTUPDATABLE											
UPDATECNT	BINARY	STAT	DFHA17DS	A17DSWRU	4	AVG	No	Number of REWRITE requests				34
VSAMTYPE	CVDAS	INQ	FILE	TYPE	4	LIKE	No	Type of VSAM data set				26
VSAMTYPE Input/output valid values	NOTAPPLIC											
VSAMTYPE Output valid values	ESDS, KSDS, RRDS, VRRDS											
WSTRCCURCNT	BINARY	STAT	DFHA17DS	A17DSHSW	2	AVG	No	Peak number of tasks waiting for a string				40
WSTRCNT	BINARY	STAT	DFHA17DS	A17DSTSW	4	AVG	No	Total requests queued because all strings in use				38

## Chapter 279. LOCTRAN Resource Table

A CICS Resource that describes a local transaction in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is TRANID.

The following actions are supported:

**DISABLE**

Disable a local transaction.

**DISCARD**

Discard a local transaction.

**ENABLE**

Enable a local transaction.

These actions require no unique parameter data.

**External resource name**

CICSLocalTransaction

**Length**

504

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0022

<i>Table 640. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		None	N/A
SET		None	N/A
PERFORM SET	DISABLE	None	N/A
	DISCARD	None	N/A
	ENABLE	None	N/A

Table 641. LOCTRAN FEEDBACK error codes

Value	Code	Description
1	LOCTRAN_INV_DATA	Attribute data invalid

Table 642. LOCTRAN resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			
ABENDCNT	BINARY	STAT	DFHXRDS	XMRAENDC	4	SUM	No	The number of transaction abends		E640 E650 E660 E670 E680 E690 E700 E710	66
ACTMISMATS	BINARY	STAT	DFHXRDS	XMRAMISM	4	AVG	No	Number of indoubt action mismatches detected			43
APPLICATION	CHAR	INQ	TRANSACTION	APPLICATION	64	DIF F	No	Application Name		E640 E650 E660 E670 E680 E690	59
APPLMAJORVER	BINARY	INQ	TRANSACTION	APPLMAJORVER	4	MAX	No	Major Version		E640 E650 E660 E670 E680 E690	62
APPLMICROVER	BINARY	INQ	TRANSACTION	APPLMICROVER	4	MAX	No	Micro Version		E640 E650 E660 E670 E680 E690	64
APPLMINORVER	BINARY	INQ	TRANSACTION	APPLMINORVER	4	MAX	No	Minor Version		E640 E650 E660 E670 E680 E690	63
AVAILSTATUS	CVDAS	INQ	TRANSACTION	AVAILSTATUS	4	LIKE	No	Availability status		E640 E650 E660 E670 E680 E690	65
AVAILSTATUS Output valid values	AVAILABLE, UNAVAILABLE, NONE										
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	57
BREXIT	CHAR	INQ	TRANSACTION	BREXIT	8	DIF F	No	Bridge exit program name			45
CHANGEAGENT	CVDAS	INQ	TRANSACTION	CHANGEAGENT	4	LIKE	No	Last modification agent		E640 E650	48
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATC, DREPAPI, DREPBATC, SYSTEM, CREATSPI, NOTAPPLIC										

Table 642. LOCTRAN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
CHANGEAGREL	CHAR	INQ	TRANSACTION	CHANGEAGREL	4	DIF	No	Last modification agent release		E640 E650	50
CHANGETIME	DATETIME	INQ	TRANSACTION	CHANGETIME	8	MAX	No	Last modification time		E640 E650	52
CHANGEUSRID	CHAR	INQ	TRANSACTION	CHANGEUSRID	8	DIF	No	Last modification user ID		E640 E650	49
CMDSEC	CVDAS	INQ	TRANSACTION	CMDSEC	4	LIKE	No	Command level security option			2
CMDSEC Output valid values	CMDSECNO, CMDSECYES										
DEFINESOURCE	CHAR	INQ	TRANSACTION	DEFINESOURCE	8	DIF	No	Source of the resource definition		E640 E650	53
DEFINETIME	DATETIME	INQ	TRANSACTION	DEFINETIME	8	MAX	No	Creation time		E640 E650	54
DTB	CVDAS	INQ	TRANSACTION	DTB	4	LIKE	No	Dynamic transaction backout option		E510+	3
DTB Output valid values	WAIT, COMMIT, BACKOUT										
DTIMEOUT	BINARY	INQ	TRANSACTION	DTIMEOUT	4	AVG	No	Deadlock timeout (seconds)			4
DUMPING	CVDAS	INQ	TRANSACTION	DUMPING	4	LIKE	Yes	Transaction dump option			5
DUMPING Input/output valid values	TRANSDUMP, NOTRANDUMP										
FACILITYLIKE	CHAR	INQ	TRANSACTION	FACILITYLIKE	4	DIF	No	Model for virtual terminal			44
FORACTINDTO	BINARY	STAT	DFHXMRDS	XMRFAIT	4	AVG	No	Forced actions - in-doubt timeout value exceeded			39
FORACTNOWT	BINARY	STAT	DFHXMRDS	XMRFANW	4	AVG	No	Forced actions - wait not supported for resources			40
FORACTOPER	BINARY	STAT	DFHXMRDS	XMRFAOP	4	AVG	No	Forced actions - operator cancelled wait			41
FORACTOTHER	BINARY	STAT	DFHXMRDS	XMRFAOT	4	AVG	No	Forced actions - other reasons			42
FORACTTRNDF	BINARY	STAT	DFHXMRDS	XMRFATXN	4	AVG	No	Forced actions - in-doubt waiting not supported			38
INDOUBT	CVDAS	INQ	TRANSACTION	INDOUBT	4	LIKE	No	Transaction in-doubt option			35
INDOUBT Output valid values	BACKOUT, COMMIT										
INDOUBTMINS	BINARY	INQ	TRANSACTION	INDOUBTMINS	4	AVG	No	In-doubt time (minutes)			36
INDOUBTWAIT	CVDAS	INQ	TRANSACTION	INDOUBTWAIT	4	LIKE	No	In-doubt wait option			34
INDOUBTWAIT Output valid values	WAIT, NOWAIT										
INSTALLAGENT	CVDAS	INQ	TRANSACTION	INSTALLAGENT	4	LIKE	No	Installation agent		E640 E650	51
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, SYSTEM, GRPLIST, BUNDLE										
INSTALLTIME	DATETIME	INQ	TRANSACTION	INSTALLTIME	8	MAX	No	Installation time		E640 E650	56

Table 642. LOCTRAN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
INSTALLUSRID	CHAR	INQ	TRANSACTION	INSTALLUSRID	8	DIF F	No	Installation user ID		E640 E650	55
ISOLATEST	CVDAS	INQ	TRANSACTION	ISOLATEST	4	LIK E	No	Transaction isolation type			25
ISOLATEST Output valid values	ISOLATE, NOISOLATE										
LOCALCNT	BINARY	STAT	DFHXRDS	XMRDLC	4	SUM	No	Number of times transaction run locally by DTR			15
NUMINDOUBWT	BINARY	STAT	DFHXRDS	XMRIWAIT	4	AVG	No	Number of in-doubt waits			37
OPERATION	CHAR	INQ	TRANSACTION	OPERATION	64	DIF F	No	Operation Name		E640 E650 E660 E670 E680 E690	61
OTSTIMEOUT	BINARY	INQ			4	AVG	No	Object transaction service (OTS) timeout (seconds)			47
PLATFORM	CHAR	INQ	TRANSACTION	PLATFORM	64	DIF F	No	Platform Name		E640 E650 E660 E670 E680 E690	60
PRIORITY	BINARY	INQ	TRANSACTION	PRIORITY	4	AVG	Yes	Transaction priority			6
PROFILE	CHAR	INQ	TRANSACTION	PROFILE	8	DIF F	No	Transaction profile			17
PROGRAM	CHAR	INQ	TRANSACTION	PROGRAM	8	DIF F	No	First program name			7
PURGEABILITY	CVDAS	INQ	TRANSACTION	PURGEABILITY	4	LIK E	Yes	Purgeability option			8
PURGEABILITY Input/output valid values	PURGEABLE, NOTPURGEABLE										
REMOTECNT	BINARY	STAT	DFHXRDS	XMRDRC	4	SUM	No	Number of times transaction run remotely by DTR			23
REMOTENAME	CHAR	INQ	TRANSACTION	REMOTENAME	8	DIF F	No	Remote transaction name			31
REMOTESYSTEM	CHAR	INQ	TRANSACTION	REMOTESYSTEM	4	DIF F	No	Remote system name			32
REMSTARTCNT	BINARY	STAT	DFHXRDS	XMRRC	4	SUM	No	Number of attempted starts on remote system			24
RESSEC	CVDAS	INQ	TRANSACTION	RESSEC	4	LIK E	No	Resource level security status			18
RESSEC Output valid values	RESSECNO, RESSECYES										
RESTARTCNT	BINARY	STAT	DFHXRDS	XMRRC	4	SUM	No	Number of times transaction restarted			22
ROUTESTATUS	CVDAS	INQ	TRANSACTION	ROUTESTATUS	4	LIK E	No	Route status			46
ROUTESTATUS Output valid values	ROUTABLE, NOTROUTABLE										
ROUTING	CVDAS	INQ	TRANSACTION	ROUTING	4	LIK E	No	Routing type			21



Table 642. LOCTRAN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
ROUTING Output valid values	DYNAMIC, STATIC										
RTIMEOUT	BINARY	INQ	TRANSACTION	RTIMEOUT	4	AVG	No	Read timeout (seconds)			9
RUNAWAY	BINARY	INQ	TRANSACTION	RUNAWAY	4	AVG	Yes	Runaway time (milliseconds)			26
RUNAWAYTYPE	CVDAS	INQ	TRANSACTION	RUNAWAYTYPE	4	LIKE	Yes	Source of runaway timeout value			27
RUNAWAYTYPE Input/output valid values	SYSTEM, USER										
SCRNSIZE	CVDAS	INQ	TRANSACTION	SCRNSIZE	4	LIKE	No	Screen size			10
SCRNSIZE Output valid values	DEFAULT, ALTERNATE, NOTAPPLIC										
SHUTDOWN	CVDAS	INQ	TRANSACTION	SHUTDOWN	4	LIKE	Yes	Shutdown run status			28
SHUTDOWN Input/output valid values	SHUTDISABLED, SHUTENABLED										
STATUS	CVDAS	INQ	TRANSACTION	STATUS	4	LIKE	Yes	Enabled status			11
STATUS Input/output valid values	ENABLED, DISABLED										
STGVCNT	BINARY	STAT	DFHXMRDS	XMRSVC	4	SUM	No	Number of storage violations			16
STORAGECLEAR	CVDAS	INQ	TRANSACTION	STORAGECLEAR	4	LIKE	No	Storage clearance status			29
STORAGECLEAR Output valid values	CLEAR, NOCLEAR										
TASKDATAKEY	CVDAS	INQ	TRANSACTION	TASKDATAKEY	4	LIKE	No	Task data key			20
TASKDATAKEY Output valid values	CICSDATAKEY, USERDATAKEY										
TASKDATALOC	CVDAS	INQ	TRANSACTION	TASKDATALOC	4	LIKE	No	Task data location			19
TASKDATALOC Output valid values	BELOW, ANY										
TRACING	CVDAS	INQ	TRANSACTION	TRACING	4	LIKE	Yes	Tracing type			12
TRACING Input/output valid values	SPECTRACE, STANTRACE, SPRSTRACE										
TRANCLASS	CHAR	INQ	TRANSACTION	TRANCLASS	8	DIF	Yes	Transaction class name			30
TRANID-1	CHAR	INQ	TRANSACTION	TRANSACTION	4	DIF	No	Transaction ID			1
TRPROF	CHAR	INQ	TRANSACTION	TRPROF	8	DIF	No	Transaction routing profile			33
TWASIZE	BINARY	INQ	TRANSACTION	TWASIZE	4	AVG	No	Size in bytes of transaction work area (TWA)			13
USECOUNT	BINARY	STAT	DFHXMRDS	XMRAC	4	SUM	No	Number of times transaction used			14



## Chapter 280. LSRDEF Resource Table

A CICS Definition that describes a local shared resource (LSR) pool for use by CICS files.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install an LSR Pool Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionLSRPool

### Length

464

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3804

<i>Table 643. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Table 643. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 644. LSRDEF FEEDBACK error codes

Value	Code	Description
1	LSRDEF_INV_DATA	Attribute data invalid
2	LSRDEF_REC_NOT_FOUND	Requested resource not found
4	LSRDEF_REC_EXISTS	Resource already exists
5	LSRDEF_REC_CHANGED	Resource definition already changed
6	LSRDEF_INV_RESTYPE	Invalid resource type
7	LSRDEF_INV_VER	Invalid resource version
11	LSRDEF_NON_MP	Maintenance point CMAS not available
12	LSRDEF_INV_CONTEXT	Context not found
13	LSRDEF_INCONSISTENT_SET	Inconsistent set condition
14	LSRDEF_INV_RESGROUP	Resource group not found
21	LSRDEF_INV_ACTION	Invalid action
22	LSRDEF_INV_RECADDR	Invalid record address
23	LSRDEF_INV_RECLEN	Invalid record length
24	LSRDEF_DIFF_VERSION	Different version
25	LSRDEF_EARLY_NAMELIST_END	Early name list end
26	LSRDEF_INV_NAMELIST	Invalid name list
27	LSRDEF_INV_NAME	Invalid name
28	LSRDEF_INV_MINNAME	Invalid minor name

Table 644. LSRDEF FEEDBACK error codes (continued)

<b>Value</b>	<b>Code</b>	<b>Description</b>
29	LSRDEF_NOTIFY	Notify
30	LSRDEF_PARTIAL_INSTALL	Partial install
31	LSRDEF_NOTHING_INSTALLED	Nothing installed
32	LSRDEF_NO_TARGETS	No targets
33	LSRDEF_NO_RELATED	No related systems
34	LSRDEF_INV_TSCOPE	Invalid target scope
35	LSRDEF_INV_RSCOPE	Invalid related scope
36	LSRDEF_INV_USAGE	Invalid usage
37	LSRDEF_INV_MODE	Invalid mode
38	LSRDEF_INV_STATECHK	Invalid state check
39	LSRDEF_INV_FORCEINS	Invalid force install
40	LSRDEF_INV_NOTIFY	Invalid notify
41	LSRDEF_INV_OVERTYPE	Invalid over type
42	LSRDEF_INV_OVRBLOCK	Invalid override block
43	LSRDEF_INV_ORSTRING	Invalid override string
44	LSRDEF_INV_STRNGTERM	Invalid string term
45	LSRDEF_INV_EMBEDTERM	Invalid embedded terminator
46	LSRDEF_INV_ATTRIBUTE	Invalid attribute
47	LSRDEF_INV_LITERAL	Invalid literal
48	LSRDEF_INV_ORSTGNA	Invalid override string
49	LSRDEF_SCOPE_REQUIRED	Scope required
50	LSRDEF_USAGE_CONFLICT	Usage conflict
51	LSRDEF_NODEFS_SELECTED	No definitions selected
52	LSRDEF_MORE_THAN_1_RELSYS	More than one related system
53	LSRDEF_MISSING_RELSYSID	Missing related system identifier
54	LSRDEF_SCOPE_CONFLICT	Scope conflict
55	LSRDEF_INV_CSDGROUP	Invalid CSD group
56	LSRDEF_REC_NOT_REMOVED	Record not removed
57	LSRDEF_INV_RESOURCE	Invalid resource
58	LSRDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	LSRDEF_PARTIAL_ACTION	Partial action
60	LSRDEF_NOTHING_ACTIONED	Nothing actioned
61	LSRDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 644. LSRDEF FEEDBACK error codes (continued)

Value	Code	Description
62	LSRDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	LSRDEF_CSD_ERROR	CSD access error

Table 645. LSRDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	56
CHANGEAGENT Input/ output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	58
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	57
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				50
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	60
DATA12K	CHAR	CPSM	8	No	DIFF	Number of 12 KB data buffers		3-32767		17
DATA16K	CHAR	CPSM	8	No	DIFF	Number of 16 KB data buffers		3-32767		18
DATA1K	CHAR	CPSM	8	No	DIFF	Number of 1 KB data buffers		3-32767		13
DATA20K	CHAR	CPSM	8	No	DIFF	Number of 20 KB data buffers		3-32767		19
DATA24K	CHAR	CPSM	8	No	DIFF	Number of 24 KB data buffers		3-32767		20
DATA28K	CHAR	CPSM	8	No	DIFF	Number of 28 KB data buffers		3-32767		21
DATA2K	CHAR	CPSM	8	No	DIFF	Number of 2 KB data buffers		3-32767		14
DATA32K	CHAR	CPSM	8	No	DIFF	Number of 32 KB data buffers		3-32767		22
DATA4K	CHAR	CPSM	8	No	DIFF	Number of 4 KB data buffers		3-32767		15
DATA512	CHAR	CPSM	8	No	DIFF	Number of 512-byte data buffers		3-32767		12
DATA8K	CHAR	CPSM	8	No	DIFF	Number of 8 KB data buffers		3-32767		16
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		55
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				54
HSDATA12K	CHAR	CPSM	8	No	DIFF	Number of 12 KB Hiperspace data buffers		0-16777215		36
HSDATA16K	CHAR	CPSM	8	No	DIFF	Number of 16 KB Hiperspace data buffers		0-16777215		37
HSDATA20K	CHAR	CPSM	8	No	DIFF	Number of 20 KB Hiperspace data buffers		0-16777215		38

Table 645. LSRDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
HSDATA24K	CHAR	CPSM	8	No	DIFF	Number of 24 KB Hiperspace data buffers		0-16777215		39
HSDATA28K	CHAR	CPSM	8	No	DIFF	Number of 28 KB Hiperspace data buffers		0-16777215		40
HSDATA32K	CHAR	CPSM	8	No	DIFF	Number of 32 KB Hiperspace data buffers		0-16777215		41
HSDATA4K	CHAR	CPSM	8	No	DIFF	Number of 4 KB Hiperspace data buffers		0-16777215		34
HSDATA8K	CHAR	CPSM	8	No	DIFF	Number of 8 KB Hiperspace data buffers		0-16777215		35
HSINDEX12K	CHAR	CPSM	8	No	DIFF	Number of 12 KB Hiperspace index buffers		0-16777215		44
HSINDEX16K	CHAR	CPSM	8	No	DIFF	Number of 16 KB Hiperspace index buffers		0-16777215		45
HSINDEX20K	CHAR	CPSM	8	No	DIFF	Number of 20 KB Hiperspace index buffers		0-16777215		46
HSINDEX24K	CHAR	CPSM	8	No	DIFF	Number of 24 KB Hiperspace index buffers		0-16777215		47
HSINDEX28K	CHAR	CPSM	8	No	DIFF	Number of 28 KB Hiperspace index buffers		0-16777215		48
HSINDEX32K	CHAR	CPSM	8	No	DIFF	Number of 32 KB Hiperspace index buffers		0-16777215		49
HSINDEX4K	CHAR	CPSM	8	No	DIFF	Number of 4 KB Hiperspace index buffers		0-16777215		42
HSINDEX8K	CHAR	CPSM	8	No	DIFF	Number of 8 KB Hiperspace index buffers		0-16777215		43
INDEX12K	CHAR	CPSM	8	No	DIFF	Number of 12 KB index buffers		3-32767		28
INDEX16K	CHAR	CPSM	8	No	DIFF	Number of 16 KB index buffers		3-32767		29
INDEX1K	CHAR	CPSM	8	No	DIFF	Number of 1 KB index buffers		3-32767		24
INDEX20K	CHAR	CPSM	8	No	DIFF	Number of 20 KB index buffers		3-32767		30
INDEX24K	CHAR	CPSM	8	No	DIFF	Number of 24 KB index buffers		3-32767		31
INDEX28K	CHAR	CPSM	8	No	DIFF	Number of 28 KB index buffers		3-32767		32
INDEX2K	CHAR	CPSM	8	No	DIFF	Number of 2 KB index buffers		3-32767		25
INDEX32K	CHAR	CPSM	8	No	DIFF	Number of 32 KB index buffers		3-32767		33
INDEX4K	CHAR	CPSM	8	No	DIFF	Number of 4 KB index buffers		3-32767		26
INDEX512	CHAR	CPSM	8	No	DIFF	Number of 512-byte index buffers		3-32767		23
INDEX8K	CHAR	CPSM	8	No	DIFF	Number of 8 KB index buffers		3-32767		27
LSRPOOLID	CHAR	CPSM	4	No	DIFF	LSR Pool number	1	1-255		8
MAXKEYLENGTH	CHAR	CPSM	4	No	DIFF	Maximum key length		0-255		9
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				7
SHARELIMIT	CHAR	CPSM	4	No	DIFF	Resource share limit	50	1-100		10

Table 645. LSRDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
STRINGS	CHAR	CPSM	4	No	DIFF	Maximum number of file strings in pool		1-255		11
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				51
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				52
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				53



## Chapter 281. LSRINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of an LSR pool definition (LSRDEF) in a resource group (RESGROUP). An LSRDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is LSRGROUP.

The **Secondary** key field for this resource class is LSRNAME.

The **Tertiary** key field for this resource class is LSRVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6149

<i>Table 646. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 647. LSRINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	LSRINGRP_INV_DATA	Attribute data invalid
2	LSRINGRP_REC_NOT_FOUND	Requested resource not found
4	LSRINGRP_REC_EXISTS	Resource already exists
6	LSRINGRP_INV_RESTYPE	Invalid resource type
7	LSRINGRP_INV_VER	Invalid resource version
11	LSRINGRP_NON_MP	Maintenance point CMAS not available
12	LSRINGRP_INV_CONTEXT	Context not found

Table 647. LSRINGRP FEEDBACK error codes (continued)

Value	Code	Description
21	LSRINGRP_INCONSISTENT_SET	Inconsistent set
22	LSRINGRP_DIFF_VERSION	Different version
23	LSRINGRP_INV_NAME	Invalid name
24	LSRINGRP_INV_MINNAME	Invalid minor name

Table 648. LSRINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>LSRGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>LSRNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	LSR pool definition name	6
<b>LSRVER-3</b>	BINARY	CPSM	1	Yes	AVG	LSR pool definition version	7

## Chapter 282. LSRPBUF Resource Table

A CICS Resource that describes a local shared resources buffer pool in an active CICS system being managed by CICSplex SM. An instance of LSRPBUF exists for each defined buffer size in the LSR pool.

The **Primary** key for this resource table is POOLSIZEYPE. While the LSRPBUF resource class identifies multiple key attributes, only the pool number can be specified in an EVALDEF INSTANCE attribute.

There are no object specific actions for this resource class.

**External resource name**

CICLSRPoolBuffer

**Length**

80

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0036

Table 649. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 650. LSRPBUF resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
COUNT	BINARY	STAT			2	AVG	Number of buffers	11
CREADS	BINARY	STAT			4	AVG	Number of successful CREAD requests	7
CWRITES	BINARY	STAT			4	AVG	Number of successful CWRITE requests	8
FAILCREADS	BINARY	STAT			4	AVG	Number of failed CREAD requests	9
FAILCWRITES	BINARY	STAT			4	AVG	Number of failed CWRITE requests	10
HIPERBUFF	BINARY	STAT			4	AVG	Number of Hiperspace buffers	2

Table 650. LSRPBUF resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
LOOKASIDES	BINARY	STAT			4	AVG	Number of lookaside buffer reads	3
NONUWRITE	BINARY	STAT			4	AVG	Number of non user-initiated buffer writes	6
POOL	BINARY	STAT			1	MAX	Pool number	15
<b>POOLSIZETYPE-1</b>	CHAR	STAT			9	DIFF	Pool number/buffer size/ buffer type	1
READS	BINARY	STAT			4	AVG	Number of buffer reads	4
SIZE	BINARY	STAT			4	SUM	Buffer size	13
TYPE	EYUDA	INQ			4	LIKE	Buffer usage	14
TYPE Output valid values	DATA, INDEX, BOTH							
USERIWRITE	BINARY	STAT			4	AVG	Number of user-initiated buffer writes	5

## Chapter 283. LSRPOOL Resource Table

A CICS Resource that describes a local shared resources pool in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is LSRPOOLID.

There are no object specific actions for this resource class.

**External resource name**

CICLSLRPool

**Length**

136

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0035

Table 651. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 652. LSRPOOL resource table attributes									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Value Range	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		
CREATETIME	DECTSTP	STAT	DFHA08DS	A08LBKCD	4	MAX	Local create time		1
DBLOOKASIDE	BINARY	STAT	DFHA08DS	A08TOBFF_DATA	4	AVG	Number of successful lookasides to data buffers		10
DBNUWRITE	BINARY	STAT	DFHA08DS	A08TONUW_DATA	4	AVG	Number of non user-initiated data buffer writes		13
DBREAD	BINARY	STAT	DFHA08DS	A08TOFRD_DATA	4	AVG	Number of read I/Os to data buffers		11
DBUFFCNT	BINARY	STAT	DFHA08DS	A08TOBFN_DATA	4	AVG	Number of data buffers		8

Table 652. LSRPOOL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Value Range	Attr ID
DBUIWRITE	BINARY	STAT	DFHA08DS	A08TOUIW_DATA	4	AVG	Number of user-initiated data buffer writes		12
DCREAD	BINARY	STAT	DFHA08DS	A08TOCRS_DATA	4	AVG	Number of successful data buffer CREAD requests		14
DCWRITE	BINARY	STAT	DFHA08DS	A08TOCWS_DATA	4	AVG	Number of successful data buffer CWRITE requests		15
DELETETIME	DECTSTP	STAT	DFHA08DS	A08LBKDD	4	MAX	Local delete time		2
DFAILCREAD	BINARY	STAT	DFHA08DS	A08TOCRF_DATA	4	AVG	Number of failed data buffer CREAD requests		16
DFAILCWRITE	BINARY	STAT	DFHA08DS	A08TOCWF_DATA	4	AVG	Number of failed data buffer CWRITE requests		17
DHIPERBUF	BINARY	STAT	DFHA08DS	A08TOHBN_DATA	4	AVG	Number of Hiperspace data buffers		9
GMTCRETIME	TIMESTP	STAT	DFHA08DS	A08GBKCD	8	MAX	GMT create time		31
GMTDELTIME	TIMESTP	STAT	DFHA08DS	A08GBKDD	8	MAX	GMT delete time		32
IBLOOKASIDE	BINARY	STAT	DFHA08DS	A08TOBFF_INDEX	4	AVG	Number of lookaside index buffer reads		20
IBNUWRITE	BINARY	STAT	DFHA08DS	A08TONUW_INDEX	4	AVG	Number of non user-initiated index buffer writes		23
IBREADS	BINARY	STAT	DFHA08DS	A08TOFRD_INDEX	4	AVG	Total number of index buffer reads		21
IBUFFCNT	BINARY	STAT	DFHA08DS	A08TOBFN_INDEX	4	AVG	Number of index buffers		18
IBUIWRITE	BINARY	STAT	DFHA08DS	A08TOUIW_INDEX	4	AVG	Number of user-initiated index buffer writes		22
ICREAD	BINARY	STAT	DFHA08DS	A08TOCRS_INDEX	4	AVG	Number of successful index buffer CREAD requests		24
ICWRITE	BINARY	STAT	DFHA08DS	A08TOCWS_INDEX	4	AVG	Number of successful index buffer CWRITE requests		25
IDHIPERBUF	BINARY	STAT	DFHA08DS	A08TOHBN_INDEX	4	AVG	Number of Hiperspace index buffers		19
IDXDATFLG	BIT	STAT	DFHA08DS	A08FLAGS	1	LIKE	Separate data and index flag		29
IFAILCREAD	BINARY	STAT	DFHA08DS	A08TOCRF_INDEX	4	AVG	Number of failed index buffer CREAD requests		26
IFAILCWRITE	BINARY	STAT	DFHA08DS	A08TOCWF_INDEX	4	AVG	Number of failed index buffer CWRITE requests		27
<b>LSRPOOLID-1</b>	BINARY	STAT	DFHA08DS	A08SRPID	2	MAX	LSR pool number	1-255	28
MAXCCURSTR	BINARY	STAT	DFHA08DS	A08BKHAS	2	AVG	Peak number of concurrent active strings		6
MAXKEYLEN	BINARY	STAT	DFHA08DS	A08BKKYL	2	AVG	Maximum key length		3
PEAKWAITREQ	BINARY	STAT	DFHA08DS	A08BKHSW	2	AVG	Peak number of requests waiting		5
TOTSTRINGS	BINARY	STAT	DFHA08DS	A08BKSTN	2	AVG	Total number of strings		4
TOTWAITREQ	BINARY	STAT	DFHA08DS	A08BKTSW	4	AVG	Total number of string waits		7

## Chapter 284. MAPDEF Resource Table

A CICS Definition that describes a map set, which is a group of related screen layouts or maps.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a Map Set Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionMapSet

### Length

168

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3805

<i>Table 653. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Value	Code	Description
1	MAPDEF_INV_DATA	Attribute data invalid
2	MAPDEF_REC_NOT_FOUND	Requested resource not found
4	MAPDEF_REC_EXISTS	Resource already exists
5	MAPDEF_REC_CHANGED	Resource definition already changed
6	MAPDEF_INV_RESTYPE	Invalid resource type
7	MAPDEF_INV_VER	Invalid resource version
11	MAPDEF_NON_MP	Maintenance point CMAS not available
12	MAPDEF_INV_CONTEXT	Context not found
13	MAPDEF_INCONSISTENT_SET	Inconsistent set condition
14	MAPDEF_INV_RESGROUP	Resource group not found
21	MAPDEF_INV_ACTION	Invalid action
22	MAPDEF_INV_RECADDR	Invalid record address
23	MAPDEF_INV_RECLEN	Invalid record length
24	MAPDEF_DIFF_VERSION	Different version
25	MAPDEF_EARLY_NAMELIST_END	Early name list end
26	MAPDEF_INV_NAMELIST	Invalid name list
27	MAPDEF_INV_NAME	Invalid name
28	MAPDEF_INV_MINNAME	Invalid minor name



Table 654. MAPDEF FEEDBACK error codes (continued)

<b>Value</b>	<b>Code</b>	<b>Description</b>
29	MAPDEF_NOTIFY	Notify
30	MAPDEF_PARTIAL_INSTALL	Partial install
31	MAPDEF_NOTHING_INSTALLED	Nothing installed
32	MAPDEF_NO_TARGETS	No targets
33	MAPDEF_NO_RELATED	No related systems
34	MAPDEF_INV_TSCOPE	Invalid target scope
35	MAPDEF_INV_RSCOPE	Invalid related scope
36	MAPDEF_INV_USAGE	Invalid usage
37	MAPDEF_INV_MODE	Invalid mode
38	MAPDEF_INV_STATECHK	Invalid state check
39	MAPDEF_INV_FORCEINS	Invalid force install
40	MAPDEF_INV_NOTIFY	Invalid notify
41	MAPDEF_INV_OVERTYPE	Invalid over type
42	MAPDEF_INV_OVRBLOCK	Invalid override block
43	MAPDEF_INV_ORSTRING	Invalid override string
44	MAPDEF_INV_STRNGTERM	Invalid string terminator
45	MAPDEF_INV_EMBEDTERM	Invalid embedded terminator
46	MAPDEF_INV_ATTRIBUTE	Invalid attribute
47	MAPDEF_INV_LITERAL	Invalid literal
48	MAPDEF_INV_ORSTGNA	Invalid override string
49	MAPDEF_SCOPE_REQUIRED	Scope required
50	MAPDEF_USAGE_CONFLICT	Usage conflict
51	MAPDEF_NODEFS_SELECTED	No definitions selected
52	MAPDEF_MORE_THAN_1_RELSYS	More than one related system
53	MAPDEF_MISSING_RELSYSID	Missing related system identifier
54	MAPDEF_SCOPE_CONFLICT	Scope conflict
55	MAPDEF_INV_CSDGROUP	Invalid CSD group
56	MAPDEF_REC_NOT_REMOVED	Record not removed
57	MAPDEF_INV_RESOURCE	Invalid resource
58	MAPDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	MAPDEF_PARTIAL_ACTION	Partial action
60	MAPDEF_NOTHING_ACTIONED	Nothing actioned
61	MAPDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 654. MAPDEF FEEDBACK error codes (continued)

Value	Code	Description
62	MAPDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	MAPDEF_CSD_ERROR	CSD access error

Table 655. MAPDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	19
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	21
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	20
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				13
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	23
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		18
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				17
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				7
RESIDENT	EYUDA	CPSM	4	Yes	LIKE	Residence status	NO			8
RESIDENT Input/output valid values	YES, NO									
RSL	CHAR	CPSM	8	No	DIFF	Resource security value	0	0-24	E330 +	12
RSL Input/output valid values	PUBLIC									
STATUS	CVDAS	CPSM	4	Yes	LIKE	Map set status	ENABLED			9
STATUS Input/output valid values	ENABLED, DISABLED									
USAGE	EYUDA	CPSM	4	Yes	LIKE	Map set storage release	NORMAL			10
USAGE Input/output valid values	NORMAL, TRANSIENT									
USELPACOPY	EYUDA	CPSM	4	Yes	LIKE	Use map set from link pack area (LPA) option	NO			11
USELPACOPY Input/output valid values	YES, NO									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				14
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				15
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				16

## Chapter 285. MAPINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a map set definition (MAPDEF) in a resource group (RESGROUP). A MAPDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is MAPGROUP.

The **Secondary** key field for this resource class is MAPNAME.

The **Tertiary** key field for this resource class is MAPVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6150

<i>Table 656. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 657. MAPINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	MAPINGRP_INV_DATA	Attribute data invalid
2	MAPINGRP_REC_NOT_FOUND	Requested resource not found
4	MAPINGRP_REC_EXISTS	Resource already exists
6	MAPINGRP_INV_RESTYPE	Invalid resource type
7	MAPINGRP_INV_VER	Invalid resource version
11	MAPINGRP_NON_MP	Maintenance point CMAS not available
12	MAPINGRP_INV_CONTEXT	Context not found

Table 657. MAPINGRP FEEDBACK error codes (continued)

Value	Code	Description
21	MAPINGRP_INCONSISTENT_SET	Inconsistent set
22	MAPINGRP_DIFF_VERSION	Different version
23	MAPINGRP_INV_NAME	Invalid name
24	MAPINGRP_INV_MINNAME	Invalid minor name

Table 658. MAPINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>MAPGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>MAPNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Map set definition name	6
<b>MAPVER-3</b>	BINARY	CPSM	1	Yes	AVG	Map set definition version	7

## Chapter 286. MAS Resource Table

A CPSM Topology Manager object that describes the attributes of a managed application system. A MAS is the run-time representation of a CICS system definition. MAS objects can be referenced even if the CICS system is not active.

The **Primary** key field for this resource class is CICSNAME.

The CICSNAME attribute key field is ignored when named in an EVALDEF. The object instances returned are a function of the current scope in effect when the request is made.

When the EVALDEF is used by MRM, the scope is that of the CICS system for which the RTADEF is being installed.

When the EVALDEF is used by APM, the scope is that established when the RTADEF was associated with the APSPEC.

The following action is supported:

### STOP

Terminate the CICSplex SM MAS agent component.

The STOP action requires no unique parameter data.

### External resource name

CICSManagedRegion

### Length

472

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt2443

<i>Table 659. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	STOP	None	N/A
	STOPUNCON	None	N/A
	FORCEDISCON	None	N/A

Table 659. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	CPSMDUMP	BAS	No
		CHE	No
		COM	No
		DAT	No
		KNL	No
		MAS	No
		MON	No
		MSG	No
		QUE	No
		RTA	No
		SIM	No
		SLM	No
		SRV	No
		TOP	No
		TRC	No
		WLM	No

Table 660. MAS FEEDBACK error codes

Value	Code	Description
1	MAS_INV_DATA	Attribute data invalid
21	MAS_MONSPEC_MISSING	Monitor specification missing
22	MAS_RTASPEC_MISSING	RTA specification missing
23	MAS_WLMSPEC_MISSING	WLM specification missing
24	MAS_TOR_PARTICIPANT	TOR participant
25	STOPUNCON_REQUIRED	Issue StopUncon before ForceDiscon

Table 661. MAS resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Value Range	Get Invalid	Attr ID
ACTVTIME	CHAR	CPSM	8	DIFF	Yes	Period definition name			51
AINSFAIL	EYUDA	CPSM	4	LIKE	Yes	Autoinstall failure action			58
AINSFAIL Input/output valid values	CONTINUE, PROMPT, SHUTDOWN, TERMINATE, N_A								
AUTOINST	EYUDA	CPSM	4	LIKE	Yes	Autoinstall request type			57
AUTOINST Input/output valid values	NEVER, ALWAYS, COLDFONLY, WARMONLY, N_A								
BASTRACE	BITSTRIP	CPSM	4	AVG	Yes	Business Application Services (BAS) trace flags			34
BOTRSUPD	BINARY	CPSM	1	AVG	Yes	RS server bottom tier	1-25		66

Table 661. MAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Value Range	Get Invalid	Attr ID
CHETRACE	BITSTRIP	CPSM	4	AVG	Yes	Cache services trace flags			26
<b>CICSNAME-1</b>	CHAR	CPSM	8	DIFF	No	CICS system name			4
CICSSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for CICS region monitoring			12
CICSSTATE	EYUDA	CPSM	4	LIKE	No	MAS status			7
CICSSTATE Output valid values	ACTIVE, INACTIVE, LOSTCON, LOSTCMAS, LOSTMAS								
CMASNAME	CHAR	CPSM	8	DIFF	No	CMAS name			5
COMTRACE	BITSTRIP	CPSM	4	AVG	Yes	Communications trace flags			28
CONNNSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for connection monitoring			15
CPSMVER	CHAR	CPSM	4	DIFF	No	CPSM version of MAS			72
DATRACE	BITSTRIP	CPSM	4	AVG	Yes	Data repository services trace flags			33
DAYLGHTSV	EYUDA	CPSM	4	LIKE	Yes	Daylight saving time in effect			55
DAYLGHTSV Input/output valid values	YES, NO, N_A								
DBXSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for DB2/DBCTRL monitoring			14
DESC	CHAR	CPSM	58	DIFF	No	CICS system description			52
FILESAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for file monitoring			16
GLBLSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for global region monitoring			13
HOST	CHAR	CPSM	116	DIFF	No	Host Name		E640 E650	60
JRNLSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for journal monitoring			17
KNLTRACE	BITSTRIP	CPSM	4	AVG	Yes	Kernel linkage trace flags			22
MASTRACE	BITSTRIP	CPSM	4	AVG	Yes	MAS services trace flags			29
MASTYPE	EYUDA	CPSM	4	LIKE	No	MAS type			6
MASTYPE Output valid values	N_A, LOCAL, REMOTE								
MONSTATUS	EYUDA	CPSM	4	LIKE	Yes	Monitoring status			8
MONSTATUS Input/output valid values	YES, NO, FORCE, N_A								
MSGTRACE	BITSTRIP	CPSM	4	AVG	Yes	Message services trace flags			24
MXTACTION	CHAR	CPSM	8	DIFF	Yes	Action for CICS-at-maximum-tasks event			48
MXTSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for CICS-at-maximum-tasks event			42
MXTSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, N_A								
NETWORKID	CHAR	CPSM	8	DIFF	No	Network ID		E640 E650	61
NRMACTION	CHAR	CPSM	8	DIFF	Yes	Action for Non-responsive-MAS event			71
NRMSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for Non-responsive-MAS event			70
NRMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, N_A								

Table 661. MAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Value Range	Get Invalid	Attr ID
PORT	CHAR	CPSM	8	DIFF	No	Port number	1-65535	E640 E650	62
PRICMAS	CHAR	CPSM	8	DIFF	Yes	Primary CMAS name			50
PROGSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for program monitoring			18
QUETRACE	BITSTRIP	CPSM	4	AVG	Yes	Queue services trace flags			27
READRS	BINARY	CPSM	2	DIFF	Yes	RS server read interval	0-2000		63
RETENTION	BINARY	CPSM	4	AVG	Yes	Monitoring data retention period			11
RTASTATUS	EYUDA	CPSM	4	LIKE	Yes	Real time analysis status			9
RTASTATUS Input/output valid values	YES, NO, SAM, MRM, N_A								
RTATRACE	BITSTRIP	CPSM	4	AVG	Yes	Real time analysis (RTA) trace flags			32
SAMACTION	CHAR	CPSM	8	DIFF	Yes	Action for system availability monitoring event			44
SAMSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for system availability monitoring event			38
SAMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, N_A								
SDMACTION	CHAR	CPSM	8	DIFF	Yes	Action for system dump event			46
SDMSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for system dump event			40
SDMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, N_A								
SECBYPASS	EYUDA	CPSM	4	LIKE	Yes	Simulated security exemption check			37
SECBYPASS Input/output valid values	YES, NO, N_A								
SECCMDCHK	EYUDA	CPSM	4	LIKE	Yes	Simulated security command check			35
SECCMDCHK Input/output valid values	YES, NO, N_A								
SECRESCHK	EYUDA	CPSM	4	LIKE	Yes	Simulated security resource check			36
SECRESCHK Input/output valid values	YES, NO, N_A								
SOSACTION	CHAR	CPSM	8	DIFF	Yes	Action for short on storage (SOS) event			45
SOSSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for short on storage (SOS) event			39
SOSSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, N_A								
SRVTRACE	BITSTRIP	CPSM	4	AVG	Yes	Common services trace flags			25
STLACTION	CHAR	CPSM	8	DIFF	Yes	Action for CICS-stalled event			49
STLSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for CICS-stalled event			43
STLSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, N_A								
TDMACTION	CHAR	CPSM	8	DIFF	Yes	Action for transaction dump event			47



Table 661. MAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Value Range	Get Invalid	Attr ID
TDMSEV	EYUDA	CPSM	4	LIKE	Yes	Severity for transaction dump event			41
TDMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, N_A								
TDQSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for TDQ monitoring			20
TERMSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for terminal monitoring			19
TMEZONE	CHAR	CPSM	1	DIFF	Yes	Time zone			54
TMEZONEO	BINARY	CPSM	1	AVG	Yes	Time zone offset			53
TOPRSUPD	BINARY	CPSM	1	AVG	Yes	RS server top tier	1-25		65
TOPTRACE	BITSTRIP	CPSM	4	AVG	Yes	Topology trace flags			31
TRANSAMP	BINARY	CPSM	4	AVG	Yes	Sample interval for transaction monitoring			21
TRATRACE	BITSTRIP	CPSM	4	AVG	Yes	Trace services trace flags			23
UPDATERS	BINARY	CPSM	1	AVG	Yes	RS server update frequency	0-25		64
WLMOPTEN	EYUDA	CPSM	4	LIKE	Yes	WLM optimization enablement			69
WLMOPTEN Input/output valid values	ENABLED, DISABLED, N_A								
WLMQMODE	EYUDA	CPSM	4	DIFF	Yes	Task load queue mode			68
WLMQMODE Input/output valid values	ALL, MAXTASK, N_A								
WLMSTATUS	EYUDA	CPSM	4	LIKE	Yes	Workload manager status			10
WLMSTATUS Input valid values	YES								
WLMSTATUS Output valid values	YES, NO, N_A								
WLMTHRSH	BINARY	CPSM	1	AVG	Yes	Task load health threshold	1-100		67
WLMTRACE	BITSTRIP	CPSM	4	AVG	Yes	Workload management trace flags			30



## Chapter 287. MASHIST Resource Table

A CICSplex SM Operations Resource that describes the state of CICSplex SM history recording for a MAS. The MASHIST resource does not provide an explicit key attribute. The set of object instances returned is a function of the scope in effect when the request is made.

**External resource name**

CICSTaskHistoryCollection

**Length**

64

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0153

*Table 662. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	SUSPEND	None	N/A
	RESUME	None	N/A

*Table 663. MASHIST FEEDBACK error codes*

Value	Code	Description
1	INVALID_CPSM_RELEASE	Action not supported for CPSM release
2	MASHIST_STATUS_INACTV	Action not supported for an inactive history collector

*Table 664. MASHIST resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
CDSSUF	CHAR	CPSM			1	DIFF	Current data set suffix	6

Table 664. MASHIST resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
CRECNT	BINARY	CPSM			8	MAX	Number of records on current data set	3
CWRAPCNT	BINARY	CPSM			4	MAX	Number of times current data set has wrapped	4
HDSCOUNT	BINARY	CPSM			2	MAX	Number of History data sets	5
REASON	EYUDA	CPSM			4	LIKE	History reason code	2
REASON Output valid values	OK, NOTAVAILABLE, INVALIDFILE, IOERROR							
RESERVED1	CHAR	CPSM			1	LIKE	Reserved area for expansion	8
RESERVED2	BINARY	CPSM			4	LIKE	Reserved area for expansion	9
RESERVED3	BINARY	CPSM			4	LIKE	Reserved area for expansion	10
RESERVED4	BINARY	CPSM			4	LIKE	Reserved area for expansion	11
RESERVED5	BINARY	CPSM			4	LIKE	Reserved area for expansion	12
RESERVED6	BINARY	CPSM			4	LIKE	Reserved area for expansion	13
STATUS	EYUDA	CPSM			4	LIKE	History recorder status	1
STATUS Output valid values	ACTIVE, INACTIVE, SUSPEND, SUSPENDING, RESUMING							
TASKNO	DECIMAL	CPSM			4	MAX	Task ID of Current Recorder	7

## Chapter 288. MASQRYER Resource Table

This CICS resource object provides information about CMASes and MASes which failed to respond to a GET, PERFORM OBJECT, PERFORM SET, REFRESH, or SET command targeting a CICS operate resource table.

The **Primary** key field for this resource class is CICSTYPE.

The **Secondary** key field for this resource class is CICSNAME.

This resource class has no object specific actions.

### External resource name

#### Length

24

#### Usage

API

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Metadata

#### Copybook identifier

EYUt2639

Table 665. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 666. MASQRYER resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
<b>CICSNAME-2</b>	CHAR	CPSM	8	LIKE	CICS system name	5
<b>CICSTYPE-1</b>	CHAR	CPSM	1	LIKE	CICS region type	7
CICSTYPE-1 Input/output valid values	C, M					
ERRORTYPE	EYUDA	CPSM	4	LIKE	Error type	6
ERRORTYPE Output valid values	MODBNOTACTIVE, PRIVATEMETHOD, METHODLOCKED, ENVIRONTIMEOUT, ENVIRONCANCEL, STARTFAILED, STACKTOOLARGE, OVERFLOWOSSBFAIL, BADMALTRANSFER, TRANSMITTIMEOUT, EXECUTETIMEOUT, TRANSMITFAILED, TARGETUNAVAIL, SECVIOLATION, MALRETURNFAILED, MAXHISTORYRECS, REQNOTPROCED, NOTAUTHORIZED, SECINTERFACEFAIL					
PLEXNAME	CHAR	CPSM	8	LIKE	CICSplex name	4



## Chapter 289. MASSTAT Resource Table

A CICSplex SM Operations Resource that displays information about the join status of CICS systems in each CMAS in a CICSplex.

The **Primary** key field for this resource class is CICSNAME.

The **Secondary** key field for this resource class is RPTCMAS.

There are no object specific actions for this resource class.

**External resource name**

CICSManagedRegionStatus

**Length**

96

**Usage**

API or WUI or CICS Management Client Interface

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2640

Table 667. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 668. MASSTAT resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
<b>CICSNAME-1</b>	CHAR	CPSM	8	DIFF	CICS system name	4
CICSSTATE	EYUDA	CPSM	4	LIKE	MAS status	7
CICSSTATE Output valid values	ACTIVE, INACTIVE, LOSTCON, LOSTCMAS, LOSTMAS					
CMASNAME	CHAR	CPSM	8	DIFF	CMAS name	5
DESC	CHAR	CPSM	58	DIFF	CICS system description	9
MASTYPE	EYUDA	CPSM	4	LIKE	MAS type	6
MASTYPE Output valid values	N_A, LOCAL, REMOTE					
<b>RPTCMAS-2</b>	CHAR	CPSM	8	DIFF	Reporting CMAS name	8





## Chapter 290. MCICSDSA Resource Table

A CICS Monitored resource that describes a subset of the dynamic storage are attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**External resource name**

**Length**

208

**Usage**

API or WUI or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1367

*Table 669. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

*Table 670. MCICSDSA FEEDBACK error codes*

Value	Code	Description
9	MCICSDSA_NO_MON_DATA	No data for monitored resource
10	MCICSDSA_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 671. MCICSDSA resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ACCESSTYPE	EYUDA	STAT	4	LIKE	Storage key	25
ACCESSTYPE Output valid values	CICS, USER, READONLY					
ASUBTOTL	CNUMERIC	STAT	4	AVG	Number of Add Subpool requests	8
CUMCMNSSUSRS	CNUMERIC	STAT	4	AVG	Cumulative number of common subspace users	39
CUMUNQSSUSRS	CNUMERIC	STAT	4	AVG	Cumulative number of unique subspace users	36
CURCMNSSUSRS	CNUMERIC	STAT	4	AVG	Current number of common subspace users	38
CURFRESTG	PERCENT	CPSM	4	AVG	Free storage for current sample (%)	20
CURRALLOC	CNUMERIC	STAT	4	AVG	Current DSA allocated above/below 16M line	41
CURUNQSSUSRS	CNUMERIC	STAT	4	AVG	Current tasks allocated a unique subspace	35
CUSHION	BINARY	STAT	4	MAX	Cushion size	4
DSUBTOTL	CNUMERIC	STAT	4	AVG	Number of Delete Subpool requests	9
FREMTOTL	BINARY	STAT	4	AVG	Number of FREEMAIN requests	7
GETMTOTL	BINARY	STAT	4	AVG	Number of GETMAIN requests	6
HWMALLOC	CNUMERIC	STAT	4	AVG	Peak DSA allocated above/below 16M line	42
HWCMNSSUSRS	CNUMERIC	STAT	4	AVG	Peak number of common subspace users	40
HWMFREE	CNUMERIC	CPSM	4	AVG	Peak amount of free storage available	33
HWMUNQSSUSRS	CNUMERIC	STAT	4	AVG	Peak number of unique subspace users	37
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	1
INTFRESTG	PERCENT	CPSM	4	AVG	Free storage for monitor interval (%)	21
LIMIT	CNUMERIC	STAT	4	AVG	Maximum size of DSA	27
LOCATION	EYUDA	STAT	4	LIKE	Dynamic storage area (DSA) location	24
LOCATION Output valid values	ABOVE, BELOW, NOTAPPLIC					
LWMFREE	CNUMERIC	CPSM	4	AVG	Smallest amount of free storage available	34
NAME-1	CHAR	STAT	8	DIFF	Dynamic storage area (DSA)	2
NSTGTOTL	CNUMERIC	STAT	4	AVG	Number of times NOSTORAGE returned	10
NSTGTSUSP	BINARY	STAT	4	AVG	Number of current suspended storage requests	13
PCTFREE	PERCENT	CPSM	4	AVG	Percentage of available total storage	29
PGMONIU	CNUMERIC	STAT	4	AVG	Storage occupied by not-in-use programs	5
POOLPCTFREE	PERCENT	CPSM	4	AVG	Percentage of available pool storage	28
REQSWAITMVS	BINARY	STAT	4	AVG	Number of requests for MVS storage causing wait	43
RNTPGPROTECT	CVDAS	STAT	4	LIKE	Reentrant program protection status	31
RNTPGPROTECT Output valid values	REENTPROT, NOREENTPROT					
SIZE	BINARY	STAT	4	MAX	DSA Size	3
STGCRELC	BINARY	STAT	4	AVG	Number of times cushion released	15

Table 671. MCICSDSA resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
STGFSIZE	BINARY	STAT	4	MAX	Free storage size	18
STGHWM	BINARY	STAT	4	AVG	Peak size of DSA	26
STGLSIZE	CNUMERIC	STAT	4	AVG	Largest free area size	22
STGNSUBP	BINARY	STAT	4	AVG	Number of current subpools	17
STGPROTECT	CVDAS	STAT	4	LIKE	Storage protection active	30
STGPROTECT Output valid values	ACTIVE, INACTIVE					
STGPWCNT	CNUMERIC	STAT	4	AVG	Number of tasks purged while waiting	14
STGSHWM	BINARY	STAT	4	AVG	Peak number of suspended storage requests	12
STGSOSC	CNUMERIC	STAT	4	SUM	Short on storage count	16
STGSOST	INTTSTP	STAT	8	SUM	Total time CICS was short on storage	19
STGSTOTL	BINARY	STAT	4	AVG	Number of times requests were suspended	11
STGVTOTL	CNUMERIC	STAT	4	AVG	Number of storage violations	23
TIMWAITMVS	INTTSTP	STAT	8	AVG	Total time waiting for MVS storage	44
TRNISOLATION	CVDAS	STAT	4	LIKE	Transaction isolation status	32
TRNISOLATION Output valid values	ACTIVE, INACTIVE					



## Chapter 291. MCICSRGN Resource Table

A CICS Monitored resource that describes a subset of the CICS region attributes sampled by the CICSplex SM MAS Monitor agents.

The MCICSRGN resource class does not provide an explicit key attribute. The set of object instances returned is a function of the current scope in effect when the request is made.

The following actions are supported:

### **DISCARD**

Remove the Monitored resource instance.

### **RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

### **External resource name**

#### **Length**

440

#### **Usage**

API or WUI or EVALDEF

#### **API view**

Yes

#### **CMAS context**

No

#### **SCOPE applies**

Yes

#### **Only query CMASs in workload**

No

#### **Object type**

CICS Monitored

#### **Copybook identifier**

EYUt1366

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Value	Code	Description
9	MCICSRGN_NO_MON_DATA	No data for monitored resource
10	MCICSRGN_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 674. MCICSRGN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
AINSCREQ	CNUMERIC	INQ	4	AVG	Number of current autoinstall requests		10
AINSMREQ	CNUMERIC	INQ	4	AVG	Maximum number of autoinstall requests		11
AINSSTAT	CVDAS	INQ	4	LIKE	Autoinstall enabled status		12
AINSSTAT Output valid values	ENABLED, DISABLED						
AMAXTASKS	BINARY	INQ	4	SUM	Maximum number of active tasks	E410+	4
CICSSTATUS	CVDAS	INQ	4	LIKE	CICS status		6
CICSSTATUS Output valid values	STARTUP, ACTIVE, FIRSTQUIESCE, FINALQUIESCE						
CPUTIME	INTUSEC	CPSM	8	AVG	Total CPU time used		48
CTSLEVEL	CHAR	INQ	6	DIFF	CICS Transaction Server level		101
CURACTVUSRTR	CNUMERIC	STAT	4	AVG	Current number of active user transactions		76
CURAMAXRATE	RATE	CPSM	4	AVG	AMAX rate for current sample	E410+	22
CURCPUPER	PERCENT	CPSM	4	AVG	CPU usage during last sample period		49
CURPAMAXRATE	RATE	CPSM	4	AVG	Peak AMAX rate for current sample	E410+	24
CURPGIRATE	RATE	CPSM	4	AVG	Page-in rate for current sample		52
CURPGORATE	RATE	CPSM	4	AVG	Page-out rate for current sample		55
CURPTSKRATE	RATE	CPSM	4	AVG	Peak task rate for current sample		18
CURQUEDUSRTR	CNUMERIC	STAT	4	AVG	Current number of queued user transactions		77
CURQUETIME	INTTSTP	STAT	8	AVG	Time currently queued transactions waiting		83
CURRAMAX	CNUMERIC	STAT	2	AVG	Current number of user tasks eligible for dispatch	E410+	21
CURRTASKS	BINARY	INQ	4	SUM	Current number of tasks		74
CURSIORATE	RATE	CPSM	4	AVG	Start I/O rate for current sample		59
CURTASKRATE	RATE	CPSM	4	AVG	Task rate for current sample		16
CUTCBCNT	CNUMERIC	STAT	2	SUM	Number of MVS task control blocks (TCBs)		15
DSGTOTMT	INTTSTP	STAT	8	AVG	Total MVS storage wait time		103
DSGTOTMW	BINARY	STAT	4	AVG	Total number of MVS storage waiters		104
EXTSEC	CVDAS	INQ	4	LIKE	External security manager option		8
EXTSEC Output valid values	EXTSECURITY, NOSECURITY						
INTAMAXRATE	RATE	CPSM	4	AVG	AMAX rate for interval	E410+	23
INTCPUPER	PERCENT	CPSM	4	AVG	Average CPU usage over monitor interval		50
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID		1
INTPAMAXRATE	RATE	CPSM	4	AVG	Peak AMAX rate for interval	E410+	25
INTPGIRATE	RATE	CPSM	4	AVG	Page-in rate for monitor interval		53
INTPGORATE	RATE	CPSM	4	AVG	Page-out rate for monitor interval		56
INTPTSKRATE	RATE	CPSM	4	AVG	Peak task rate for interval		19
INTSIORATE	RATE	CPSM	4	AVG	Start I/O rate for monitor interval		60

Table 674. MCICSRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
INTTASKRATE	RATE	CPSM	4	AVG	Task rate for interval		17
INTVTRANS	CNUMERIC	STAT	4	AVG	Transactions run since last CPSM statistics reset		98
IRCSTAT	CVDAS	INQ	4	LIKE	Interregion communication (IRC) status		13
IRCSTAT Output valid values	OPEN, CLOSED, CLOSING, IMMCLOSING						
JOBNAME	CHAR	INQ	8	DIFF	Job name		2
LASTRESET	TIMESTP	STAT	8	MAX	Last statistics reset time		29
LOADHWMC	CNUMERIC	STAT	4	AVG	Number of times peak suspended tasks reached		35
LOADHWMW	CNUMERIC	STAT	4	AVG	Peak number of tasks waiting for load requests		34
LOADPNIU	CNUMERIC	STAT	4	AVG	Number of programs on not-in-use queue		40
LOADREQS	CNUMERIC	STAT	4	AVG	Number of load requests		28
LOADRNIU	CNUMERIC	STAT	4	AVG	Number of reclaims from not-in-use queue		41
LOADTIME	INT16US	STAT	4	AVG	Total loading time		30
LOADTNIU	INTTSTP	STAT	8	AVG	Total time to remove not-in-use programs		39
LOADWAIT	INT16US	STAT	4	AVG	Total load waiting time		36
LOADWCNT	CNUMERIC	STAT	4	AVG	Number of tasks that have waited for load requests		33
LUCURR	CNUMERIC	STAT	4	AVG	Number of LUs currently logged on		67
LUHWM	CNUMERIC	STAT	4	AVG	Highest number of LUs logged on at any one time		68
MAXTASKS	BINARY	INQ	4	AVG	Maximum number of active and suspended tasks		5
MAXTRCNT	BINARY	STAT	4	AVG	Number of times MAXTASK limit reached		75
MROBATCH	BINARY	INQ	4	AVG	Number of MRO requests to be batched		9
MVSSYSID	CHAR	CPSM	4	DIFF	MVS system ID		3
OSLEVEL	CHAR	INQ	6	DIFF	z/OS level		102
PAGEIN	BINARY	CPSM	4	AVG	Number of page-in requests		51
PAGEOUT	BINARY	CPSM	4	AVG	Number of page-out requests		54
PEAKAMAX	CNUMERIC	STAT	2	AVG	Peak number of user tasks eligible for dispatch	E410+	26
PEAKTASKS	BINARY	STAT	2	AVG	Peak number of tasks in system		20
PEKACTVUSRTR	CNUMERIC	STAT	4	AVG	Peak number of active user transaction		78
PEKQUEDUSRTR	CNUMERIC	STAT	4	AVG	Peak number of queued user transactions		79
PLASTRESET	DECTIME	STAT	4	AVG	Last reset time		100
PRGMRCMP	CNUMERIC	STAT	4	AVG	Number of programs removed by compression		38
PRGMUCNT	CNUMERIC	STAT	4	AVG	Number of uses of any program by the CICS system		31
PRGMWAIT	CNUMERIC	STAT	4	AVG	Current number of waiting loader requests		32

Table 674. MCICSRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
PROGAUTOATTM	CNUMERIC	STAT	4	AVG	Number of program autoinstall attempts		84
PROGAUTOFAIL	CNUMERIC	STAT	4	AVG	Number of failed program autoinstall attempts		86
PROGAUTOXREJ	CNUMERIC	STAT	4	AVG	Number of times autoinstall prog request rejected		85
PRSSERRORCNT	CNUMERIC	STAT	4	AVG	Persistent sessions error count		73
PRSSINQCNT	CNUMERIC	STAT	4	AVG	Number of CICS persistent-session inquiries		69
PRSSNIBCNT	CNUMERIC	STAT	4	AVG	Number of VTAM sessions that persisted		70
PRSSOPNCNT	CNUMERIC	STAT	4	AVG	Number of persistent sessions successfully restored		71
PRSSUNBNDCNT	CNUMERIC	STAT	4	AVG	Number of persistent sessions that were terminated		72
RDEBRBLD	CNUMERIC	STAT	4	AVG	Number of times DFHRPL reopened and load retried		37
REALSTG	CNUMERIC	CPSM	4	AVG	Real storage in use		57
RELEASE	CHAR	INQ	4	DIFF	CICS Release		97
SDMPSUPP	CNUMERIC	STAT	4	AVG	Number of system dumps suppressed		43
SDMPTOTL	CNUMERIC	STAT	4	AVG	Number of system dumps taken		42
SIOREQ	BINARY	CPSM	8	AVG	Number of I/O requests		58
STRTTIME	TIMESTP	CPSM	8	MAX	CICS start time		47
SYSDUMP	CVDAS	INQ	4	LIKE	System dump status		7
SYSDUMP Output valid values	SYSDUMP, NOSYSDUMP						
SYSID	CHAR	CPSM	4	DIFF	CICS system ID		46
TDMPSUPP	CNUMERIC	STAT	4	AVG	Number of transaction dumps suppressed		45
TDMPTOTL	BINARY	STAT	4	AVG	Number of transaction dumps taken		44
TOTACTVUSRTR	CNUMERIC	STAT	4	AVG	Total number of active user transactions		80
TOTDELYUSRTR	CNUMERIC	STAT	4	AVG	Total number of queued user transactions		81
TOTLTASKS	BINARY	STAT	8	AVG	Total number of tasks		99
TOTQUETIME	INTTSTP	STAT	8	AVG	Total time queued transactions waited		82
VTMACBDOPE	CNUMERIC	STAT	2	AVG	Number of times VTAM ACB dynamically opened		65
VTMRPLMAX	DECIMAL	STAT	4	AVG	Number of times RPL maximum value was reached		62
VTMRPLPOST	DECIMAL	STAT	2	AVG	Maximum number of VTAM RPLs posted		63
VTMSOSCNT	CNUMERIC	STAT	2	AVG	Number of times VTAM had short-on-storage status		64
VTMSTATUS	CVDAS	INQ	4	LIKE	CICS-VTAM connection status		61
VTMSTATUS Output valid values	OPEN, CLOSED, CLOSING, IMMCLOSING, FORCECLOSING, NOTAPPLIC						



## Chapter 292. MCMDT Resource Table

A CICS Monitored resource that describes a subset of the data table attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is FILE.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**External resource name**

**Length**

312

**Usage**

API or WUI or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1399

<i>Table 675. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

<i>Table 676. MCMDT FEEDBACK error codes</i>		
Value	Code	Description
9	MCMDT_NO_MON_DATA	No data for monitored resource
10	MCMDT_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 677. MCMDT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ADDCNT	BINARY	STAT	4	AVG	Number of add requests	16
ADDFRREAD	CNUMERIC	STAT	4	AVG	Add requests resulting from reads	34
ADDREJ	CNUMERIC	STAT	4	AVG	Add requests rejected by exit	36
ADDREQ	CNUMERIC	STAT	4	AVG	Total add requests	35
ADDTFULL	CNUMERIC	STAT	4	AVG	Total add requests when table full	37
BROWSECNT	BINARY	STAT	4	AVG	Number of browse requests	15
CONTENTION	CNUMERIC	STAT	4	AVG	CFDT contention count	62
CURCOUNT	CNUMERIC	STAT	4	AVG	Current record count	44
CURDEXP RATE	RATE	CPSM	4	AVG	VSAM data EXCP rate current sample	24
CURIEXP RATE	RATE	CPSM	4	AVG	VSAM index EXCP rate current sample	26
CURMRQ RATE	RATE	CPSM	4	AVG	MDT request rate for current sample	42
CURREAD RATE	RATE	CPSM	4	AVG	Successful read rate current sample	31
CURREQ RATE	RATE	CPSM	4	AVG	Request rate for current sample	20
DELETEREQ	CNUMERIC	STAT	4	AVG	Total delete requests	39
DEXPCNT	BINARY	STAT	4	AVG	VSAM EXCP count data component	22
DSNAME	CHAR	INQ	44	DIFF	Data set name	4
ENABLESTATUS	CV DAS	INQ	4	LIKE	Enabled status	5
ENABLESTATUS Output valid values	ENABLED, DISABLED, UNENABLED, DISABLING, UNENABLING					
<b>FILE-01</b>	CHAR	INQ	8	DIFF	File identifier	2
GETCNT	BINARY	STAT	4	AVG	Number of get requests	13
GETUPDCNT	BINARY	STAT	4	AVG	Number of get update requests	14
IEXPCNT	BINARY	STAT	4	AVG	VSAM EXCP count INDX component	23
INTDEXPRATE	RATE	CPSM	4	AVG	VSAM data EXCP rate for interval	25
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval identifier	1
INTIEXP RATE	RATE	CPSM	4	AVG	VSAM index EXCP rate for interval	27
INTMRQ RATE	RATE	CPSM	4	AVG	MDT request rate for interval	43
INTREAD RATE	RATE	CPSM	4	AVG	Successful read rate for interval	32
INTREQ RATE	RATE	CPSM	4	AVG	Request rate for interval	21
LOCDEL CNT	BINARY	STAT	4	AVG	Number of local delete requests	18
LSRPOOLID	BINARY	INQ	2	MAX	LSR Pool number	54
MAXNUMRECS	BINARY	INQ	4	AVG	Maximum records table can hold	6
MAXT SIZE	CNUMERIC	STAT	4	AVG	Highest table size	40
NUMACTSTRING	CNUMERIC	STAT	2	AVG	Number of active strings	57
NUMDATBUFF	CNUMERIC	STAT	2	AVG	Number of data buffers	55
NUMINDEXBUFF	CNUMERIC	STAT	2	AVG	Number of index buffers	56
NUMSTRINGWT	CNUMERIC	STAT	2	AVG	Number of active string waits	58
OPENSTATUS	CV DAS	INQ	4	LIKE	Open status	7
OPENSTATUS Output valid values	OPEN, CLOSED, OPENING, CLOSING, CLOSEREQUEST					
POOLNAME	CHAR	INQ	8	DIFF	CFDT pool name	59
READRETRY	CNUMERIC	STAT	4	AVG	Read retries	45

Table 677. MCMDT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
READS	CNUMERIC	STAT	4	AVG	Successful reads	30
RECNOTFND	CNUMERIC	STAT	4	AVG	Total records not found in table	33
RECORDSIZE	BINARY	INQ	4	AVG	Record size	8
REWRITE	CNUMERIC	STAT	4	AVG	Total rewrite requests	38
STGALCINU	CNUMERIC	STAT	4	AVG	Total storage in use	47
STGALCTOT	CNUMERIC	STAT	4	AVG	Total storage allocated	46
STGDTAINU	CNUMERIC	STAT	4	AVG	Data storage in use	53
STGDTATOT	CNUMERIC	STAT	4	AVG	Data storage allocated	52
STGENTINU	CNUMERIC	STAT	4	AVG	Entries storage in use	49
STGENTTOT	CNUMERIC	STAT	4	AVG	Entries storage allocated	48
STGIDXINU	CNUMERIC	STAT	4	AVG	Index storage in use	51
STGIDXTOT	CNUMERIC	STAT	4	AVG	Index storage allocated	50
STRINGS	BINARY	INQ	4	AVG	Strings	9
TABLE	CVDAS	INQ	4	LIKE	Data table indicator	10
TABLE Output valid values	CICSTABLE, USERTABLE, CFTABLE, NOTTABLE					
TABLENAME	CHAR	INQ	8	DIFF	CFDT table name	60
TIMECLOSE	DECTSTP	STAT	4	MAX	Time closed	11
TIMEOPEN	DECTSTP	STAT	4	MAX	Time opened	12
TOTLREQCNT	SUM	STAT	4	AVG	Sum of all requests	19
TOTMREQCNT	SUM	STAT	4	AVG	Sum of all MDT requests	41
UPDATECNT	BINARY	STAT	4	AVG	Number of update requests	17
VSAMTYPE	CVDAS	INQ	4	LIKE	VSAM file type	3
VSAMTYPE Output valid values	ESDS, KSDS, RRDS					
WSTRCCURCNT	BINARY	STAT	4	AVG	Wait on string maximum concurrent count	29
WSTRCNT	BINARY	STAT	4	AVG	Wait on string total count	28



## Chapter 293. MCONNECT Resource Table

A CICS Monitored resource that describes a subset of the connection attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**External resource name**

**Length**

216

**Usage**

API or WUI or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1370

<i>Table 678. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

<i>Table 679. MCONNECT FEEDBACK error codes</i>		
Value	Code	Description
9	MCONNECT_NO_MON_DATA	No data for monitored resource
10	MCONNECT_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 680. MCONNECT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ACCESSMETHOD	CVDAS	INQ	4	LIKE	Access method	7
ACCESSMETHOD Output valid values	VTAM, IRC, INDIRECT, XM					
AIDS	BINARY	STAT	2	AVG	Number of automatic initiate descriptors (AIDs)	9
ALLOCATES	BINARY	STAT	4	AVG	Total number of allocate requests	16
ALLOCQLIMIT	CNUMERIC	STAT	2	AVG	Allocate queue limit (QUEUELIMIT)	36
ATISBPRI	BINARY	STAT	4	AVG	Number of ATIs satisfied by primary sessions	11
ATISBSEC	BINARY	STAT	4	AVG	Number of ATIs satisfied by secondary sessions	13
BIDSSENT	BINARY	STAT	4	AVG	Total number of bids sent	15
CONCURBIDS	BINARY	STAT	2	AVG	Number of bids currently in progress	28
CONNCREATIME	TIMESTP	STAT	8	MAX	Local connection create time	45
CONNDELETIME	TIMESTP	STAT	8	MAX	Local connection delete time	47
CONNSTATUS	CVDAS	INQ	4	LIKE	Connection status	6
CONNSTATUS Output valid values	RELEASED, OBTAINING, ACQUIRED, FREEING, AVAILABLE					
CURFCFSRATE	RATE	CPSM	4	AVG	File Control ship rate for current sample	29
DLIFUNCSHIP	BINARY	STAT	4	AVG	Number of DL/I function ships	25
DPLFUNCSHIP	BINARY	STAT	4	AVG	Number of Distributed Program Link function ships	52
EXIT_REJALLC	CNUMERIC	STAT	4	AVG	Allocates rejected because QUEUELIMIT reached	31
FAILEDOTHERS	BINARY	STAT	4	AVG	Number of allocate requests with other failure	20
FAILINKALLOC	BINARY	STAT	4	AVG	Number of allocate requests with link failure	19
FCFUNCSHIP	BINARY	STAT	4	AVG	Number of File Control function ships	21
GMTCREATIME	TIMESTP	STAT	8	MAX	GMT connection create time	44
GMTDELETIME	TIMESTP	STAT	8	MAX	GMT connection delete time	46
ICFUNCSHIP	BINARY	STAT	4	AVG	Number of Interval Control function ships	22
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	1
INTFCFSRATE	RATE	CPSM	4	AVG	File Control ship rate for interval	30
MAXBIDS	BINARY	STAT	4	AVG	Maximum number of concurrent bids	14
MAXPRIMARIES	CNUMERIC	STAT	2	AVG	Peak number of primary sessions in use	27
MAXQTALLCPRG	CNUMERIC	STAT	2	AVG	Number of allocates purged when MAXQTIME exceeded	41
MAXQTIME	CNUMERIC	STAT	2	AVG	Maximum queue time	35
MAXQTPURGCNT	CNUMERIC	STAT	2	AVG	Number of allocate queue purges due to MAXQTIME value	34
MAXSECOND	BINARY	STAT	4	AVG	Peak number of secondaries in use at one time	12
NAME-1	CHAR	INQ	4	DIFF	Connection ID	2
NETNAME	CHAR	INQ	8	DIFF	Net name	3
NONSPECAID	BINARY	STAT	2	AVG	Number of AIDs waiting for a session	10

Table 680. MCONNECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
OUTSALLOC	BINARY	STAT	4	AVG	Peak number of outstanding allocate requests	17
PRICURRUSED	CNUMERIC	STAT	2	AVG	Number of primaries currently in use	50
PROTOCOL	CVDAS	INQ	4	LIKE	Connection protocol	4
PROTOCOL Output valid values	LU61, APPC, NOTAPPLIC					
QUEDALLOCATE	BINARY	STAT	4	AVG	Number of queued allocate requests	18
RECEIVECOUNT	CNUMERIC	INQ	4	AVG	Number of defined receive sessions	32
SECCURRUSED	CNUMERIC	STAT	2	AVG	Number of secondaries currently in use	51
SENDCOUNT	CNUMERIC	INQ	4	AVG	Number of defined send sessions	33
SERVSTATUS	CVDAS	INQ	4	LIKE	Service status	8
SERVSTATUS Output valid values	INSERVICE, OUTSERVICE, GOINGOUT					
TDFUNCSHIP	BINARY	STAT	4	AVG	Number of Transient Data function ships	23
TERMSHAREREQ	BINARY	STAT	4	AVG	Number of terminal sharing requests	26
TOTFUNCSHIP	SUM	STAT	4	AVG	Total number of function ships	43
TSFUNCSHIP	BINARY	STAT	4	AVG	Number of Temporary Storage function ships	24
TYPE	EYUDA	CPSM	4	LIKE	Connection type	5
TYPE Output valid values	LU61, LU62, INDIRECT, MRO					
XZIQALLCPRG	CNUMERIC	STAT	2	AVG	Number of allocates purged by XZIQUE exit	40
XZIQPRGCNT	CNUMERIC	STAT	2	AVG	Number of queue purges requested by XZIQUE exit	39
XZIQREJS	CNUMERIC	STAT	4	AVG	Number of allocates rejected by XZIQUE exit	38





## Chapter 294. MDB2THRD Resource Table

A CICS Monitored resource that describes a subset of the DB2 thread attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is INITTRAN.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**External resource name**

**Length**

112

**Usage**

API or WUI or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1389

*Table 681. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

*Table 682. MDB2THRD FEEDBACK error codes*

Value	Code	Description
9	MDB2THRD_NO_MON_DATA	No data for monitored resource
10	MDB2THRD_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 683. MDB2THRD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ABORTCNT	BINARY	CPSM	4	AVG	Number of aborts	17
AUTHCNT	BINARY	CPSM	4	SUM	Number of authorizations done	12
AUHTYPE	EYUDA	CPSM	4	LIKE	Authorization type	3
AUHTYPE Output valid values	USER, TERMID, TRANID, SIGNID, CHARSTR, USERID, RACFGID, NULL					
CURTHREADS	BINARY	CPSM	2	AVG	Current number of threads	7
CURUSERATE	RATE	CPSM	4	AVG	Usage rate for current sample	14
DPMODE	EYUDA	CPSM	4	LIKE	Dispatching mode	4
DPMODE Output valid values	HIGH, LOW, EQ					
<b>INITTRAN-1</b>	CHAR	CPSM	4	DIFF	Initial transaction	2
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval identifier	1
INTUSERATE	RATE	CPSM	4	AVG	Usage rate for interval	15
MAXTHREADS	BINARY	CPSM	2	AVG	Maximum number of threads	6
NAME	CHAR	CPSM	4	DIFF	DB2 subsystem	21
OTHERIDS	BINARY	CPSM	4	AVG	Number of transactions in group	19
PLANNAME	CHAR	CPSM	8	DIFF	Plan name if not dynamic allocation	11
PLANPRGM	CHAR	CPSM	8	DIFF	Dynamic plan allocation exit program	10
READCOMMIT	BINARY	CPSM	4	AVG	Number of read only commits	18
ROLLBACKOPT	EYUDA	CPSM	4	LIKE	Rollback option	5
ROLLBACKOPT Output valid values	YES, NO					
RSVTHREADS	BINARY	CPSM	4	AVG	Reserved threads	8
THREADHWM	BINARY	CPSM	2	MAX	Peak number of threads in use	20
THREADWAIT	BINARY	CPSM	4	SUM	Number of thread waits	16
THREADWOPT	EYUDA	CPSM	4	LIKE	Thread wait option	9
THREADWOPT Output valid values	TWAIT, NOTWAIT, POOL, YES, NO, NA					
USECOUNT	BINARY	CPSM	4	SUM	Number of times plan used	13

## Chapter 295. METADESC Resource Table

A CPSM MetaData resource that describes the basic structure and layout of an attribute in the resource table instance data structure.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

### External resource name

#### Length

24

#### Usage

API

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Metadata

#### Copybook identifier

EYUt2546

Table 684. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 685. METADESC resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
DATATYPE	BINARY	CPSM	1	AVG	Data type	7
DATATYPE Input/output valid values	0 (COMP) - Component Identifier, 4 (BIN) - Binary Numeric, 8 (RATE) - Binary Derived Rate, 12 (PER) - Binary Derived Percent, 16 (SUM) - Binary Derived Sum, 20 (RATO) - Binary Derived Ratio, 24 (AVG) - Binary Derived Average, 28 (TSTP) - System/370 Timestamp, 32 (BIT) - Bit, 36 (TEXT) - Text, 40 (CHAR) - Character, 44 (EYUD) - EYUDA, 48 (CVDS) - CVDA Standard, 52 (CVDT) - CVDA Terminal, 56 (REST) - Resource Type, 60 (PACK) - Packed Decimal, 64 (DATE) - Date, 68 (ILBL) - Internal Label Field, 72 (HHMM) - Binary HHMM, 76 (SCLK) - Interval Store Clock, 80 (IUSC) - Interval Microseconds, 84 (IMSC) - Interval Milliseconds, 88 (16US) - Interval 16 Microseconds, 92 (ISEC) - Interval Seconds, 96 (IUSS) - Interval Store Clock delta, 100 (DTGP) - Date Time Group, 104 (DECT) - Packed Decimal Timestamp, 108 (ADDR) - Address, 112 (CNUM) - Coded Numeric, 116 (HCHR) - Non Display Character, 120 (HEX) - Hexadecimal, 124 (TBLV) - Table version, 128 (RAT3) - Binary derived rate 3DP, 132 (PER3) - Binary derived percent 3DP, 136 (SUM3) - Binary derived sum 3DP, 140 (AVG3) - Binary derived average 3DP, 144 (DECS) - Packed Decimal Time - No Tenths, 152 (SC12) - Interval Store Clock Length 12, 156 (BITS) - String of bit flags					
INHERIT	CHAR	CPSM	1	DIFF	Inherit value	9
INHERIT Input/output valid values	N (NO) - Attribute not Inheritable, Y (YES) - Attribute is Inheritable					
LENGTH	BINARY	CPSM	2	AVG	Attribute length	5
<b>NAME-1</b>	CHAR	CPSM	12	DIFF	Attribute name	4
OFFSET	BINARY	CPSM	2	AVG	Attribute offset in table	6



## Chapter 296. METANAME Resource Table

A CPSM MetaData resource that provides information about CVDASs, CVDATs and EYUDAs.

The **Primary** key field for this resource class is NAMETYPE.

The **Secondary** key field for this resource class is VALUE.

There are no object specific actions for this resource class.

**External resource name**

**Length**

40

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Metadata

**Copybook identifier**

EYUt2634

Table 686. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 687. METANAME resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
DESCRIPTION	CHAR	CPSM	16	DIFF	Short description	8
NAME	CHAR	CPSM	12	DIFF	Name of CVDA or EYUDA	7
<b>NAMETYPE-1</b>	BINARY	CPSM	1	DIFF	Type of data	4
NAMETYPE-1 Input/output valid values	1 (CVDAS) - Standard CVDA, 2 (CVDAT) - Terminal CVDA, 3 (EYUDA) - EYUDA					
<b>VALUE-2</b>	BINARY	CPSM	4	DIFF	Numeric value of CVDA or EYUDA	6



# Chapter 297. METAPARM Resource Table

A CPSM MetaData resource that provides information about a parameter for an action.

The **Primary** key field for this resource class is TABLE.

The **Secondary** key field for this resource class is ACTION.

The **Tertiary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

**Length**  
112

**Usage**  
API

**API view**  
No

**CMAS context**  
No

**SCOPE applies**  
No

**Only query CMASs in workload**  
No

**Object type**  
CICSplex SM Metadata

**Copybook identifier**  
EYUt2633

Table 688. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 689. METAPARM resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
<b>ACTION-2</b>	CHAR	CPSM	12	DIFF	Action name	5
CICSVALAVAIL	CHAR	CPSM	1	DIFF	CICS validity data available	20
CICSVALAVAIL Input/output valid values	Y (YES) - CICS Validity active, N (NO) - No CICS Validity data					
DATE	CHAR	CPSM	1	DIFF	Parameter represents a date	29
DATE Input/output valid values	N (NO) - Parameter does not represent a date, Y (YES) - Parameter does represent a date					
DESCRIPTION	CHAR	CPSM	50	DIFF	Description	19
GROUP_ID	BINARY	CPSM	1	AVG	Parameter token	8
ID	BINARY	CPSM	4	AVG	Parameter number	7
MODE	BINARY	CPSM	1	DIFF	Mode of application of parameter	18
MODE Input/output valid values	1 (COPY) - Copy from base table, 2 (LIST) - Array of values, 3 (FLAG) - Bit setting, 4 (KEYWORD) - Keyword in API parm string, 5 (FILTER) - Filter string, 6 (INPUT) - API keyword with value, 7 (MODFLAG) - Base table field with existence bit, 8 (OVERRIDE) - Base table field with existence bit					

Table 689. METAPARM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
NAME-3	CHAR	CPSM	12	DIFF	Parameter literal in API parameter string	6
PICKLIST	CHAR	CPSM	1	DIFF	Picklist supported	31
PICKLIST Input/output valid values	N (NO) - Picklist not supported, Y (YES) - Picklist supported					
REQUIRED	CHAR	CPSM	1	DIFF	Parameter required	9
REQUIRED Input/output valid values	N (NO) - Parameter is mandatory, Y (YES) - Parameter is optional					
TABLE-1	CHAR	CPSM	8	DIFF	Base table name	4
TIME	CHAR	CPSM	1	DIFF	Parameter represents a time	30
TIME Input/output valid values	N (NO) - Parameter does not represent a time, Y (YES) - Parameter does represent a time					
VALCICES2	BIT	CPSM	1	LIKE	Not valid in CICS Transaction Server for z/OS byte 2	27
VALCICES2 Input/output valid values	128 (E630) - CICS Transaction Server for z/OS, Version 2 Release 3, 64 (E640) - CICS Transaction Server for z/OS, Version 3 Release 1, 32 (E650) - CICS Transaction Server for z/OS, Version 3 Release 2, 16 (E660) - CICS Transaction Server for z/OS, Version 4 Release 1, 8 (E670) - CICS Transaction Server for z/OS, Version 4 Release 2, 4 (E680) - CICS Transaction Server for z/OS, Version 5 Release 1, 2 (E690) - CICS Transaction Server for z/OS, Version 5 Release 2, 1 (E700) - CICS Transaction Server for z/OS, Version 5 Release 3					
VALCICES3	BIT	CPSM	1	LIKE	Not valid in CICS Transaction Server for z/OS byte 3	28
VALCICES3 Input/output valid values	128 (E710) - CICS Transaction Server for z/OS, Version 5 Release 4, 64 (E720) - CICS Transaction Server for z/OS, Version 5 Release 5					
VALCICESA	BIT	CPSM	1	LIKE	Not valid in CICS/ESA	21
VALCICESA Input/output valid values	128 (M212) - CICS/MVS 212, 64 (E330) - CICS/ESA 330, 32 (E410) - CICS/ESA 410, 16 (E510) - CICS Transaction Server for OS/390, Release 1, 8 (E520) - CICS Transaction Server for OS/390, Release 2, 4 (E530) - CICS Transaction Server for OS/390, Release 3, 2 (E610) - CICS Transaction Server for z/OS, Version 2 Release 1, 1 (E620) - CICS Transaction Server for z/OS, Version 2 Release 2					
VALCICOS2	BIT	CPSM	1	LIKE	Not valid in CICS/OS2	23
VALCICOS2 Input/output valid values	128 (O201) - CICS OS/2 201, 64 (O300) - CICS OS/2 300, 32 (O311) - CICS OS/2 310					
VALCICVSE	BIT	CPSM	1	LIKE	Not valid in CICS/VSE	22
VALCICVSE Input/output valid values	128 (V220) - CICS/VSE 220, 64 (V230) - CICS/VSE 230, 32 (V410) - CICS/VSE 410					
VALCICSWNT	BIT	CPSM	1	LIKE	Not valid in CICS for Windows	26
VALCICSWNT Input/output valid values	128 (N430) - CICS for Windows 430, 64 (N500) - CICS for Windows 500					
VALUE	BINARY	CPSM	4	AVG	Parameter value	12
WLMOWNER	CHAR	CPSM	1	DIFF	Workload owner parameter required	11
WLMOWNER Input/output valid values	N (NO) - Parameter is mandatory, Y (YES) - Parameter is optional					
WORKLOAD	CHAR	CPSM	1	DIFF	Workload parameter required	10
WORKLOAD Input/output valid values	N (NO) - Parameter is mandatory, Y (YES) - Parameter is optional					



## Chapter 298. MFEPICON Resource Table

A CICS Monitored resource that describes a subset of the FEPI connection attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is TARGETNAME.

The **Secondary** key field for this resource class is NODENAME.

While the MFEPICON resource class identifies multiple key attributes, only the TARGETNAME attribute can be specified in an EVALDEF INSTANCE attribute.

The following actions are supported:

### DISCARD

Remove the Monitored resource instance.

### RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

### External resource name

#### Length

104

#### Usage

API or WUI or EVALDEF

#### API view

Yes

#### CMAS context

No

#### SCOPE applies

Yes

#### Only query CMASs in workload

No

#### Object type

CICS Monitored

#### Copybook identifier

EYUt1401

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Value	Code	Description
9	MFEPICON_NO_MON_DATA	No data for monitored resource

Table 691. MFEPICON FEEDBACK error codes (continued)

Value	Code	Description
10	MFEPICON_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 692. MFEPICON resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ACQSTATUS	CV DAS	INQ	4	LIKE	Acquired status	14
ACQSTATUS Output valid values	ACQUIRED, ACQUIRING, RELEASED, RELEASING, INSTALLED, NOTINSTALLED					
ACQUIRES	BINARY	STAT	4	AVG	Number of acquires	5
CHARSRECD	CNUMERIC	STAT	4	AVG	Number of characters received	11
CHARSENT	CNUMERIC	STAT	4	AVG	Number of characters sent	10
CONVERSATNS	CNUMERIC	STAT	4	AVG	Number of conversations	8
CSACQRATE	RATE	CPSM	4	AVG	Acquire rate for current sample	6
ERRORS	CNUMERIC	STAT	4	AVG	Number of error conditions	13
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	1
MIACQRATE	RATE	CPSM	4	AVG	Acquire rate for monitor interval	7
<b>NODENAME-2</b>	CHAR	INQ	8	DIFF	Node name	3
POOLNAME	CHAR	STAT	8	DIFF	Pool name	4
RECVTIMEOUT	CNUMERIC	STAT	4	AVG	Number of receive timeouts	12
SERVSTATUS	CV DAS	INQ	4	LIKE	Connection service state	15
SERVSTATUS Output valid values	INSERVICE, OUTSERVICE, GOINGOUT					
STATE	CV DAS	INQ	4	LIKE	Conversation status	16
STATE Output valid values	NOCONV, PENDSTSN, STSN, PENDBEGIN, BEGINSSESSION, APPLICATION, PENDDATA, PENDSTART, PENDFREE, FREE, PENDRELEASE, RELEASE, PENDUNSOL, UNSOLDATA, PENDPASS					
<b>TARGETNAME-1</b>	CHAR	INQ	8	DIFF	Target name	2
UNSOLICINP	CNUMERIC	STAT	4	AVG	Number of unsolicited inputs	9
WAITCONVNUM	BINARY	INQ	4	AVG	Number of conversations waiting for connection	17

## Chapter 299. MGMPART Resource Table

A management part for an application or platform. The management part associates the application or platform with the CICS bundles that they are managing in the CICS regions.

The **Primary** key field for this resource class is ID.

The following actions are supported:

### GET

Retrieve information about a management part.

### External resource name

CICSManagementPart

### Length

360

### Usage

API or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt3528

<i>Table 693. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A

<i>Table 694. MGMPART FEEDBACK error codes</i>		
Value	Code	Description
1	MGMPART_REC_NOT_FOUND	Management part not found

<i>Table 695. MGMPART resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
APPLDEF	CHAR	CPSM	8	DIFF	Application definition	9
APPLICATION	CHAR	CPSM	64	DIFF	Application	8
APPLMAJORVER	BINARY	CPSM	4	MAX	Application major version number	10
APPLMICROVER	BINARY	CPSM	4	MAX	Application micro version number	12
APPLMINORVER	BINARY	CPSM	4	MAX	Application minor version number	11
AVAILSTATUS	EYUDA	CPSM	4	LIKE	Management part bundle availability status	22

Table 695. MGMTPART resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
AVAILSTATUS Output valid values	AVAILABLE, UNAVAILABLE, SOMEAVAIL, NONE					
BUNDLE	CHAR	CPSM	64	DIFF	Bundle ID	15
BUNDMAJORVER	BINARY	CPSM	4	MAX	Bundle major version number	16
BUNDMICROVER	BINARY	CPSM	4	MAX	Bundle micro version number	18
BUNDMINORVER	BINARY	CPSM	4	MAX	Bundle minor version number	17
CHANGEAGENT	CVDAS	CPSM	4	LIKE	Last modification agent	127
CHANGEAGENT Input/output valid values	DREPAPI					
CHANGEAGREL	CHAR	CPSM	4	DIFF	Last modification agent release	130
CHANGETIME	DATETIME	CPSM	8	MAX	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	DIFF	Last modification user ID	129
CREATETIME	DATETIME	CPSM	8	MAX	Time created	128
ENABLESTATUS	EYUDA	CPSM	4	LIKE	Management part bundle enable status	19
ENABLESTATUS Output valid values	ENABLED, DISABLED, ENABLING, DISABLING, EMPTY, INVALIDSCOPE, SOMEDISABLED, IMPORTONLY, INCOMPLETE, INSTALLING, DISCARDING					
<b>ID-1</b>	HEX	CPSM	8	MIN	ID	5
INSTALLSCOPE	CHAR	CPSM	8	DIFF	Bundle install request scope	14
PLATDEF	CHAR	CPSM	8	DIFF	Platform definition	7
PLATFORM	CHAR	CPSM	64	DIFF	Platform	6
REGIONTYPE	CHAR	CPSM	64	DIFF	Region type	13

## Chapter 300. MINDTDQ Resource Table

A CICS Monitored resource that describes a subset of the indirect transient data queue attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is TDQUEUE.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**External resource name**

**Length**

48

**Usage**

API or WUI or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1386

<i>Table 696. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

<i>Table 697. MINDTDQ FEEDBACK error codes</i>		
Value	Code	Description
9	MINDTDQ_NO_MON_DATA	No data for monitored resource
10	MINDTDQ_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 698. MINDTDQ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
CUROUTQRATE	RATE	CPSM	4	AVG	Output rate for current sample	6
INDIRECTNAME	CHAR	INQ	4	DIFF	Indirect queue name	3
INDIRECTTYPE	CVDAS	INQ	4	LIKE	Indirect queue type	4
INDIRECTTYPE Output valid values	INTRA, EXTRA, INDIRECT, REMOTE					
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval identifier	1
INTOUTQRATE	RATE	CPSM	4	AVG	Output rate for interval	7
OUTCNT	BINARY	STAT	4	SUM	Number of I/O requests	5
<b>TDQUEUE-1</b>	CHAR	INQ	4	DIFF	Queue identifier	2

## Chapter 301. MJOURNAL Resource Table

A CICS Monitored resource that describes a subset of the journal attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is JOURNALNUM.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**External resource name**

**Length**

88

**Usage**

API or WUI or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1375

<i>Table 699. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

<i>Table 700. MJOURNAL FEEDBACK error codes</i>		
Value	Code	Description
9	MJOURNAL_NO_MON_DATA	No data for monitored resource
10	MJOURNAL_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 701. MJOURNAL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ARCHSUBCNT	CNUMERIC	STAT	4	AVG	Number of archives submitted (DISK2 journal only)	10
ARCHWCNT	CNUMERIC	STAT	4	AVG	Number of archive waits (DISK2 journal only)	11
AVGSIZE	BINARY	STAT	2	AVG	Average block size	15
BLKWRCNT	DECIMAL	STAT	4	SUM	Number of blocks written	9
BUFULLCNT	DECIMAL	STAT	3	SUM	Number of times buffer full	18
CURFULLPER	PERCENT	CPSM	4	AVG	Percentage of time buffer full - current sample	13
CURVOLUME	CHAR	INQ	6	DIFF	Current volume (tape journal only)	5
DSOPENCNT	CNUMERIC	STAT	4	AVG	Number of data sets opened (DISK2 journal only)	12
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	1
INTFULLPER	PERCENT	CPSM	4	AVG	Percentage of time buffer full - monitor interval	14
<b>JOURNALNUM-1</b>	BINARY	INQ	2	AVG	Journal number	16
JTYPE	CVDAS	INQ	4	LIKE	Journal type	3
JTYPE Output valid values	TAPE1, TAPE2, DISK1, DISK2, DISK2PAUSE, SMF					
LASTVOL	CHAR	STAT	6	DIFF	Last volume written (tape journal only)	6
OLDPART	CNUMERIC	INQ	4	AVG	Oldest part (tape journal only)	4
OPENSTATUS	CVDAS	INQ	4	LIKE	Open status	2
OPENSTATUS Output valid values	OPENOUTPUT, CLOSED					
REWCNT	DECIMAL	STAT	5	SUM	Number of records written	17
TAPESLFT	CNUMERIC	STAT	2	AVG	Number of tapes left	8
TAPESOPEN	CNUMERIC	STAT	2	AVG	Number of tapes opened	7



## Chapter 302. MJRNLNAM Resource Table

A CICS Monitored resource that describes a subset of the journal name attributes sampled by the CICSplex SM MAS Monitor agents.

Instances of this resource are only presented when monitoring MJRNL class definitions are installed in systems running the CICS TS for z/OS.

The **Primary** key field for this resource class is JOURNALNAME.

The following actions are supported:

### DISCARD

Remove the Monitored resource instance.

### RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

### External resource name

#### Length

80

#### Usage

API or WUI or EVALDEF

#### API view

Yes

#### CMAS context

No

#### SCOPE applies

Yes

#### Only query CMASs in workload

No

#### Object type

CICS Monitored

#### Copybook identifier

EYUt1402

<i>Table 702. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

<i>Table 703. MJRNLNAM FEEDBACK error codes</i>		
Value	Code	Description
9	MJRNLNAM_NO_MON_DATA	No data for monitored resource
10	MJRNLNAM_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 704. MJRNLNAM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	1
JOURNALNAME-1	CHAR	INQ	8	DIFF	Journal name	2
NUMBUFLUSH	CNUMERIC	STAT	4	AVG	Number of buffer flush requests	6
NUMBYTES	BINARY	STAT	8	AVG	Total number of bytes written	5
NUMWRITES	CNUMERIC	STAT	4	AVG	Number of journal writes	4
STREAMNAME	CHAR	INQ	26	DIFF	MVS log stream	7
TYPE	CVDAS	INQ	4	LIKE	Log stream destination	3
TYPE Output valid values	MVS, SMF, DUMMY					

## Chapter 303. MLOCFILE Resource Table

A CICS Monitored resource that describes a subset of the local file attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is FILE.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**External resource name**

**Length**

208

**Usage**

API or WUI or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1372

<i>Table 705. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

<i>Table 706. MLOCFILE FEEDBACK error codes</i>		
Value	Code	Description
9	MLOCFILE_NO_MON_DATA	No data for monitored resource
10	MLOCFILE_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 707. MLOCFILE resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ACCESSMETHOD	CVDAS	INQ	4	LIKE	Access method	4
ACCESSMETHOD Output valid values	VSAM, BDAM					
ADDCNT	BINARY	STAT	4	AVG	Number of WRITE requests	17
BLOCKSIZE	CNUMERIC	INQ	4	AVG	Block size (BDAM only)	5
BROWSECNT	BINARY	STAT	4	AVG	The number of READNEXT and READPREV requests	16
BROWUPDCNT	CNUMERIC	STAT	4	AVG	Number of browse for update requests	38
CURDEXCPRATE	RATE	CPSM	4	AVG	Rate of data I/O operations for current sample	25
CURIEXCPRATE	RATE	CPSM	4	AVG	Rate of index I/O operations for current sample	27
CURREQRATE	RATE	CPSM	4	AVG	Request rate for current sample	21
DEXPCNT	BINARY	STAT	4	AVG	Number of I/O operations for data records	23
DSNAME	CHAR	INQ	44	DIFF	Data set name	6
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status	7
ENABLESTATUS Output valid values	ENABLED, DISABLED, UNENABLED, DISABLING					
<b>FILE-1</b>	CHAR	INQ	8	DIFF	File ID	2
GETCNT	BINARY	STAT	4	AVG	Number of READ requests	14
GETUPDCNT	BINARY	STAT	4	AVG	Number of READ UPDATE requests	15
IEXPCNT	BINARY	STAT	4	AVG	Number of I/O operations against index component	24
INTDEXCPRATE	RATE	CPSM	4	AVG	Rate of data I/O operations for monitor interval	26
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	1
INTIEXCPRATE	RATE	CPSM	4	AVG	Rate of index I/O operations for monitor interval	28
INTREQRATE	RATE	CPSM	4	AVG	Request rate for monitor interval	22
LOCDELNT	BINARY	STAT	4	AVG	Number of DELETE requests	19
LSRPOOLID	BINARY	INQ	2	MAX	LSR Pool number	31
NUMACTSTRING	CNUMERIC	STAT	2	AVG	Number of active strings	34
NUMDATBUFF	CNUMERIC	STAT	2	AVG	Number of data buffers	32
NUMINDEXBUFF	CNUMERIC	STAT	2	AVG	Number of index buffers	33
NUMSTRINGWT	CNUMERIC	STAT	2	AVG	Current number of string waits	35
OBJECT	CVDAS	INQ	4	LIKE	Data set type (base or path)	8
OBJECT Output valid values	BASE, PATH					
OPENSTATUS	CVDAS	INQ	4	LIKE	Open status	9
OPENSTATUS Output valid values	OPEN, CLOSED, OPENING, CLOSING, CLOSEREQUEST					
RECORDSIZE	BINARY	INQ	4	AVG	Record size	10
RLSREQWTO	CNUMERIC	STAT	4	AVG	Record level sharing (RLS) request wait timeouts	39
STRINGS	BINARY	INQ	4	AVG	Number of strings	11
TIMECLOSE	DECTSTP	STAT	4	MAX	Local time file was closed	12

Table 707. MLOCFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
TIMEOPEN	DECTSTP	STAT	4	MAX	Local time file was opened	13
TOTLREQCNT	BINARY	STAT	4	AVG	Total number of all requests	20
UPDATECNT	BINARY	STAT	4	AVG	Number of REWRITE requests	18
VSAMTYPE	CVDAS	INQ	4	LIKE	VSAM file type	3
VSAMTYPE Output valid values	ESDS, KSDS, RRDS					
WSTRCCURCNT	BINARY	STAT	4	AVG	Peak number of tasks waiting for a string	30
WSTRCNT	BINARY	STAT	4	AVG	Total requests queued because all strings in use	29



## Chapter 304. MLOCTRAN Resource Table

A CICS Monitored resource that describes a subset of the local transaction attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is TRANID.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**External resource name**

**Length**

1392

**Usage**

API or WUI or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1380

*Table 708. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

*Table 709. MLOCTRAN FEEDBACK error codes*

Value	Code	Description
9	MLOCTRAN_NO_MON_DATA	No data for monitored resource
10	MLOCTRAN_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 710. MLOCTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
ACTMISMATS	CNUMERIC	STAT	4	AVG	Number of action mismatches		146
ALLOCATES	BINARY	CMF	4	AVG	Number of TCTTE allocation requests		25
BAACDCCT	BINARY	CMF	4	AVG	BTS activity data container requests		193
BAACQPCT	BINARY	CMF	4	AVG	BTS acquire process requests		190
BADACTCT	BINARY	CMF	4	AVG	BTS define activity requests		185
BADCPACT	BINARY	CMF	4	AVG	BTS delete activity and cancel requests		189
BADFIECT	BINARY	CMF	4	AVG	BTS define input event requests		196
BADPROCT	BINARY	CMF	4	AVG	BTS define process requests		184
BALKPACT	BINARY	CMF	4	AVG	BTS link requests		183
BAPRDCCT	BINARY	CMF	4	AVG	BTS process data container requests		192
BARASYCT	BINARY	CMF	4	AVG	BTS run asynchronous requests		182
BARATECT	BINARY	CMF	4	AVG	BTS retrieve reattach event requests		195
BARMPACT	BINARY	CMF	4	AVG	BTS resume requests		188
BARSPACT	BINARY	CMF	4	AVG	BTS reset requests		186
BARSYNCT	BINARY	CMF	4	AVG	BTS run synchronous requests		181
BASUPACT	BINARY	CMF	4	AVG	BTS suspend requests		187
BATIAECT	BINARY	CMF	4	AVG	BTS timer associated event requests		197
BATOTCCT	BINARY	CMF	4	AVG	BTS total data container requests		194
BATOTECT	BINARY	CMF	4	AVG	BTS total event requests		198
BATOTPCT	BINARY	CMF	4	AVG	BTS total requests		191
BMSCOUNT	BINARY	CMF	4	AVG	Total BMS requests		64
BMSINCNT	BINARY	CMF	4	AVG	Number of BMS in requests		62
BMSMAPCNT	BINARY	CMF	4	AVG	Number of BMS map requests		61
BMSOUTCNT	BINARY	CMF	4	AVG	Number of BMS out requests		63
CDSAGETM	BINARY	CMF	4	AVG	CDSA getmains		29
CDSAPSHWM	BINARY	CMF	4	AVG	CDSA program storage HWM		45
CDSASHWM	BINARY	CMF	4	AVG	CDSA storage HWM		33
CDSASOCC	BINARY	CMF	8	AVG	CDSA occupancy		37
CFDTWC	CNUMERIC	CMF	4	AVG	CF data table wait count		178
CFDTWT	INT16US	CMF	8	AVG	CF data table wait time		177
CHARIN	BINARY	CMF	4	AVG	Primary terminal control characters in		18
CHARINSEC	BINARY	CMF	4	AVG	Secondary terminal control characters in		22
CHAROUT	BINARY	CMF	4	AVG	Primary terminal control characters out		20
CHAROUTSEC	BINARY	CMF	4	AVG	Secondary terminal control characters out		24
CHMODECT	BINARY	CMF	4	AVG	Dispatcher change modes	E640+	243
CICSWC	CNUMERIC	CMF	4	AVG	Wait-CICS count		167



Table 710. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
CICSWT	INT16US	CMF	8	AVG	Wait-CICS time		166
CPUCNT	BINARY	CMF	4	AVG	User task CPU count		88
CPUTIME	INT16US	CMF	8	AVG	User task CPU time		73
CTLWC	CNUMERIC	CMF	4	AVG	Give up control wait count		171
CTLWT	INT16US	CMF	8	AVG	Give up control wait time		170
CURAVGCPUT	INT16US	CPSM	4	MAX	Average CPU time for current sample		71
CURAVGRES	INTMSEC	CPSM	4	MAX	Average response time for current sample		13
CURTRANRATE	RATE	CPSM	4	SUM	Transaction rate for current sample		8
DB2CONWC	BINARY	CMF	4	AVG	DB2 connection (TCB) count		220
DB2CONWT	INT16US	CMF	8	AVG	DB2 Connection wait time		219
DB2RDYQC	BINARY	CMF	4	AVG	DB2 ReadyQ wait count		218
DB2RDYQW	INT16US	CMF	8	AVG	DB2 ReadyQ wait time		217
DB2REQCT	BINARY	CMF	4	AVG	DB2 total number of requests		242
DB2WAIT	INT16US	CMF	8	AVG	DB2 request wait time	E680+	221
DB2WAITC	BINARY	CMF	4	AVG	DB2 request wait count	E680+	222
DHCRECT	BINARY	CMF	4	AVG	Document create requests		209
DHINSCT	BINARY	CMF	4	AVG	Document insert requests		210
DHRETCT	BINARY	CMF	4	AVG	Document retrieve requests		212
DHSETCT	BINARY	CMF	4	AVG	Document set requests		211
DHTOTCT	BINARY	CMF	4	AVG	Document total requests		213
DHTODCL	BINARY	CMF	4	AVG	Document total length created		214
DISPCNT	BINARY	CMF	4	AVG	Task dispatch count		87
DISPTIME	INT16US	CMF	8	AVG	Task dispatch time		72
DSPDELAY	INT16US	CMF	8	AVG	First dispatch delay		119
DSPDELAYCT	CNUMERIC	CMF	4	AVG	First dispatch delay count		128
ECDSAGETM	BINARY	CMF	4	AVG	ECDSA getmains		30
ECDSAPSHWM	BINARY	CMF	4	AVG	ECDSA program storage HWM		44
ECDSASHWM	BINARY	CMF	4	AVG	ECDSA storage HWM		34
ECDSASOCC	BINARY	CMF	8	AVG	ECDSA occupancy		38
ENQDELAY	INT16US	CMF	8	AVG	Task control enqueue delay time		122
ENQDELAYCT	CNUMERIC	CMF	4	AVG	KC enqueue delay count		131
EXTERNWC	CNUMERIC	CMF	4	AVG	External wait count		165
EXTERNWT	INT16US	CMF	8	AVG	External wait time		164
EXWAIT	INT16US	CMF	8	AVG	Exception wait time		76
EXWAITCNT	CNUMERIC	CMF	4	AVG	Exception wait count		91
FCADDCNT	BINARY	CMF	4	AVG	Number of file adds		49
FCAMCNT	BINARY	CMF	4	AVG	Number of access method requests		52
FCBRWCNT	BINARY	CMF	4	AVG	Number of file browses		48
FCCOUNT	BINARY	CMF	4	AVG	Total file control requests		51
FCDELCNT	BINARY	CMF	4	AVG	Number of file deletes		50
FCGETCNT	BINARY	CMF	4	AVG	Number of file gets		46
FCIOCNT	BINARY	CMF	4	AVG	File control I/O wait count		93

Table 710. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
FCIOTIME	INT16US	CMF	8	AVG	File control I/O wait time		78
FCPUTCNT	BINARY	CMF	4	AVG	Number of file puts		47
FORACTINDTO	CNUMERIC	STAT	4	AVG	Force actions due to indoubt		142
FORACTNOWT	CNUMERIC	STAT	4	AVG	Force actions due to no wait		143
FORACTOPER	CNUMERIC	STAT	4	AVG	Force actions due to operator		144
FORACTOTHER	CNUMERIC	STAT	4	AVG	Force actions due to other		145
FORACTTRNDF	CNUMERIC	STAT	4	AVG	Force actions due to transaction definition		141
GNQDELAC	BINARY	CMF	4	AVG	Sysplex-wide enqueue delay count		249
GNQDELAY	INT16US	CMF	8	AVG	Sysplex-wide enqueue delay time		248
ICCOUNT	BINARY	CMF	4	AVG	Interval control requests		69
ICTOTCNT	BINARY	CMF	4	AVG	Total interval control requests		174
IMSREQCT	BINARY	CMF	4	AVG	IMS total number of requests		241
IMSWAIT	INT16US	CMF	8	AVG	IMS request wait time		215
IMSWAITC	BINARY	CMF	4	AVG	IMS request wait count		216
INTAVGCPUT	INT16US	CPSM	4	MAX	Average CPU time for interval		84
INTAVGRES	INTMSEC	CPSM	4	MAX	Average response time for interval		16
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval identifier		1
INTTRANRATE	RATE	CPSM	4	SUM	Transaction rate for interval		9
INTVLWC	CNUMERIC	CMF	4	AVG	Interval control wait count		169
INTVLWT	INT16US	CMF	8	AVG	Interval control wait time		168
IRIOCNT	BINARY	CMF	4	AVG	Interregion I/O count		96
IRIOTIME	INT16US	CMF	8	AVG	Interregion I/O wait		81
ISOLATEST	CVDAS	INQ	4	LIKE	Isolation status		98
ISOLATEST Output valid values	ISOLATE, NOISOLATE						
J8CPUC	BINARY	CMF	4	AVG	J8 TCB mode CPU count	E680+	238
J8CPUT	INT16US	CMF	8	AVG	J8 TCB mode CPU time	E680+	237
JCIOCNT	BINARY	CMF	4	AVG	Journal control I/O wait count		94
JCIOTIME	INT16US	CMF	8	AVG	Journal control I/O wait time		79
JCURWCNT	BINARY	CMF	4	AVG	Journal output requests		68
JNLWRTCT	CNUMERIC	CMF	4	AVG	Journal write requests		154
JVMSUSP	INT16US	CMF	8	AVG	Total JVM suspend time		256
JVMSUSPC	BINARY	CMF	4	AVG	Total JVM suspend time count		257
JVMTIME	INT16US	CMF	8	AVG	Total JVM elapsed time		254
JVMTIMEC	BINARY	CMF	4	AVG	Total JVM elapsed time count		255
L8CPUC	BINARY	CMF	4	AVG	L8 TCB mode CPU count		236
L8CPUT	INT16US	CMF	8	AVG	L8 TCB mode CPU time		235
LOCALCNT	CNUMERIC	STAT	4	AVG	Times local dynamic routing exit ran transaction		12
LOCKMWC	CNUMERIC	CMF	4	AVG	Lock manager wait count		161
LOCKMWT	INT16US	CMF	8	AVG	Lock manager wait time		160
LOGWRTCT	CNUMERIC	CMF	4	AVG	CICS logger write requests		155
LU61WTT	INT16US	CMF	8	AVG	LU6.1 I/O wait time		123

Table 710. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
LU61WTTCT	CNUMERIC	CMF	4	AVG	LU6.1 I/O wait count		132
LU62WTT	INT16US	CMF	8	AVG	LU6.2 I/O wait time		124
LU62WTTCT	CNUMERIC	CMF	4	AVG	LU6.2 I/O wait count		133
MSCPUC	BINARY	CMF	4	AVG	Other TCB mode CPU count		234
MSCPOT	INT16US	CMF	8	AVG	Other TCB mode CPU time		233
MSDISPC	BINARY	CMF	4	AVG	Other TCB mode dispatch count		232
MSDISPT	INT16US	CMF	8	AVG	Other TCB mode dispatch time		231
MSGIN	BINARY	CMF	4	AVG	Primary terminal control messages in		17
MSGINSEC	BINARY	CMF	4	AVG	Secondary terminal control messages in		21
MSGOUT	BINARY	CMF	4	AVG	Primary terminal control messages out		19
MSGOUTSEC	BINARY	CMF	4	AVG	Secondary terminal control messages out		23
MXTDELAY	INT16US	CMF	8	AVG	First dispatch delay		121
MXTDELAYCT	CNUMERIC	CMF	4	AVG	First dispatch delay MXT count		130
MXTOTDLC	BINARY	CMF	4	AVG	Maximum open TCB delay count		224
MXTOTDLY	INT16US	CMF	8	AVG	Maximum open TCB delay time		223
NUMINDOUBWT	CNUMERIC	STAT	4	AVG	Number of indoubt waits		140
PC24RHWM	CNUMERIC	CMF	4	AVG	R/O program storage HWM below 16M		106
PC24SHWM	CNUMERIC	CMF	4	AVG	Shared program storage HWM below 16M		108
PC31SHWM	CNUMERIC	CMF	4	AVG	Shared program storage HWM above 16M		107
PCDPLCT	BINARY	CMF	4	AVG	Distributed program links		245
PCLINKCNT	BINARY	CMF	4	AVG	Number of program links		65
PCLOADCNT	BINARY	CMF	4	AVG	Number of program loads		67
PCLOADTM	INT16US	CMF	8	AVG	Program fetch wait time		83
PCLOADWCNT	CNUMERIC	CMF	4	AVG	Program fetch wait count		175
PCLURMCT	BINARY	CMF	4	AVG	Link URM count		176
PCXCTLCNT	BINARY	CMF	4	AVG	Number of program XCTLs		66
PERRECNT	CNUMERIC	CMF	4	AVG	Performance record count		147
PRIORITY	BINARY	CMF	4	AVG	Transaction priority		85
PROGRAM	CHAR	CMF	8	DIFF	First program		86
PSTG24HWM	BINARY	CMF	4	AVG	Program storage HWM below 16M		40
PSTG31HWM	BINARY	CMF	4	AVG	Program storage HWM above 16M		41
PSTGHWM	BINARY	CMF	4	AVG	Program storage HWM		39
QRCPUC	BINARY	CMF	4	AVG	QR TCB mode CPU count		230
QRCPOT	INT16US	CMF	8	AVG	QR TCB mode CPU time		229
QRDISPC	BINARY	CMF	4	AVG	QR TCB mode dispatch count		228
QRDISPT	INT16US	CMF	8	AVG	QR TCB mode dispatch time		227
QRMODDLC	BINARY	CMF	4	AVG	QR TCB mode delay count		226
QRMODDLY	INT16US	CMF	8	AVG	QR TCB mode delay time		225

Table 710. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
REMOTECNT	CNUMERIC	STAT	4	AVG	Number of times run remotely by routing exit		99
REMSTARTCNT	CNUMERIC	STAT	4	AVG	Remote start count		100
RESPONSE	INTMSEC	CMF	8	AVG	Cumulative response time		15
RESTARTCNT	BINARY	STAT	4	AVG	Times restarted		6
RLSPUCNT	CNUMERIC	CMF	4	AVG	RLS CPU time monitor count		163
RLSCPUT	INT16US	CMF	8	AVG	RLS SRB CPU time		162
RLSWAIT	INT16US	CMF	8	AVG	Total times waited for RLS I/O		158
RLSWAITCNT	CNUMERIC	CMF	4	AVG	Task suspend count		159
RMISUSP	INT16US	CMF	8	AVG	Total RMI suspend time		126
RMISUSPCT	CNUMERIC	CMF	4	AVG	Total RMI suspend count		135
RMITIME	INT16US	CMF	8	AVG	Total RMI elapsed time		125
RMITIMECT	CNUMERIC	CMF	4	AVG	Total RMI elapsed count		134
RRMSWAIC	BINARY	CMF	4	AVG	RRMS/MVS syncpoint delay count		253
RRMSWAIT	INT16US	CMF	8	AVG	RRMS/MVS syncpoint delay time		252
RSYSID	CHAR	CMF	4	DIFF	Remote system identifier		101
RUNTRWTC	BINARY	CMF	4	AVG	Run synchronous transaction wait count		200
RUNTRWTT	INT16US	CMF	8	AVG	Run synchronous transaction wait time		199
S8CPUC	BINARY	CMF	4	AVG	S8 TCB mode CPU count		240
S8CPUT	INT16US	CMF	8	AVG	S8 TCB mode CPU time		239
SC24FSHR	CNUMERIC	CMF	4	AVG	Shared storage bytes freed below 16M		150
SC24GSHR	CNUMERIC	CMF	4	AVG	Shared storage bytes get below 16M		149
SC24SGCT	CNUMERIC	CMF	4	AVG	Shared storage requests below 16M		148
SC31FSHR	CNUMERIC	CMF	4	AVG	Shared storage bytes freed above 16M		153
SC31GSHR	CNUMERIC	CMF	4	AVG	Shared storage bytes get above 16M		152
SC31SGCT	CNUMERIC	CMF	4	AVG	Shared storage getmain above 16M		151
SHDTSWC	CNUMERIC	CMF	4	AVG	Shared temporary storage wait count		173
SHDTSWT	INT16US	CMF	8	AVG	Shared temporary storage wait time		172
SOBYDECT	BINARY	CMF	4	AVG	Socket bytes decrypted		247
SOBYENCT	BINARY	CMF	4	AVG	Socket bytes encrypted		246
SOIOWTC	BINARY	CMF	4	AVG	Sockets I/O wait count		251
SOIOWTT	INT16US	CMF	8	AVG	Sockets I/O wait time		250
SRVSPWC	CNUMERIC	CMF	4	AVG	CF data-table-server syncpoint wait count		180
SRVSPWT	INT16US	CMF	8	AVG	CF server syncpoint wait time		179
STATUS	CVDAS	INQ	4	LIKE	Enabled status		4
STATUS Output valid values	ENABLED, DISABLED						
STGVCNT	BINARY	STAT	4	AVG	Number of storage violations		10
SUSPCNT	BINARY	CMF	4	AVG	Task suspend count		89
SUSPTIME	INT16US	CMF	8	AVG	Task suspend time		74

Table 710. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
SYNCCOUNT	BINARY	CMF	4	AVG	Syncpoint requests		70
SYNCDLY	INT16US	CMF	8	AVG	Waiting for parent syncpoint delay time		201
SYNCDLYC	BINARY	CMF	4	AVG	Waiting for parent syncpoint delay count		202
SYNCTIMCNT	CNUMERIC	CMF	4	AVG	Total times processed syncpoint request		157
SYNCTIME	INT16US	CMF	8	AVG	Syncpoint wait time		156
SZALLCTO	CNUMERIC	CMF	4	AVG	FEPI allocate timeouts		115
SZALLOCT	CNUMERIC	CMF	4	AVG	FEPI allocates		109
SZCHRIN	CNUMERIC	CMF	4	AVG	FEPI characters received		114
SZCHROUT	CNUMERIC	CMF	4	AVG	FEPI characters sent		113
SZRVCCT	CNUMERIC	CMF	4	AVG	FEPI receives		110
SZRCVTO	CNUMERIC	CMF	4	AVG	FEPI receive timeouts		116
SZSENDCT	CNUMERIC	CMF	4	AVG	FEPI sends		111
SZSTRCT	CNUMERIC	CMF	4	AVG	FEPI starts		112
SZTOTCT	CNUMERIC	CMF	4	AVG	Total FEPI requests		117
SZWAIT	INT16US	CMF	8	AVG	FEPI suspend time		118
SZWAITCT	CNUMERIC	CMF	4	AVG	FEPI suspend time count		127
TCBATTCT	BINARY	CMF	4	AVG	Dispatcher TCB attaches		244
TCC62IN2	CNUMERIC	CMF	4	AVG	LU6.2 Secondary terminal control chars in		103
TCC62OU2	CNUMERIC	CMF	4	AVG	LU6.2 secondary terminal control chars out		105
TCIOCNT	BINARY	CMF	4	AVG	Terminal control I/O wait count		92
TCIOTIME	INT16US	CMF	8	AVG	Terminal control I/O wait time		77
TCLDELAY	INT16US	CMF	8	AVG	First dispatch delay - transaction class		120
TCLDELAYCT	CNUMERIC	CMF	4	AVG	First dispatch delay count		129
TCM62IN2	CNUMERIC	CMF	4	AVG	LU6.2 secondary terminal control messages in		102
TCM62OU2	CNUMERIC	CMF	4	AVG	LU6.2 secondary terminal control messages out		104
TDCOUNT	BINARY	CMF	4	AVG	Total transient data requests		56
TDGETCNT	BINARY	CMF	4	AVG	Number of transient data gets		53
TDIOCNT	BINARY	CMF	4	AVG	Transient data I/O count		97
TDIOTIME	INT16US	CMF	8	AVG	Transient data I/O wait time		82
TDPURCNT	BINARY	CMF	4	AVG	Number of transient data purges		55
TDPUTCNT	BINARY	CMF	4	AVG	Number of transient data puts		54
TERMID	CHAR	INQ	4	DIFF	Terminal identifier		3
TERMSTG	CNUMERIC	CMF	4	AVG	Terminal storage	E410+	26
TMRDSCWT	INT16US	CMF	8	AVG	MVS DS storage constraint wait time		258
TRANCLASS	CHAR	INQ	8	DIFF	Transaction class name		5
TRANID-1	CHAR	INQ	4	DIFF	Transaction		2
TSCOUNT	BINARY	CMF	4	AVG	Total temporary storage requests		60
TSGETCNT	BINARY	CMF	4	AVG	Number of temporary storage gets		57

Table 710. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
TSIOCNT	BINARY	CMF	4	AVG	Temporary storage I/O wait count		95
TSIOTIME	INT16US	CMF	8	AVG	Temporary storage I/O wait time		80
TSPUTACNT	BINARY	CMF	4	AVG	Number of TS puts to auxiliary storage		58
TSPUTMCNT	BINARY	CMF	4	AVG	Number of TS puts to main storage		59
USECOUNT	BINARY	STAT	4	SUM	Times used		7
USRP24HWM	BINARY	CMF	4	AVG	Program storage HWM below 16M		43
USRP31HWM	BINARY	CMF	4	AVG	Program storage HWM above 16M		42
USTG24CNT	BINARY	CMF	4	AVG	Number of user getmains below 16M		27
USTG24HWM	BINARY	CMF	4	AVG	User task storage HWM below 16M		31
USTG24OCC	BINARY	CMF	8	AVG	User task storage occupancy below 16M		35
USTG31CNT	BINARY	CMF	4	AVG	Number of user getmains above 16M		28
USTG31HWM	BINARY	CMF	4	AVG	User task storage HWM above 16M		32
USTG31OCC	BINARY	CMF	8	AVG	User task storage occupancy above 16M		36
WAITCNT	CNUMERIC	CMF	4	AVG	Dispatch wait count		90
WAITTIME	INT16US	CMF	8	AVG	Dispatch wait time		75
WBCHRIN	BINARY	CMF	4	AVG	WEB characters received		204
WBCHROUT	BINARY	CMF	4	AVG	WEB characters sent		206
WBRCVCT	BINARY	CMF	4	AVG	WEB receive requests		203
WBREPWCT	BINARY	CMF	4	AVG	WEB repository writes		208
WBSENDCT	BINARY	CMF	4	AVG	WEB send requests		205
WBTOTCT	BINARY	CMF	4	AVG	WEB total requests		207

## Chapter 305. MLSRPBUF Resource Table

A CICS Monitored resource that describes a subset of the LSR pool buffer attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is POOLSIZEYPE. While the MLSRPBUF resource class identifies multiple key attributes, only the POOLSIZEYPE attribute can be specified in an EVALDEF INSTANCE attribute.

The following actions are supported:

### DISCARD

Remove the Monitored resource instance.

### RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

### External resource name

#### Length

112

#### Usage

API or WUI or EVALDEF

#### API view

Yes

#### CMAS context

No

#### SCOPE applies

Yes

#### Only query CMASs in workload

No

#### Object type

CICS Monitored

#### Copybook identifier

EYUt1396

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Value	Code	Description
9	MLSRPBUF_NO_MON_DATA	No data for monitored resource
10	MLSRPBUF_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 713. MLSRPBUF resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
COUNT	BINARY	STAT	2	AVG	Number of buffers	20
CREADS	BINARY	STAT	4	AVG	Number of successful hiperspace CREADS	8
CURHREADRATE	RATE	CPSM	4	AVG	Hiperspace read rate for current sample	18
CURHWITRATE	RATE	CPSM	4	AVG	Hiperspace write rate for current sample	16
CURREADRATE	RATE	CPSM	4	AVG	Read rate for current sample	14
CURWITRATE	RATE	CPSM	4	AVG	Write rate for current sample	12
CWRITES	BINARY	STAT	4	AVG	Number of successful hiperspace CWRITES	9
FAILCREADS	BINARY	STAT	4	AVG	Number of failed hiperspace CREADS	10
FAILCWRITES	BINARY	STAT	4	AVG	Number of failed hiperspace CWRITES	11
HIPERBUFF	BINARY	STAT	4	AVG	Number of hiperspace buffers	3
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval identifier	1
INTHREADRATE	RATE	CPSM	4	AVG	Hiperspace read rate for interval	19
INTHWITRATE	RATE	CPSM	4	AVG	Hiperspace write rate for interval	17
INTREADRATE	RATE	CPSM	4	AVG	Read rate for interval	15
INTWITRATE	RATE	CPSM	4	AVG	Write rate for interval	13
LOOKASIDES	BINARY	STAT	4	AVG	Number of successful lookasides	4
NONUWRITE	BINARY	STAT	4	AVG	Number of non-user initiated writes	7
<b>POOLSIZETYPE-1</b>	CHAR	STAT	9	DIFF	Pool identifier/buffer size/buffer type	2
READS	BINARY	STAT	4	AVG	Number of buffer reads	5
USERIWRITE	BINARY	STAT	4	AVG	Number of user initiated writes	6



## Chapter 306. MLSRPOOL Resource Table

A CICS Monitored resource that describes a subset of the LSR pool attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is LSRPOOLID.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**External resource name**

**Length**

208

**Usage**

API or WUI or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1374

*Table 714. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

*Table 715. MLSRPOOL FEEDBACK error codes*

Value	Code	Description
9	MLSRPOOL_NO_MON_DATA	No data for monitored resource
10	MLSRPOOL_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 716. MLSPPOOL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Value Range	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
CREATETIME	DECTSTP	STAT	4	MAX	Local create time		2
CURDBHITRATE	RATE	CPSM	4	AVG	Data buffer lookaside rate for current sample		19
CURDHREARATE	RATE	CPSM	4	AVG	Data buffer CREAD rate for current sample		27
CURDHWIRATE	RATE	CPSM	4	AVG	Data buffer CWRITE rate for current sample		25
CURDREADRATE	RATE	CPSM	4	AVG	Data buffer read rate for current sample		23
CURDWIRATE	RATE	CPSM	4	AVG	Data buffer write rate for current sample		21
CURIBHITRATE	RATE	CPSM	4	AVG	Index buffer lookaside rate for current sample		39
CURIHREARATE	RATE	CPSM	4	AVG	Index buffer CREAD rate for current sample		47
CURIHWRIRATE	RATE	CPSM	4	AVG	Index buffer CWRITE rate for current sample		45
CURIREADRATE	RATE	CPSM	4	AVG	Index buffer read rate for current sample		43
CURIWIRATE	RATE	CPSM	4	AVG	Index buffer write rate for current sample		41
DBLOOKASIDE	BINARY	STAT	4	AVG	Number of successful lookasides to data buffers		11
DBNUWRITE	BINARY	STAT	4	AVG	Number of non user-initiated data buffer writes		14
DBREAD	BINARY	STAT	4	AVG	Number of read I/Os to data buffers		12
DBUFFCNT	BINARY	STAT	4	AVG	Number of data buffers		9
DBUIWRITE	BINARY	STAT	4	AVG	Number of user-initiated data buffer writes		13
DCREAD	BINARY	STAT	4	AVG	Number of successful data buffer CREAD requests		15
DCWRITE	BINARY	STAT	4	AVG	Number of successful data buffer CWRITE requests		16
DELETETIME	DECTSTP	STAT	4	MAX	Local delete time		3
DFAILCREAD	BINARY	STAT	4	AVG	Number of failed data buffer CREAD requests		17
DFAILCWRITE	BINARY	STAT	4	AVG	Number of failed data buffer CWRITE requests		18
DHIPERBUF	BINARY	STAT	4	AVG	Number of Hiperspace data buffers		10
IBLOOKASIDE	BINARY	STAT	4	AVG	Number of lookaside index buffer reads		31
IBNUWRITE	BINARY	STAT	4	AVG	Number of non user-initiated index buffer writes		34
IBREADS	BINARY	STAT	4	AVG	Total number of index buffer reads		32
IBUFFCNT	BINARY	STAT	4	AVG	Number of index buffers		29
IBUIWRITE	BINARY	STAT	4	AVG	Number of user-initiated index buffer writes		33

Table 716. MLSRPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Value Range	Attr ID
ICREAD	BINARY	STAT	4	AVG	Number of successful index buffer CREAD requests		35
ICWRITE	BINARY	STAT	4	AVG	Number of successful index buffer CWRITE requests		36
IDHIPERBUF	BINARY	STAT	4	AVG	Number of Hiperspace index buffers		30
IDXDATFLG	BIT	STAT	1	LIKE	Separate data and index flag		50
IFAILCREAD	BINARY	STAT	4	AVG	Number of failed index buffer CREAD requests		37
IFAILCWRITE	BINARY	STAT	4	AVG	Number of failed index buffer CWRITE requests		38
INTDBHITRATE	RATE	CPSM	4	AVG	Data buffer lookaside rate for monitor interval		20
INTDHREARATE	RATE	CPSM	4	AVG	Data buffer CREAD rate for monitor interval		28
INTDHWIRATE	RATE	CPSM	4	AVG	Data buffer CWRITE rate for monitor interval		26
INTDREADRATE	RATE	CPSM	4	AVG	Data buffer read rate for monitor interval		24
INTDWIRATE	RATE	CPSM	4	AVG	Data buffer write rate for monitor interval		22
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID		1
INTIBHITRATE	RATE	CPSM	4	AVG	Index buffer lookaside rate for monitor interval		40
INTIHREARATE	RATE	CPSM	4	AVG	Index buffer CREAD rate for monitor interval		48
INTIHWIRATE	RATE	CPSM	4	AVG	Index buffer CWRITE rate for monitor interval		46
INTIREADRATE	RATE	CPSM	4	AVG	Index buffer read rate for monitor interval		44
INTIWIRATE	RATE	CPSM	4	AVG	Index buffer write rate for monitor interval		42
<b>LSRPOOLID-1</b>	BINARY	STAT	2	AVG	LSR pool number	1-255	7
MAXCCURSTR	BINARY	STAT	2	AVG	Peak number of concurrent active strings		49
MAXKEYLEN	BINARY	STAT	2	AVG	Maximum key length		4
PEAKWAITREQ	BINARY	STAT	2	AVG	Peak number of requests waiting		6
TOTSTRINGS	BINARY	STAT	2	AVG	Total number of strings		5
TOTWAITREQ	BINARY	STAT	4	AVG	Total number of string waits		8



## Chapter 307. MMODNAME Resource Table

A CICS Monitored resource that describes a subset of the modename attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is CONNECTION.

The **Secondary** key field for this resource class is NAME.

While the MMODNAME resource class identifies multiple key attributes, only the CONNECTION attribute can be specified in an EVALDEF INSTANCE attribute.

The following actions are supported:

### DISCARD

Remove the Monitored resource instance.

### RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

### External resource name

#### Length

48

#### Usage

API or WUI or EVALDEF

#### API view

Yes

#### CMAS context

No

#### SCOPE applies

Yes

#### Only query CMASs in workload

No

#### Object type

CICS Monitored

#### Copybook identifier

EYUt1376

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Value	Code	Description
9	MMODNAME_NO_MON_DATA	No data for monitored resource

Table 718. MMODNAME FEEDBACK error codes (continued)

Value	Code	Description
10	MMODNAME_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 719. MMODNAME resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
<b>CONNECTION-1</b>	CHAR	INQ	4	DIFF	Connection name	3
CONNSTATUS	CVDAS	INQ	4	LIKE	Connection status	4
CONNSTATUS Output valid values	RELEASED, OBTAINING, ACQUIRED, FREEING, AVAILABLE					
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	1
<b>NAME-2</b>	CHAR	INQ	8	DIFF	Mode name	2
SESSACTV	BINARY	INQ	2	SUM	Number of active sessions	5
SESSAVAIL	BINARY	INQ	2	SUM	Number of sessions available	6
SESSMAX	BINARY	INQ	2	MAX	Maximum number of sessions	7
SESSMAXWIN	CNUMERIC	INQ	2	MAX	Maximum number of contention winner sessions	8

## Chapter 308. MNTRATDQ Resource Table

A CICS Monitored resource that describes a subset of the intrapartition transient data queue attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is TDQUEUE.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**External resource name**

**Length**

72

**Usage**

API or WUI or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1385

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Value	Code	Description
9	MNTRATDQ_NO_MON_DATA	No data for monitored resource
10	MNTRATDQ_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 722. MNTRATDQ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ATIFACILITY	CVDAS	INQ	4	LIKE	ATI facility	3
ATIFACILITY Output valid values	TERMINAL, NOTERMINAL					
ATITERMID	CHAR	INQ	4	DIFF	ATI terminal identifier	4
ATITRANID	CHAR	INQ	4	DIFF	ATI transaction identifier	5
ATIUSERID	CHAR	INQ	8	DIFF	ATI user identifier	12
CUROUTQRATE	RATE	CPSM	4	AVG	Output rate for current sample	10
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval identifier	1
INTOUTQRATE	RATE	CPSM	4	AVG	Output rate for interval	11
NUMITEMS	BINARY	INQ	4	SUM	Number of items	7
OUTCNT	BINARY	STAT	4	SUM	Number of I/O requests	9
STATUS	CVDAS	INQ	4	LIKE	Enable status	6
STATUS Output valid values	ENABLED, DISABLED					
<b>TDQUEUE-1</b>	CHAR	INQ	4	DIFF	Queue identifier	2
TRIGGERLEVEL	BINARY	INQ	4	MAX	Trigger level	8



## Chapter 309. MODENAME Resource Table

A CICS Resource that describes an LU6.2 modename in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is CONNECTION.

The **Secondary** key field for this resource class is NAME.

While the MODENAME resource class identifies multiple key attributes, only the CONNECTION attribute can be specified in an EVALDEF INSTANCE attribute.

The following actions are supported:

**ACQUIRE**

Acquire a modename.

**CLOSE**

Close a modename.

These actions require no unique parameter data.

**External resource name**

CICSLU62ModeName

**Length**

48

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0007

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ACQUIRE	None	N/A
	CLOSE	None	N/A

Table 724. MODENAME resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	
AUTOCONN	CVDAS	INQ	MODENAME	AUTOCONNECT	4	LIKE	No	Autoconnect status	3
AUTOCONN Output valid values	ALLCONN, AUTOCONN, NONAUTOCONN								
<b>CONNECTION-1</b>	CHAR	INQ	MODENAME	CONNECTION	4	DIFF	No	Connection name	2
CONNSTATUS	CVDAS	INQ	CONNECTION	CONNSTATUS	4	LIKE	Yes	Connection status	4
CONNSTATUS Input/output valid values	ACQUIRED								
CONNSTATUS Input valid values	CLOSED								
CONNSTATUS Output valid values	RELEASED, OBTAINING, FREEING, AVAILABLE								
<b>NAME-2</b>	CHAR	INQ	MODENAME	MODENAME	8	DIFF	No	Mode name	1
SESSACTV	BINARY	INQ	MODENAME	ACTIVE	2	AVG	No	Number of active sessions	5
SESSAVAIL	BINARY	INQ	MODENAME	AVAILABLE	2	AVG	Yes	Number of sessions available	6
SESSMAX	BINARY	INQ	MODENAME	MAXIMUM	2	AVG	No	Maximum number of sessions	7
SESSMAXWIN	BINARY	INQ	MODENAME	MAXWINNERS	2	AVG	No	Maximum number of contention winner sessions	8

## Chapter 310. MONDEF Resource Table

A CPSM Monitor Definition that describes the monitoring requirements for a class of CICS resources. Monitoring requirements include both CICSplex SM resource and resource status facility status monitoring. The resource class and name selection criteria are identified by the attribute values.

The **Primary** key field for this resource class is NAME.

The following action is supported:

### INSTALL

Install the definition into each active CICS system that has monitoring active within the specified scope. If provided the PERIODEF is used to determine the valid operational time of the MONDEF.

The parameter data for the INSTALL action is:

```

    PARM(' [PERIOD(period)]. ')
    where:
    period = The name of a PERIODEF definition.
  
```

The MONDEF is installed in each active CICS system in the current scope that has Monitoring active. If provided, the PERIODEF definition is used to determine the valid operational time of the MONDEF.

### External resource name

CICSMonitorDefinition

### Length

128

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Definition

### Copybook identifier

EYUt3510

<i>Table 725. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

Table 725. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
PERFORM SET	INSTALL	PERIOD(value)	No
		SCOPE(value)	No
	ADDTGRP	ACTIVETIME(value)	No
		RESGROUP(value)	Yes

Table 726. MONDEF FEEDBACK error codes

Value	Code	Description
1	MONDEF_INV_DATA	Attribute data invalid
2	MONDEF_REC_NOT_FOUND	Requested resource not found
3	MONDEF_INV_REFERENCE	Name not found
4	MONDEF_REC_EXISTS	Resource already exists
5	MONDEF_REC_CHANGED	Resource definition already changed
21	MONDEF_PARTIAL_INSTALL	Partial install
22	MONDEF_MON_OFF	Monitoring off
23	MONDEF_NOT_INSTALLED	Not installed
24	MONDEF_INV_PERIOD	Period invalid

Table 727. MONDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			17
CHANGEAGENT Input/output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			19
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			18
DESC	CHAR	CPSM	58	No	DIFF	Description			9
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	16
INCLUDE	EYUDA	CPSM	4	Yes	LIKE	Inclusion in CPSM monitoring option	YES		8
INCLUDE Input/output valid values	YES, NO								
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name			5
RESCLASS	EYUDA	CPSM	4	Yes	LIKE	Monitoring resource class			7
RESCLASS Input/output valid values	MCONN, MFILE, MJRNL, MPROG, MTERM, MTRAN, MTDQS								
RESNAME	CHAR	CPSM	8	Yes	DIFF	Name or generic name of resource being monitored			6
RODMPOP	EYUDA	CPSM	4	Yes	LIKE	Resource status facility population	NO		11

Table 727. MONDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
RODMPOP Input/output valid values	YES, NO								



## Chapter 311. MONGROUP Resource Table

A CPSM Monitor Definition that provides the association anchor for a set of MONDEF definitions. References to the MONGROUP are inferred to be references to the set of associated MONDEF instances.

The **Primary** key field for this resource class is NAME.

The following action is supported:

### INSTALL

Install the set of MONDEF definitions in the group into each active CICS system that has monitoring active within the specified scope.

The INSTALL action requires no unique parameter data.

The set of MONDEFs is installed in each active CICS system in the current scope that has Monitoring active.

### External resource name

CICSMonitorGroup

### Length

112

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSPlex SM Definition

### Copybook identifier

EYUt3504

<i>Table 728. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	SCOPE(value)	No
	ADDTOSPC	SPEC(value)	Yes

Table 729. MONGROUP FEEDBACK error codes

Value	Code	Description
1	MONGROUP_INV_DATA	Attribute data invalid
2	MONGROUP_REC_NOT_FOUND	Requested resource not found
3	MONGROUP_INV_REF	Name not found
4	MONGROUP_REC_EXISTS	Resource already exists
5	MONGROUP_REC_CHANGED	Resource definition already changed
21	MONGROUP_PARTIAL_INSTALL	Partial install
22	MONGROUP_MON_OFF	Monitoring off
23	MONGROUP_NOT_INSTALLED	Not installed
24	MONGROUP_NOT_UNIQUE	Not unique

Table 730. MONGROUP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/ output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			9
DESC	CHAR	CPSM	58	No	DIFF	Description			6
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	7
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name			5



## Chapter 312. MONINGRP Resource Table

A CPSM Monitor Definition that describes the membership of a monitor definition (MONDEF) in a monitor group (MONGROUP). A MONDEF can be a member of multiple MONGROUPS.

The **Primary** key field for this resource class is GROUP.

The **Secondary** key field for this resource class is DEFNAME.

There are no object specific actions for this resource class.

**External resource name**

CICSMonitorResourceInGroup

**Length**

64

**Usage**

API or Batch Utility or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt5380

<i>Table 731. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

<i>Table 732. MONINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	MONINGRP_INV_DATA	Attribute data invalid
2	MONINGRP_REC_NOT_FOUND	Requested resource not found
3	MONINGRP_INV_REFERENCE	Attribute references an invalid resource
4	MONINGRP_REC_EXISTS	Resource already exists
5	MONINGRP_REC_CHANGED	Resource definition already changed

Table 733. MONINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
ACTIVETIME	CHAR	CPSM	8	No	DIFF	Period definition	7
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>DEFNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Monitor definition	6
<b>GROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Monitor group	5

## Chapter 313. MONINSPC Resource Table

A CPSM Monitor Definition that describes the membership of a monitor group (MONGROUP) in a monitor specification (MONSPEC). A MONGROUP can be a member of multiple MONSPECS.

The **Primary** key field for this resource class is SPEC.

The **Secondary** key field for this resource class is GROUP.

There are no object specific actions for this resource class.

### External resource name

CICSMonitorGroupInSpecification

### Length

56

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Definition

### Copybook identifier

EYUt5121

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Value	Code	Description
2	MONINSPC_REC_NOT_FOUND	Requested resource not found
3	MONINSPC_INV_REFERENCE	Attribute references an invalid resource
4	MONINSPC_REC_EXISTS	Resource already exists

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	7
CHANGEAGENT Input/output valid values	DREPAPI						

Table 736. MONINSPC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	10
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	9
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	8
<b>GROUP-2</b>	CHAR	CPSM	8	Yes	DIFF	Monitor group	6
<b>SPEC-1</b>	CHAR	CPSM	8	Yes	DIFF	Monitor specification	5

## Chapter 314. MONITOR Resource Table

This CICS resource provides CICS monitoring and statistics information in an active system being managed by CICSplex SM.

The MONITOR resource class does not provide an explicit key attribute. The set of object instances returned is a function of the scope in effect when the request is made.

This resource class has no object specific actions.

**External resource name**

CICSMonitoringAndStatistics

**Length**

376

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0125

<i>Table 737. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		None	N/A
SET		None	N/A
PERFORM SET	STATISTICS	ALL	No
		ATOMSERVICE	No
		AUTOINSTALL	No
		BEAN	No
		BUNDLE	No
		CAPTURESPEC	No
		CONNECTION	No
		CORBASERVER	No
		DB2	No
		DISPATCHER	No

Table 737. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		DOCTEMP	No
		ENQUEUE	No
		EVENTBINDING	No
		EVENTPROCESS	No
		FEPI	No
		FILE	No
		IPCONN	No
		JOURNAL	No
		JVMPOOL	No
		JVMPROFILE	No
		JVMPROGRAM	No
		JVMSERVER	No
		LIBRARY	No
		LSRPOOL	No
		MONITOR	No
		MQCONN	No
		PIPELINE	No
		PROGAUTOINS	No
		PROGRAM	No
		PROGRAMDEF	No
		RECOVERY	No
		REQUESTMODEL	No
		RESETNOW	No
		STATISTICS	No
		STORAGE	No
		STREAMNAME	No
		SYSDUMP	No
		TABLEMGR	No
		TCPIP	No
		TCPIPSERVICE	No
		TEMPSTOR	No
		TERMINAL	No
		TRANCLASS	No
		TRANDATA	No

Table 737. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		TRANDUMP	No
		TRANSACTION	No
		URIMAP	No
		VTAM	No
		WEBSERVICE	No
		XMLTRANSFORM	No

Table 738. MONITOR FEEDBACK error codes

Value	Code	Description
21	XMONITOR_RESOURCE_REQUIRED	Resource required

Table 739. MONITOR resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Inval id	Set Inval id	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			
APPLNAMEST	CVDAS	INQ	MONITOR	APPLNAMEST	4	LIKE	No	Application naming option			59
APPLNAMEST Output valid values	NOAPPLNAME, APPLNAME										
COMPRESST	CVDAS	INQ	MONITOR	COMPRESST	4	LIKE	Yes	Compression status option			61
COMPRESST Input/output valid values	COMPRESS, NOCOMPRESS										
CONVERSEST	CVDAS	INQ	MONITOR	CONVERSEST	4	LIKE	Yes	Performance record for conversational task option			1
CONVERSEST Input/output valid values	CONVERSE, NOCONVERSE										
DPLLIMIT	BINARY	INQ	MONITOR	DPLLIMIT	2	SUM	Yes	Distributed program link limit		E640 E650	62
ENDOFDAY	DECIMAL	INQ	STATISTICS	ENDOFDAY	4	MAX	Yes	Statistics end-of-day time			38
EXCEPTCLASS	CVDAS	INQ	MONITOR	EXCEPTCLASS	4	LIKE	Yes	Exception class status			2
EXCEPTCLASS Input/output valid values	EXCEPT, NOEXCEPT										
FILELIMIT	BINARY	INQ	MONITOR	FILELIMIT	2	SUM	Yes	File resource limit		E640 E650	57
FREQUENCY	DECIMAL	INQ	MONITOR	FREQUENCY	4	MAX	Yes	Long-running task performance record frequency			3
IDNTYCLASS	CVDAS	INQ	MONITOR	IDNTYCLASS	4	LIKE	Yes	Identity class status		E640 E650	64
IDNTYCLASS Input/output valid values	IDNTY, NOIDNTY										
INTERVAL	DECIMAL	INQ	STATISTICS	INTERVAL	4	MAX	Yes	Statistics collection interval			37

Table 739. MONITOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Inval id	Set Inval id	Attr ID
MNGAUTRT	INTTSTP	STAT	DFHMNGDS	MNGAUTRT	8	LIKE	No	Average user transaction resp time	E640 E650 E660 E670 E680		75
MNGCAUTA	BINARY	STAT	DFHMNGDS	MNGCAUTA	4	LIKE	No	Current tasks at last attach	E640 E650 E660 E670 E680		74
MNGCPUT	INTTSTP	STAT	DFHMNGDS	MNGCPUT	8	LIKE	No	Total transaction CPU time	E640 E650 E660 E670 E680 E690		78
MNGER	BINARY	STAT	DFHMNGDS	MNGER	4	AVG	No	Number of CMF exception records			14
MNGERS	BINARY	STAT	DFHMNGDS	MNGERS	4	AVG	No	Number of CMF exception records suppressed by exit			15
MNGIR	BINARY	STAT	DFHMNGDS	MNGIR	4	AVG	No	Number of CMF identity records	E640 E650		65
MNGIRS	BINARY	STAT	DFHMNGDS	MNGIRS	4	AVG	No	Number of CMF identity records suppressed by exit	E640 E650		66
MNGLUTAT	DATETIME	STAT	DFHMNGDS	MNGLUTAT	8	LIKE	No	Time last user transaction attached	E640 E650 E660 E670 E680		71
MNGLUTCL	DATETIME	STAT	DFHMNGDS	MNGLUTCL	8	LIKE	No	Time last user transaction ended	E640 E650 E660 E670 E680		72
MNGLUTRT	DATETIME	STAT	DFHMNGDS	MNGLUTRT	8	LIKE	No	Time the peak user transaction resp time was recorded	E640 E650 E660 E670 E680		77
MNGMXUTA	BINARY	STAT	DFHMNGDS	MNGMXUTA	4	LIKE	No	MXT at last user transaction attach	E640 E650 E660 E670 E680		73
MNGOFLCP	INTTSTP	STAT	DFHMNGDS	MNGOFLCP	8	LIKE	No	Total transaction CPU time offload on CP	E640 E650 E660 E670 E680 E690		80
MNGPR	BINARY	STAT	DFHMNGDS	MNGPR	4	AVG	No	Number of CMF performance records			16
MNGPRS	BINARY	STAT	DFHMNGDS	MNGPRS	4	AVG	No	Number of performance records suppressed by exit			17
MNGPUTRT	INTTSTP	STAT	DFHMNGDS	MNGPUTRT	8	LIKE	No	Peak user transaction resp time	E640 E650 E660 E670 E680		76



Table 739. MONITOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Set	Description	Get Inval id	Set Inval id	Attr ID
MNGRR	BINARY	STAT	DFHMNGDS	MNGRR	4	AVG	No	Number of CMF resource records			20
MNGRRS	BINARY	STAT	DFHMNGDS	MNGRRS	4	AVG	No	Number of CMF resource records suppressed by exit			21
MNGSMFR	BINARY	STAT	DFHMNGDS	MNGSMFR	4	AVG	No	Number of SMF records for CMF			18
MNGSMFRS	BINARY	STAT	DFHMNGDS	MNGSMFE	4	AVG	No	Number of SMF errors for CMF			19
MNGSTNUM	BINARY	STAT	DFHMNGDS	MNGSTNUM	4	LIKE	No	System transactions ended	E640 E650 E660 E670 E680		69
MNGTONCP	INTTSTP	STAT	DFHMNGDS	MNGTONCP	8	LIKE	No	Total transaction CPU time on CP	E640 E650 E660 E670 E680 E690		79
MNGUTNUM	BINARY	STAT	DFHMNGDS	MNGUTNUM	4	LIKE	No	User transactions ended	E640 E650 E660 E670 E680		68
NUMCMF2SMF	RATE3	CPSM			8	AVG	No	Rate of SMF writes for CMF			41
NUMSTAT2SMF	RATE3	CPSM			8	AVG	No	Rate of SMF writes for statistics			42
PERFCLASS	CVDAS	INQ	MONITOR	PERFCLASS	4	LIKE	Yes	Performance class status			4
PERFCLASS Input/ output valid values	PERF, NOPERF										
PEXCSUPR	PERCENT3	CPSM			4	AVG	No	Percent exception records suppressed to SMF writes			47
PIDNSUPR	PERCENT3	CPSM			4	AVG	No	Percent identity records suppressed to writes	E640 E650		67
PPERSUPR	PERCENT3	CPSM			4	AVG	No	Percent performance records suppressed to writes			48
PRESSUPR	PERCENT3	CPSM			4	AVG	No	Percent resource records suppressed to SMF writes			49
PSMFWERRC	PERCENT3	CPSM			4	AVG	No	Percentage of SMF errors to writes for CMF			43
PSMFWERRS	PERCENT3	CPSM			4	AVG	No	Percent of SMF errors to writes for statistics			44
PSTASUPR	PERCENT3	CPSM			4	AVG	No	Percent of statistics records suppressed to writes			50
RECORDING	CVDAS	INQ			4	LIKE	Yes	STATRCD recording			39
RECORDING Input/ output valid values	ON, OFF										
RESRCECLASS	CVDAS	INQ	MONITOR	RESRCECLASS	4	LIKE	Yes	Resource class status			5
RESRCECLASS Input/ output valid values	NORESRCE, RESRCE										
RMIST	CVDAS	INQ	MONITOR	RMIST	4	LIKE	No	RMI option			60

Table 739. MONITOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Inval id	Set Inval id	Attr ID
RMIST Output valid values	NORMI, RMI										
RSMFWERRC	RATE3	CPSM			8	AVG	No	Rate of SMF write errors for CMF			45
RSMFWERRS	RATE3	CPSM			8	AVG	No	Rate of SMF write errors for statistics			46
RSMFWRITE	RATE3	CPSM			8	AVG	No	Rate of CMF and statistics records written to SMF			54
RSTAWRITE	RATE3	CPSM			8	AVG	No	Statistics write request rate before suppression			52
STATUS	CVDAS	INQ	MONITOR	STATUS	4	LIKE	Yes	Monitoring status			6
STATUS Input/output valid values	ON, OFF										
STGCSTRT	TIMESTP	STAT	DFHSTGDS	STGCSTRT	8	MAX	No	Statistics CICS start time			35
STGEODR	BINARY	STAT	DFHSTGDS	STGEODR	4	AVG	No	Number of EOD statistics records			31
STGINTR	BINARY	STAT	DFHSTGDS	STGINTR	4	AVG	No	Number of INT statistics records			30
STGLDW	BINARY	STAT	DFHSTGDS	STGLDW	4	AVG	No	Length of statistics data written			27
STGLRT	TIMESTP	STAT	DFHSTGDS	STGLRT	8	MAX	No	Statistics last reset time			36
STGNC	BINARY	STAT	DFHSTGDS	STGNC	4	AVG	No	Number of interval collections			25
STGREQR	BINARY	STAT	DFHSTGDS	STGREQR	4	AVG	No	Number of REQ statistics records			33
STGRRTR	BINARY	STAT	DFHSTGDS	STGRRTR	4	AVG	No	Number of RRT statistics records			34
STGSMFE	BINARY	STAT	DFHSTGDS	STGSMFE	4	AVG	No	Number of SMF errors for statistics			29
STGSMFS	BINARY	STAT	DFHSTGDS	STGSMFS	4	AVG	No	Number of SMF writes suppressed for statistics			28
STGSMFW	BINARY	STAT	DFHSTGDS	STGSMFW	4	AVG	No	Number of SMF writes for statistics			26
STGUSSR	BINARY	STAT	DFHSTGDS	STGUSSR	4	AVG	No	Number of USS statistics records			32
SUBSYSTEMID	CHAR	INQ	MONITOR	SUBSYSTEMID	4	DIFF	No	SYSEVENT class subsystem ID	E650 +		7
SYNCPOINTST	CVDAS	INQ	MONITOR	SYNCPOINTST	4	LIKE	Yes	Performance record at syncpoint option			8
SYNCPOINTST Input/output valid values	SYNCPOINT, NOSYNCPOINT										
TIME	CVDAS	INQ	MONITOR	TIME	4	LIKE	No	Monitor reports clock value			9
TIME Output valid values	GMT, LOCAL										
TOTCICSSTAT	BINARY	CPSM			8	AVG	No	Total statistics records write attempts to SMF			51
TSMFWITES	BINARY	CPSM			8	AVG	No	Total number of SMF write requests			53
TSQUEUELIMIT	BINARY	INQ	MONITOR	TSQUEUELIMIT	2	SUM	Yes	Temporary storage queue limit		E640 E650	58

Table 739. MONITOR resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Inval id	Set Inval id	Attr ID
URIMAPLIMIT	BINARY	INQ	MONITOR	URIMAPLIMIT	2	SUM	Yes	URIMAP limit		E640 E650 E660 E670 E680 E690 E700 E710	81
WEBSERVLIMIT	BINARY	INQ	MONITOR	WEBSERVLIMIT	2	SUM	Yes	WEBSERVICE limit		E640 E650 E660 E670 E680 E690 E700 E710	82



## Chapter 315. MONSPEC Resource Table

A CPSM Monitor Definition that describes the control directives for monitoring a set of CICS systems. Using group associators, a MONSPEC object can determine which MONDEF instances are to be installed in each CICS system. Using scope link associators (LNKSMSCS), a MONSPEC object can determine which CICS systems fall under its processing scope. A CICS System can have a scope link associator to only one MONSPEC.

The **Primary** key field for this resource class is NAME.

**External resource name**

CICSMonitorSpecification

**Length**

168

**Usage**

API or Batch Utility or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt3511

<i>Table 740. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDSYSGRP	FORCE	Yes
		GROUP(value)	Yes
		NONE	Yes
		NULL	Yes
	ADDSYSDEF	SYSTEM(value)	Yes

Table 741. MONSPEC FEEDBACK error codes

Value	Code	Description
1	MONSPEC_INV_DATA	Attribute data invalid
2	MONSPEC_REC_NOT_FOUND	Requested resource not found
4	MONSPEC_REC_EXISTS	Resource already exists
5	MONSPEC_REC_CHANGED	Resource definition already changed
6	MONSPEC_RODMCMAS_NOT_FOUND	RODM CMAS Not Found
7	MONSPEC_INV_REFERENCE	Does not exist
8	MONSPEC_LNKASSOC_EXISTS	Association already exists

Table 742. MONSPEC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
ACTSTATUS	EYUDA	CPSM	4	Yes	LIKE	Monitor activation status	INACTIVE		27
ACTSTATUS Input/output valid values	ACTIVE, INACTIVE								
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			31
CHANGEAGENT Input/output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			34
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			33
CICSSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for CICS region monitoring	0	0-86400	8
CONNSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for connection monitoring	0	0-86400	14
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			32
DBXSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for DB2 and DBCTL monitoring	0	0-86400	12
DESC	CHAR	CPSM	58	No	DIFF	Description			28
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	30
FILESAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for file monitoring	0	0-86400	16
GLBLSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for global region monitoring	0	0-86400	10
JRNLSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for journal monitoring	0	0-86400	18
NAME-1	CHAR	CPSM	8	Yes	DIFF	Specification			5
PROGSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for program monitoring	0	0-86400	20
RETENTION	BINARY	CPSM	4	Yes	AVG	Data retention period	0	0-1440	6
RODMCMAS	CHAR	CPSM	8	No	DIFF	Resource status facility CMAS name			29
TDQSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for TDQ monitoring	0	0-86400	24
TERMSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for terminal monitoring	0	0-86400	22
TRANSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for transaction monitoring	0	0-86400	26

## Chapter 316. MPROGRAM Resource Table

A CICS Monitored resource that describes a subset of the program attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is PROGRAM.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**External resource name**

**Length**

120

**Usage**

API or WUI or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1377

*Table 743. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

*Table 744. MPROGRAM FEEDBACK error codes*

Value	Code	Description
9	MPROGRAM_NO_MON_DATA	No data for monitored resource
10	MPROGRAM_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 745. MPROGRAM resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
CURAVGFETCH	INT16US	INQ	4	MAX	Average fetch time for current sample	22
CURRUSEPCT	PERCENT	CPSM	4	AVG	% of times program reused - current sample	10
CURUSERATE	RATE	CPSM	4	AVG	Program access rate for current sample	6
EXECKEY	CV DAS	INQ	4	LIKE	Program execution key	13
EXECKEY Output valid values	CICSEXECKEY, USEREXECKEY, NOTAPPLIC					
FETCHCNT	BINARY	STAT	4	AVG	Number of times program loaded into storage	9
FETCHTIME	INT16US	STAT	4	AVG	Total time for all program fetches	20
HOLDSTATUS	CV DAS	INQ	4	LIKE	Hold status	15
HOLDSTATUS Output valid values	HOLD, NOHOLD, NOTAPPLIC					
INTAVGFETCH	INT16US	INQ	4	MAX	Average fetch time for monitor interval	23
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	1
INTRUSEPCT	PERCENT	CPSM	4	AVG	% of times program reused - monitor interval	11
INTUSERATE	RATE	CPSM	4	AVG	Program access rate for monitor interval	7
LENGTH	BINARY	INQ	4	AVG	Program length	17
LPASTAT	CV DAS	INQ	4	LIKE	Link pack area (LPA) status	18
LPASTAT Output valid values	LPA, NOTLPA, NOTAPPLIC					
NEWCOPYCNT	CNUMERIC	STAT	4	AVG	Number of NEWCOPY requests issued	3
<b>PROGRAM-1</b>	CHAR	INQ	8	DIFF	Program name	2
PROGTYPE	CV DAS	INQ	4	LIKE	Program type	19
PROGTYPE Output valid values	PROGRAM, MAP, PARTITIONSET					
REMOVECNT	CNUMERIC	STAT	4	AVG	Number of times removed by program compression	21
RESCOUNT	BINARY	INQ	4	AVG	Number of times program currently accessed	8
RPLID	CNUMERIC	STAT	4	AVG	DFHRPL data set number	16
SHARESTATUS	CV DAS	INQ	4	LIKE	Share status	14
SHARESTATUS Output valid values	PRIVATE, SHARED, NOTAPPLIC					
STATUS	CV DAS	INQ	4	LIKE	Enabled status	12
STATUS Output valid values	ENABLED, DISABLED					
USEAGELSTAT	CNUMERIC	STAT	4	AVG	Number of times program accessed since last reset	5
USECOUNT	BINARY	INQ	4	SUM	Total number of times program executed	4



## Chapter 317. MQCINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a WebSphere® MQ connection definition (MQCONDEF) in a resource group (RESGROUP). An MQCONDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is MQCGROUP.

The **Secondary** key field for this resource class is MQCNAME.

The **Tertiary** key field for this resource class is MQCVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6185

<i>Table 746. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 747. MQCINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	MQCINGRP_INV_DATA	Attribute data invalid
2	MQCINGRP_REC_NOT_FOUND	Requested resource not found
4	MQCINGRP_REC_EXISTS	Resource already exists
6	MQCINGRP_INV_RESTYPE	Invalid resource type
7	MQCINGRP_INV_VER	Invalid resource version
11	MQCINGRP_NON_MP	Maintenance point CMAS not available

Table 747. MQCINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	MQCINGRP_INV_CONTEXT	Context not found
21	MQCINGRP_INCONSISTENT_SET	Inconsistent set
22	MQCINGRP_DIFF_VERSION	Different version
23	MQCINGRP_INV_NAME	Invalid name
24	MQCINGRP_INV_MINNAME	Invalid minor name

Table 748. MQCINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>MQCGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>MQCNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	MQ Connection definition name	6
<b>MQCVER-3</b>	BINARY	CPSM	1	Yes	AVG	MQ Connection definition version	7

## Chapter 318. MQCON Resource Table

A CICS Resource that provides information about the WebSphere MQ connection definition (MQCONN resource definition) for the CICS system.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### CONNECT

Connect to WebSphere MQ.

### DISCONNECT

Disconnect from WebSphere MQ.

The parameter data for the DISCONNECT action is:

```
PARM('BUSY(cvda).')
```

where *cvda* is required and is one of the following valid CVDA values for the WebSphere MQ connection busy condition:

```
WAIT
NOWAIT
FORCE
```

### DISCARD

Discard the WebSphere MQ connection definition.

### External resource name

CICSMQConnection

### Length

352

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0184

Table 749. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A

Table 749. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
PERFORM SET	CONNECT	None	N/A
	DISCONNECT	BUSY(WAIT, NOWAIT, FORCE)	Yes
	DISCARD	None	N/A

Table 750. MQCON resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	53
CHANGEAGENT	CVDAS	INQ	MQCONN	CHANGEAGENT	4	LIKE	No	Last modification agent		45
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC									
CHANGEAGREL	CHAR	INQ	MQCONN	CHANGEAGREL	4	DIFF	No	Last modification agent release		46
CHANGETIME	DATETIME	INQ	MQCONN	CHANGETIME	8	MAX	No	Last modification time		47
CHANGEUSRID	CHAR	INQ	MQCONN	CHANGEUSRID	8	DIFF	No	Last modification user ID		44
CONNECTST	CVDAS	INQ	MQCONN	CONNECTST	4	LIKE	Yes	Connection status		10
CONNECTST Input/output valid values	CONNECTED, NOTCONNECTED									
CONNECTST Output valid values	CONNECTING, DISCONNING									
DEFINESOURCE	CHAR	INQ	MQCONN	DEFINESOURCE	8	DIFF	No	Source of the resource definition		48
DEFINETIME	DATETIME	INQ	MQCONN	DEFINETIME	8	MAX	No	Creation time		49
INSTALLAGENT	CVDAS	INQ	MQCONN	INSTALLAGENT	4	LIKE	No	Installation agent		52
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST									
INSTALLTIME	DATETIME	INQ	MQCONN	INSTALLTIME	8	MAX	No	Installation time		51
INSTALLUSRID	CHAR	INQ			8	DIFF	No	Installation user ID		50
MQGGMTCONN	DATETIME	INQ	DFHMQGDS	MQG_connect_time_gmt	8	MAX	No	GMT connection time		39
MQGGMTDISC	DATETIME	INQ	DFHMQGDS	MQG_disconnect_time_gmt	8	MAX	No	GMT disconnect time		41
MQGINDBTUOW	BINARY	STAT	DFHMQGDS	MQG_IndoubtUOW	4	AVG	No	Number of indoubt units of work		30
MQGINITQ	CHAR	STAT	DFHMQGDS	MQG_Initiation_queue	48	DIFF	No	Initiation queue name		13
MQGLOCCONN	DATETIME	INQ	DFHMQGDS	MQG_connect_time_local	8	MAX	No	Local connection time		40
MQGLOCDISC	DATETIME	INQ	DFHMQGDS	MQG_disconnect_time_local	8	MAX	No	Local disconnect time		42
MQGRESBACUW	BINARY	STAT	DFHMQGDS	MQG_ResolveBack	4	AVG	No	Number of resolved backout units of work		33

Table 750. MQCON resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Attr ID
MQGRESCOMUW	BINARY	STAT	DFHMQGDS	MQG_ResolveComm	4	AVG	No	Number of resolved committed units of work		32
MQGT2PCOMM	BINARY	STAT	DFHMQGDS	MQG_T2PComm	4	AVG	No	Number of two phase commit operations		38
MQGTAPI	BINARY	STAT	DFHMQGDS	MQG_TApi	4	AVG	No	Number of WebSphere MQ API calls since WebSphere MQ connected		15
MQGTAPIOK	BINARY	STAT	DFHMQGDS	MQG_TApiOk	4	AVG	No	Number of WebSphere MQ API calls completed successfully		16
MQGTBACKUOW	BINARY	STAT	DFHMQGDS	MQG_TBackUOW	4	AVG	No	Number of backout units of work		34
MQGTBUFMH	BINARY	STAT	DFHMQGDS	MQG_tbufmh	4	AVG	No	Number of MQBUFMH requests		67
MQGTCALL	BINARY	STAT	DFHMQGDS	MQG_TCall	4	AVG	No	Number of internal WebSphere MQ calls		17
MQGTCALLIO	BINARY	STAT	DFHMQGDS	MQG_TCallIO	4	AVG	No	Number of WebSphere MQ calls that needed I/O		19
MQGTCALLSYNC	BINARY	STAT	DFHMQGDS	MQG_TCallSyncComp	4	AVG	No	Number of WebSphere MQ calls that completed synchronously		18
MQGTCB	BINARY	STAT	DFHMQGDS	MQG_tcb	4	AVG	No	Number of MQCB requests		55
MQGTCLOSE	BINARY	STAT	DFHMQGDS	MQG_TCLOSE	4	AVG	No	Number of MQCLOSE requests		23
MQGTCOMMUOW	BINARY	STAT	DFHMQGDS	MQG_TCommUOW	4	AVG	No	Number of committed units of work		35
MQGTCONSUME	BINARY	STAT	DFHMQGDS	MQG_tConsume	4	AVG	No	Number of messages consumed		56
MQGTCRTMH	BINARY	STAT	DFHMQGDS	MQG_tcrtmh	4	AVG	No	Number of MQCRTMH requests		61
MQGTCTL	BINARY	STAT	DFHMQGDS	MQG_tctl	4	AVG	No	Number of MQCTL requests		57
MQGDTLTMH	BINARY	STAT	DFHMQGDS	MQG_tdltmh	4	AVG	No	Number of MQDLTMH requests		62
MQGDTLTMP	BINARY	STAT	DFHMQGDS	MQG_tdltmp	4	AVG	No	Number of MQDLTMP requests		65
MQGTFTATT	BINARY	STAT	DFHMQGDS	MQG_TFutileAtt	4	AVG	No	Number of WebSphere MQ API calls when WebSphere MQ was not connected		14
MQGTGET	BINARY	STAT	DFHMQGDS	MQG_TGET	4	AVG	No	Number of MQGET requests		24
MQGTGETWAIT	BINARY	STAT	DFHMQGDS	MQG_TGETWAIT	4	AVG	No	Number of MQGET with wait requests		25
MQGTINQ	BINARY	STAT	DFHMQGDS	MQG_TINQ	4	AVG	No	Number of MQINQ requests		28
MQGTINQMP	BINARY	STAT	DFHMQGDS	MQG_tinqmp	4	AVG	No	Number of MQINQMP requests		64
MQGTMHBUF	BINARY	STAT	DFHMQGDS	MQG_tmhbuf	4	AVG	No	Number of MQMHBUF requests		66
MQGTOPEN	BINARY	STAT	DFHMQGDS	MQG_TOPEN	4	AVG	No	Number of MQOPEN requests		22
MQGTPUT	BINARY	STAT	DFHMQGDS	MQG_TPUT	4	AVG	No	Number of MQPUT requests		26

Table 750. MQCON resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Attr ID
MQGTPUT1	BINARY	STAT	DFHMQGDS	MQG_TPUT1	4	AVG	No	Number of MQPUT1 requests		27
MQGTSET	BINARY	STAT	DFHMQGDS	MQG_TSET	4	AVG	No	Number of MQSET requests		29
MQGTSETMP	BINARY	STAT	DFHMQGDS	MQG_tsetmp	4	AVG	No	Number of MQSETMP requests		63
MQGTSPCOMM	BINARY	STAT	DFHMQGDS	MQG_TSPComm	4	AVG	No	Number of single phase commit operations		37
MQGTSTAT	BINARY	STAT	DFHMQGDS	MQG_tstat	4	AVG	No	Number of MQSTAT requests		60
MQGTSUB	BINARY	STAT	DFHMQGDS	MQG_tsub	4	AVG	No	Number of MQSUB requests		58
MQGTSUBRQ	BINARY	STAT	DFHMQGDS	MQG_tsubrq	4	AVG	No	Number of MQSUBRQ requests		59
MQGTSUBTASK	BINARY	STAT	DFHMQGDS	MQG_TSubtask ed	4	AVG	No	Number of WebSphere MQ calls that had a TCB switch		21
MQGTTASKEND	BINARY	STAT	DFHMQGDS	MQG_TTaskend	4	AVG	No	Number of completed tasks		36
MQGTWAITMSG	BINARY	STAT	DFHMQGDS	MQG_TWaitMsg	4	AVG	No	Number of MQGET with wait requests that waited		20
MQGUNRESUOW	BINARY	STAT	DFHMQGDS	MQG_UnResolvedUOW	4	AVG	No	Number of unresolved units of work		31
MQNAME	CHAR	INQ	MQCONN	MQNAME	4	DIFF	Yes	WebSphere MQ queue manager or QSG name		2
MQQMGR	CHAR	INQ	MQCONN	MQQMGR	4	DIFF	No	Connected Queue Manager name		3
MQRELEASE	CHAR	INQ	MQCONN	MQRELEASE	4	DIFF	No	WebSphere MQ Release		8
NAME-1	CHAR	STAT	DFHMQGDS	MQG_Mqconn_name	8	DIFF	No	WebSphere MQ connection name		1
RESYNCMEMBER	CVDAS	INQ	MQCONN	RESYNCMEMBER	4	LIKE	Yes	Resynchronization member		9
RESYNCMEMBER Input/output valid values	RESYNC, NORESYNC, GROUPRESYNC									
RESYNCMEMBER Output valid values	NOTAPPLIC									
TASKS	BINARY	INQ	MQCONN	TASKS	4	AVG	No	Number of current tasks		11
TRIGMONTASKS	BINARY	INQ	MQCONN	TRIGMONTASKS	4	AVG	No	Number of current CICS MQMonitor tasks		12

## Chapter 319. MQCONDEF Resource Table

A CICS Definition that describes the connection properties of a WebSphere MQ connection.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a WebSphere MQ connection definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionMQConnection

### Length

200

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3840

<i>Table 751. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

<i>Table 751. Valid CPSM operations (continued)</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

<i>Table 752. MQCONDEF FEEDBACK error codes</i>		
<b>Value</b>	<b>Code</b>	<b>Description</b>
1	MQCONDEF_INV_DATA	Attribute data invalid
2	MQCONDEF_REC_NOT_FOUND	Requested resource not found
4	MQCONDEF_REC_EXISTS	Resource already exists
5	MQCONDEF_REC_CHANGED	Resource definition already changed
6	MQCONDEF_INV_RESTYPE	Invalid resource type
7	MQCONDEF_INV_VER	Invalid resource version
11	MQCONDEF_NON_MP	Maintenance point CMAS not available
12	MQCONDEF_INV_CONTEXT	Context not found
13	MQCONDEF_INCONSISTENT_SET	Inconsistent set condition
14	MQCONDEF_INV_RESGROUP	Resource group not found
21	MQCONDEF_INV_ACTION	Invalid action
22	MQCONDEF_INV_RECADDR	Invalid record address
23	MQCONDEF_INV_RECLEN	Invalid record length
24	MQCONDEF_DIFF_VERSION	Different version
25	MQCONDEF_EARLY_NAMELIST_END	Early name list end
26	MQCONDEF_INV_NAMELIST	Invalid name list
27	MQCONDEF_INV_NAME	Invalid name
28	MQCONDEF_INV_MINNAME	Invalid minor name



Table 752. MQCONDEF FEEDBACK error codes (continued)

Value	Code	Description
29	MQCONDEF_NOTIFY	Notify
30	MQCONDEF_PARTIAL_INSTALL	Partial install
31	MQCONDEF_NOTHING_INSTALLED	Nothing installed
32	MQCONDEF_NO_TARGETS	No targets
33	MQCONDEF_NO_RELATED	No related systems
34	MQCONDEF_INV_TSCOPE	Invalid target scope
35	MQCONDEF_INV_RSCOPE	Invalid related scope
36	MQCONDEF_INV_USAGE	Invalid usage
37	MQCONDEF_INV_MODE	Invalid mode
38	MQCONDEF_INV_STATECHK	Invalid state check
39	MQCONDEF_INV_FORCEINS	Invalid force install
40	MQCONDEF_INV_NOTIFY	Invalid notify
41	MQCONDEF_INV_OVERTYPE	Invalid over type
42	MQCONDEF_INV_OVRBLOCK	Invalid override block
43	MQCONDEF_INV_ORSTRING	Invalid override string
44	MQCONDEF_INV_STRNGTERM	Invalid string term
45	MQCONDEF_INV_EMBEDTERM	Invalid embedded terminator
46	MQCONDEF_INV_ATTRIBUTE	Invalid attribute
47	MQCONDEF_INV_LITERAL	Invalid literal
48	MQCONDEF_INV_ORSTGNA	Invalid override string
49	MQCONDEF_SCOPE_REQUIRED	Scope required
50	MQCONDEF_USAGE_CONFLICT	Usage conflict
51	MQCONDEF_NODEFS_SELECTED	No definitions selected
52	MQCONDEF_MORE_THAN_1_RELSYS	More than one related system
53	MQCONDEF_MISSING_RELSYSID	Missing related system identifier
54	MQCONDEF_SCOPE_CONFLICT	Scope conflict
55	MQCONDEF_INV_INITQNAME	Invalid INITQNAME value
56	MQCONDEF_INV_MQNAME	Invalid MQNAME value
57	MQCONDEF_INV_RESYNCMEMBER	Invalid RESYNCMEMBER value
58	MQCONDEF_INV_CSDGROUP	Invalid CSD group
59	MQCONDEF_REC_NOT_REMOVED	Record not removed
60	MQCONDEF_INV_RESOURCE	Invalid resource
61	MQCONDEF_INV_CICS_RESTYPE	Invalid CICS restype
62	MQCONDEF_PARTIAL_ACTION	Partial action

Table 752. MQCONDEF FEEDBACK error codes (continued)

Value	Code	Description
63	MQCONDEF_NOTHING_ACTIONED	Nothing actioned
64	MQCONDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
65	MQCONDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
66	MQCONDEF_CSD_ERROR	CSD access error

Table 753. MQCONDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	4
CHANGEAGENT Input/ output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	7
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	6
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				5
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	21
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		20
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				19
INITQNAME	CHAR	CPSM	48	No	DIFF	MQ initiation queue name				13
MQNAME	CHAR	CPSM	4	Yes	DIFF	MQ queue manager or QSG name				14
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				12
RESYNCMEMBER	EYUDA	CPSM	4	Yes	LIKE	Resynchronization Member	YES			15
RESYNCMEMBER Input/ output valid values	YES, NO, GROUPRESYNC									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				16
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				17
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				18

## Chapter 320. MQCONN Resource Table

A CICS resource that describes a subset of the WebSphere MQ connection attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is MQGQMGRNAME.

There are no object specific actions for this resource class.

### External resource name

CICSMQConnectionStatistics

### Length

288

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0159

Table 754. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 755. MQCONN resource table attributes									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		
MQCONNECT	CHAR	STAT	DFHMQGDS	MQG_Mqconn_name	8	DIFF	MQ connection name	E640 E650	35
MQGCONNSTAT	EYUDA	STAT	DFHMQGDS	MQG_CONNECTION_STATUS	4	LIKE	MQ connection status		7
MQGCONNSTAT Output valid values	CONNECTED, NOTCONNECTED								
MQGINDBTUOW	BINARY	STAT	DFHMQGDS	MQG_IndoubtUOW	4	AVG	Number of indoubt units of work		26
MQGINITQ	CHAR	STAT	DFHMQGDS	MQG_INITIATION_QUEUE	48	DIFF	Initiation queue name		8

Table 755. MQCONN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
MQGMQRELEASE	CHAR	STAT	DFHMQGDS	MQG_MQ_RELEASE	4	DIFF	MQ Release		6
<b>MQGQMGRNAME-1</b>	CHAR	STAT	DFHMQGDS	MQG_QMGR_NAME	48	DIFF	MQ queue manager name		1
MQGRESBACUW	BINARY	STAT	DFHMQGDS	MQG_ResolveBack	4	AVG	Number of resolved backout units of work		29
MQGRESCOMUW	BINARY	STAT	DFHMQGDS	MQG_ResolveComm	4	AVG	Number of resolved committed units of work		28
MQGT2PCOMM	BINARY	STAT	DFHMQGDS	MQG_T2PComm	4	AVG	Number of two phase commit operations		34
MQGTAPI	BINARY	STAT	DFHMQGDS	MQG_TApi	4	AVG	Number of MQ API calls since MQ connected		11
MQGTAPIOK	BINARY	STAT	DFHMQGDS	MQG_TApiOk	4	AVG	Number of MQ API calls completed successfully		12
MQGTBACKUOW	BINARY	STAT	DFHMQGDS	MQG_TBackUOW	4	AVG	Number of backout units of work		30
MQGTBUFMH	BINARY	STAT	DFHMQGDS	MQG_tbufmh	4	AVG	Number of MQBUFMH requests		48
MQGTCALL	BINARY	STAT	DFHMQGDS	MQG_TCall	4	AVG	Number of internal MQ calls		13
MQGTCALLIO	BINARY	STAT	DFHMQGDS	MQG_TCallIO	4	AVG	Number of MQ calls that needed I/O		15
MQGTCALLSYNC	BINARY	STAT	DFHMQGDS	MQG_TCallSyncComp	4	AVG	Number of MQ calls that completed synchronously		14
MQGTTCB	BINARY	STAT	DFHMQGDS	MQG_tcb	4	AVG	Number of MQCB requests		36
MQGTTCLOSE	BINARY	STAT	DFHMQGDS	MQG_TTCLOSE	4	AVG	Number of MQCLOSE requests		19
MQGTTCOMMUOW	BINARY	STAT	DFHMQGDS	MQG_TCommUOW	4	AVG	Number of committed units of work		31
MQGTCONSUME	BINARY	STAT	DFHMQGDS	MQG_tConsume	4	AVG	Number of messages consumed		37
MQGTTCRTMH	BINARY	STAT	DFHMQGDS	MQG_tcrtmh	4	AVG	Number of MQCRTMH requests		42
MQGTCTL	BINARY	STAT	DFHMQGDS	MQG_tctl	4	AVG	Number of MQCTL requests		38
MQGTDLTMH	BINARY	STAT	DFHMQGDS	MQG_tdltmh	4	AVG	Number of MQDLTMH requests		43
MQGTDLTMP	BINARY	STAT	DFHMQGDS	MQG_tdltmp	4	AVG	Number of MQDLTMP requests		46
MQGTFUTATT	BINARY	STAT	DFHMQGDS	MQG_TFutileAtt	4	AVG	Number of MQ API calls when MQ was not connected		10
MQGTGET	BINARY	STAT	DFHMQGDS	MQG_TGET	4	AVG	Number of MQGET requests		20
MQGTGETWAIT	BINARY	STAT	DFHMQGDS	MQG_TGETWAIT	4	AVG	Number of MQGET with wait requests		21
MQGTINQ	BINARY	STAT	DFHMQGDS	MQG_TINQ	4	AVG	Number of MQINQ requests		24
MQGTINQMP	BINARY	STAT	DFHMQGDS	MQG_tinqmp	4	AVG	Number of MQINQMP requests		45
MQGTMHBUF	BINARY	STAT	DFHMQGDS	MQG_tmhbuf	4	AVG	Number of MQMHBUF requests		47
MQGTOPEN	BINARY	STAT	DFHMQGDS	MQG_TOPEN	4	AVG	Number of MQOPEN requests		18

Table 755. MQCONN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
MQGTPUT	BINARY	STAT	DFHMQGDS	MQG_TPUT	4	AVG	Number of MQPUT requests		22
MQGTPUT1	BINARY	STAT	DFHMQGDS	MQG_TPUT1	4	AVG	Number of MQPUT1 requests		23
MQGTSET	BINARY	STAT	DFHMQGDS	MQG_TSET	4	AVG	Number of MQSET requests		25
MQGTSETMP	BINARY	STAT	DFHMQGDS	MQG_tsetmp	4	AVG	Number of MQSETMP requests		44
MQGTSPCOMM	BINARY	STAT	DFHMQGDS	MQG_TSPComm	4	AVG	Number of single phase commit operations		33
MQGTSTAT	BINARY	STAT	DFHMQGDS	MQG_tstat	4	AVG	Number of MQSTAT requests		41
MQGTSUB	BINARY	STAT	DFHMQGDS	MQG_tsub	4	AVG	Number of MQSUB requests		39
MQGTSUBRQ	BINARY	STAT	DFHMQGDS	MQG_tsubrq	4	AVG	Number of MQSUBRQ requests		40
MQGTSUBTASK	BINARY	STAT	DFHMQGDS	MQG_TSubtaskend	4	AVG	Number of MQ calls that had a TCB switch		17
MQGTTASKEND	BINARY	STAT	DFHMQGDS	MQG_TTaskend	4	AVG	Number of tasks		32
MQGTTASKS	BINARY	STAT	DFHMQGDS	MQG_TTasks	4	AVG	Number of current tasks		9
MQGTWAITMSG	BINARY	STAT	DFHMQGDS	MQG_TWaitMsg	4	AVG	Number of MQGET with wait requests that waited		16
MQGUNRESUOW	BINARY	STAT	DFHMQGDS	MQG_UnResolveUOW	4	AVG	Number of unresolved units of work		27



## Chapter 321. MQINI Resource Table

A CICS Resource that names the default initiation queue for the CICS-WebSphere MQ connection. CICS installs this resource implicitly when you create a WebSphere MQ connection definition for the CICS system.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

### External resource name

CICSMQInitiationQueue

### Length

136

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0185

Table 756. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 757. MQINI resource table attributes										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved			
BASDEFINEVER	BINARY	CPSM			1	AVG	BAS resource definition version	0		12
CHANGEAGENT	CVDAS	INQ	MQINI	CHANGEAGENT	4	LIKE	Last modification agent		E640 E650	4
CHANGEAGENT Input/ output valid values	AUTOINSTALL, DYNAMIC									
CHANGEAGREL	CHAR	INQ	MQINI	CHANGEAGREL	4	DIFF	Last modification agent release		E640 E650	5
CHANGETIME	DATETIME	INQ	MQINI	CHANGETIME	8	MAX	Last modification time			6

Table 757. MQINI resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Description	Default	Get Inval id	Attr ID
CHANGEUSRID	CHAR	INQ	MQINI	CHANGEUSRID	8	DIFF	Last modification user ID		E640 E650	3
DEFINESOURCE	CHAR	INQ	MQINI	DEFINESOURC E	8	DIFF	Source of the resource definition		E640 E650	7
DEFINETIME	DATETIME	INQ	MQINI	DEFINETIME	8	MAX	Creation time			8
INITQNAME	CHAR	INQ	MQINI	INITQNAME	48	DIFF	MQ initiation queue name			2
INSTALLAGENT	CVDAS	INQ	MQINI	INSTALLAGENT	4	LIKE	Installation agent		E640 E650	11
INSTALLAGENT Input/ output valid values	AUTOINSTALL, DYNAMIC									
INSTALLTIME	DATETIME	INQ	MQINI	INSTALLTIME	8	MAX	Installation time			10
INSTALLUSRID	CHAR	INQ	MQINI	INSTALLUSRID	8	DIFF	Installation user ID		E640 E650	9
<b>NAME-1</b>	CHAR	INQ	MQINI	MQINI	8	DIFF	MQ initiation queue resource name			1



## Chapter 322. MQMINGRP Resource Table

A CPSM Business Application Services definition that describes the membership of a WebSphere MQ monitor definition (MQMONDEF) in a resource group (RESGROUP). An MQMONDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is MQMGROUP.

The **Secondary** key field for this resource class is MQMNAME.

The **Tertiary** key field for this resource class is MQMVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6187

<i>Table 758. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 759. MQMINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	MQMINGRP_INV_DATA	Attribute data invalid
2	MQMINGRP_REC_NOT_FOUND	Requested resource not found
4	MQMINGRP_REC_EXISTS	Resource already exists
6	MQMINGRP_INV_RESTYPE	Invalid resource type
7	MQMINGRP_INV_VER	Invalid resource version
11	MQMINGRP_NON_MP	Maintenance point CMAS not available

Table 759. MQMINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	MQMINGRP_INV_CONTEXT	Context not found
21	MQMINGRP_INCONSISTENT_SET	Inconsistent set
22	MQMINGRP_DIFF_VERSION	Different version
23	MQMINGRP_INV_NAME	Invalid name
24	MQMINGRP_INV_MINNAME	Invalid minor name

Table 760. MQMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>MQMGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>MQMNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	MQMonitor definition name	6
<b>MQMVER-3</b>	BINARY	CPSM	1	Yes	AVG	MQMonitor definition version	7

## Chapter 323. MQMON Resource Table

A CICS resource that describes a WebSphere MQ monitor in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**ENABLE**

Enable the MQMONITOR resource for use in the CICS region.

**DISABLE**

Disable the MQMONITOR resource.

**DISCARD**

Discard the WebSphere MQ monitor definition.

**START**

Start the WebSphere MQ monitor.

**STOP**

Stop the WebSphere MQ monitor.

**External resource name**

CICSMQMonitor

**Length**

520

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0219

<i>Table 761. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A
	DISABLE	None	N/A
	DISCARD	None	N/A

Table 761. Valid CPSM operations (continued)			
Operations	Actions	Parameters	Required
	START	None	N/A
	STOP	None	N/A

Table 762. MQMON resource table attributes											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			
AUTOSTATUS	CVDAS	INQ	MQMONITOR	AUTOSTATUS	4	LIKE	Yes	Autostart status		E640 E650 E660 E670 E680 E690 E700	3
AUTOSTATUS Input/output valid values	AUTOSTART, NOAUTOSTART										
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0		39
CHANGEAGENT	CVDAS	INQ	MQMONITOR	CHANGEAGENT	4	LIKE	No	Last modification agent		E640 E650 E660 E670 E680 E690 E700	31
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC, AUTOINSTALL, DYNAMIC										
CHANGEAGREL	CHAR	INQ	MQMONITOR	CHANGEAGREL	4	DIF F	No	Last modification agent release		E640 E650 E660 E670 E680 E690 E700	32
CHANGETIME	DATETIME	INQ	MQMONITOR	CHANGETIME	8	MAX	No	Last modification time			33
CHANGEUSRID	CHAR	INQ	MQMONITOR	CHANGEUSRID	8	DIF F	No	Last modification user ID		E640 E650 E660 E670 E680 E690 E700	30
DEFINESOURCE	CHAR	INQ	MQMONITOR	DEFINESOURCE	8	DIF F	No	Source of the resource definition		E640 E650 E660 E670 E680 E690 E700	34
DEFINETIME	DATETIME	INQ	MQMONITOR	DEFINETIME	8	MAX	No	Creation time			35
ENABLESTATUS	CVDAS	INQ	MQMONITOR	ENABLESTATUS	4	LIKE	Yes	Enabled status		E640 E650 E660 E670 E680 E690 E700	4

Table 762. MQMON resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
ENABLESTATUS Input/output valid values	ENABLED, DISABLED										
ENABLESTATUS Output valid values	ENABLING, DISABLING, DISCARDING										
INSTALLAGENT	CVDAS	INQ	MQMONITOR	INSTALLAGENT	4	LIKE	No	Installation agent		E640 E650 E660 E670 E680 E690 E700	38
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST, DYNAMIC										
INSTALLTIME	DATETIME	INQ	MQMONITOR	INSTALLTIME	8	MAX	No	Installation time			37
INSTALLUSRID	CHAR	INQ	MQMONITOR	INSTALLUSRID	8	DIFF	No	Installation user ID		E640 E650 E660 E670 E680 E690 E700	36
MONDATA	CHAR	INQ	MQMONITOR	MONDATA	218	DIFF	No	Monitor data		E640 E650 E660 E670 E680 E690 E700	9
MONSTATUS	CVDAS	INQ	MQMONITOR	MONSTATUS	4	LIKE	Yes	Monitor status		E640 E650 E660 E670 E680 E690 E700	5
MONSTATUS Input/output valid values	STARTED, STOPPED										
MONSTATUS Output valid values	STARTING, STOPPING										
MONUSERID	CHAR	INQ	MQMONITOR	MONUSERID	8	DIFF	No	Monitor userid		E640 E650 E660 E670 E680 E690 E700	7
MQRGMTSTART	DATETIME	INQ	DFHMQRDS	MQR_start_time_gmt	8	MAX	No	GMT start time			26
MQRGMTSTOP	DATETIME	INQ	DFHMQRDS	MQR_stop_time_gmt	8	MAX	No	GMT stop time			28
MQRLCLSTART	DATETIME	INQ	DFHMQRDS	MQR_start_time_local	8	MAX	No	Local start time			27
MQRLCLSTOP	DATETIME	INQ	DFHMQRDS	MQR_stop_time_local	8	MAX	No	Local stop time			29
MQRQNAME	CHAR	STAT	DFHMQRDS	MQR_qname	48	DIFF	No	MQ queue name			13
MQRTBACKUOW	BINARY	STAT	DFHMQRDS	MQR_TBackUOW	4	AVG	No	Number of backout units of work			24
MQRTCLOSE	BINARY	STAT	DFHMQRDS	MQR_TCLOSE	4	AVG	No	Number of MQCLOSE requests			15

Table 762. MQMON resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
MQRTCOMMUOW	BINARY	STAT	DFHMQRDS	MQR_TCommUOW	4	AVG	No	Number of committed units of work			23
MQRTGET	BINARY	STAT	DFHMQRDS	MQR_TGET	4	AVG	No	Number of MQGET requests			16
MQRTGETWAIT	BINARY	STAT	DFHMQRDS	MQR_TGETWAIT	4	AVG	No	Number of MQGET with wait requests			17
MQRTINQ	BINARY	STAT	DFHMQRDS	MQR_TINQ	4	AVG	No	Number of MQINQ requests			20
MQRTINQL	BINARY	STAT	DFHMQRDS	MQR_TINQL	4	AVG	No	Number of MQINQL requests			21
MQRTOPEN	BINARY	STAT	DFHMQRDS	MQR_TOPEN	4	AVG	No	Number of MQOPEN requests			14
MQRTOTHER	BINARY	STAT	DFHMQRDS	MQR_TOther	4	AVG	No	Number of other MQ calls			25
MQRTPUT	BINARY	STAT	DFHMQRDS	MQR_TPUT	4	AVG	No	Number of MQPUT requests			18
MQRTPUT1	BINARY	STAT	DFHMQRDS	MQR_TPUT1	4	AVG	No	Number of MQPUT1 requests			19
MQRTSET	BINARY	STAT	DFHMQRDS	MQR_TSET	4	AVG	No	Number of MQSET requests			22
NAME-1	CHAR	INQ	MQMONITOR	MQMONITOR	8	DIF F	No	MQ monitor resource name			1
QNAME	CHAR	INQ	MQMONITOR	QNAME	48	DIF F	No	MQ queue name			2
TASKID	DECIMAL	INQ	MQMONITOR	TASKID	4	DIF F	No	Task number		E640 E650 E660 E670 E680 E690 E700	11
TRANSACTION	CHAR	INQ	MQMONITOR	TRANSACTION	4	DIF F	No	Monitor transaction		E640 E650 E660 E670 E680 E690 E700	6
USERID	CHAR	INQ			8	DIF F	No	Target userid		E640 E650 E660 E670 E680 E690 E700	8

## Chapter 324. MQMONDEF Resource Table

A CICS definition that describes the properties of a WebSphere MQ monitor.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a WebSphere MQ monitor definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionMQMonitor

### Length

424

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3842

<i>Table 763. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Value	Code	Description
1	MQMONDEF_INV_DATA	Attribute data invalid
2	MQMONDEF_REC_NOT_FOUND	Requested resource not found
4	MQMONDEF_REC_EXISTS	Resource already exists
5	MQMONDEF_REC_CHANGED	Resource definition already changed
6	MQMONDEF_INV_RESTYPE	Invalid resource type
7	MQMONDEF_INV_VER	Invalid resource version
11	MQMONDEF_NON_MP	Maintenance point CMAS not available
12	MQMONDEF_INV_CONTEXT	Context not found
13	MQMONDEF_INCONSISTENT_SET	Inconsistent set condition
14	MQMONDEF_INV_RESGROUP	Resource group not found
21	MQMONDEF_INV_ACTION	Invalid action
22	MQMONDEF_INV_RECADDR	Invalid record address
23	MQMONDEF_INV_RECLEN	Invalid record length
24	MQMONDEF_DIFF_VERSION	Different version
25	MQMONDEF_EARLY_NAMELIST_END	Early name list end
26	MQMONDEF_INV_NAMELIST	Invalid name list
27	MQMONDEF_INV_NAME	Invalid name
28	MQMONDEF_INV_MINNAME	Invalid minor name



Table 764. MQMONDEF FEEDBACK error codes (continued)

Value	Code	Description
29	MQMONDEF_NOTIFY	Notify
30	MQMONDEF_PARTIAL_INSTALL	Partial install
31	MQMONDEF_NOTHING_INSTALLED	Nothing installed
32	MQMONDEF_NO_TARGETS	No targets
33	MQMONDEF_NO_RELATED	No related systems
34	MQMONDEF_INV_TSCOPE	Invalid target scope
35	MQMONDEF_INV_RSCOPE	Invalid related scope
36	MQMONDEF_INV_USAGE	Invalid usage
37	MQMONDEF_INV_MODE	Invalid mode
38	MQMONDEF_INV_STATECHK	Invalid state check
39	MQMONDEF_INV_FORCEINS	Invalid force install
40	MQMONDEF_INV_NOTIFY	Invalid notify
41	MQMONDEF_INV_OVERTYPE	Invalid over type
42	MQMONDEF_INV_OVRBLOCK	Invalid override block
43	MQMONDEF_INV_ORSTRING	Invalid override string
44	MQMONDEF_INV_STRNGTERM	Invalid string term
45	MQMONDEF_INV_EMBEDTERM	Invalid embedded terminator
46	MQMONDEF_INV_ATTRIBUTE	Invalid attribute
47	MQMONDEF_INV_LITERAL	Invalid literal
48	MQMONDEF_INV_ORSTGNA	Invalid override string
49	MQMONDEF_SCOPE_REQUIRED	Scope required
50	MQMONDEF_USAGE_CONFLICT	Usage conflict
51	MQMONDEF_NODEFS_SELECTED	No definitions selected
52	MQMONDEF_MORE_THAN_1_RELSYS	More than one related system
53	MQMONDEF_MISSING_RELSYSID	Missing related system identifier
54	MQMONDEF_SCOPE_CONFLICT	Scope conflict
55	MQMONDEF_INV_CSDGROUP	Invalid CSD group
56	MQMONDEF_REC_NOT_REMOVED	Record not removed
57	MQMONDEF_INV_RESOURCE	Invalid resource
58	MQMONDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	MQMONDEF_PARTIAL_ACTION	Partial action
60	MQMONDEF_NOTHING_ACTIONED	Nothing actioned
61	MQMONDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 764. MQMONDEF FEEDBACK error codes (continued)

Value	Code	Description
62	MQMONDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	MQMONDEF_CSD_ERROR	CSD access error

Table 765. MQMONDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Inval id	Attr ID
AUTOSTART	EYUDA	CPSM	4	No	DIFF	Yes	Autostart status	YES			14
AUTOSTART Input/output valid values	YES, NO										
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	No	Last modification agent			E640 E650 E660 E670 E680 E690 E700	4
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI										
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	No	Last modification agent release			E640 E650 E660 E670 E680 E690 E700	7
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	No	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	No	Last modification user ID			E640 E650 E660 E670 E680 E690 E700	6
CREATETIME	DATETIME	CPSM	8	Yes	MAX	No	Time created				5
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	No	CSD group			E640 E650 E660 E670 E680 E690 E700	21
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	No	Version	0	0-15		10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	No	Description code page	37	0-99999999		25
DESCRIPTION	CHAR	CPSM	58	No	DIFF	No	Description				24
MONDATA	CHAR	CPSM	200	No	DIFF	No	Monitor data				19
MONUSERID	CHAR	CPSM	8	Yes	DIFF	No	Monitor userid				17
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	No	Name				12
QNAME	CHAR	CPSM	48	No	DIFF	No	MQ queue name				13
STATUS	CVDAS	CPSM	4	No	DIFF	Yes	Enabled status	ENABLED			15
STATUS Input/output valid values	ENABLED, DISABLED										
TRANSACTION	CHAR	CPSM	4	No	DIFF	No	Monitor transaction				16
USERDATA1	CHAR	CPSM	8	No	DIFF	No	User data area 1				20

Table 765. MQMONDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Set	Description	Default	Value Range	Get Inval id	Attr ID
USERDATA2	CHAR	CPSM	8	No	DIFF	No	User data area 2				22
USERDATA3	CHAR	CPSM	8	No	DIFF	No	User data area 3				23
USERID	CHAR	CPSM	8	No	DIFF	No	Target userid				18



## Chapter 325. MREMFIL Resource Table

A CICS Monitored resource that describes a subset of the remote file attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is FILE.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**External resource name**

**Length**

88

**Usage**

API or WUI or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1373

<i>Table 766. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

<i>Table 767. MREMFIL FEEDBACK error codes</i>		
Value	Code	Description
9	MREMFIL_NO_MON_DATA	No data for monitored resource
10	MREMFIL_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 768. MREMFIL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ADDCNT	BINARY	STAT	4	AVG	Number of WRITE requests	10
BROWSECNT	BINARY	STAT	4	AVG	Number of READNEXT and READPREV requests	9
CURREQRATE	RATE	CPSM	4	AVG	Request rate for current sample	13
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enable status	5
ENABLESTATUS Output valid values	ENABLED, DISABLED, UNENABLED, DISABLING					
<b>FILE-1</b>	CHAR	INQ	8	DIFF	File ID	2
GETCNT	BINARY	STAT	4	AVG	Number of READ Requests	7
GETUPDCNT	BINARY	STAT	4	AVG	Number of READ UPDATE requests	8
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	1
INTREQRATE	RATE	CPSM	4	AVG	Request rate for monitor interval	14
REMDELCNT	BINARY	STAT	4	AVG	Number of DELETE requests	6
REMOTENAME	CHAR	INQ	8	DIFF	Remote file name	3
REMOTESYSTEM	CHAR	INQ	4	DIFF	Remote system name	4
TOTLREQCNT	BINARY	CPSM	4	AVG	Total number of all requests	12
UPDATECNT	BINARY	STAT	4	AVG	Number of REWRITE requests	11

## Chapter 326. MREMTDQ Resource Table

A CICS Monitored resource that describes a subset of the remote transient data queue attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is TDQUEUE.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**External resource name**

**Length**

48

**Usage**

API or WUI or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1387

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Value	Code	Description
9	MREMTDQ_NO_MON_DATA	No data for monitored resource
10	MREMTDQ_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 771. MREMTDQ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
CUROUTQRATE	RATE	CPSM	4	AVG	Output rate for current sample	6
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval identifier	1
INTOUTQRATE	RATE	CPSM	4	AVG	Output rate for interval	7
OUTCNT	BINARY	STAT	4	SUM	Number of I/O requests	5
REMOTENAME	CHAR	INQ	4	DIFF	Remote name	3
REMOTESYSTEM	CHAR	INQ	4	DIFF	Remote system name	4
TDQUEUE-1	CHAR	INQ	4	DIFF	Queue identifier	2



## Chapter 327. MREMTRAN Resource Table

A CICS Monitored resource that describes a subset of the remote transaction attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is TRANID.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**External resource name**

**Length**

80

**Usage**

API or WUI or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1381

*Table 772. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

*Table 773. MREMTRAN FEEDBACK error codes*

Value	Code	Description
9	MREMTRAN_NO_MON_DATA	No data for monitored resource
10	MREMTRAN_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 774. MREMTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
CURAVGRES	AVERAGE	CPSM	4	MAX	Average response time for current sample	10
CURTRANRATE	RATE	CPSM	4	SUM	Transaction rate for current sample	7
INTAVGRES	AVERAGE	CPSM	4	MAX	Average response time for monitor interval	11
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	1
INTTRANRATE	RATE	CPSM	4	SUM	Transaction rate for monitor interval	8
IRIOTIME	INT16US	CMF	4	AVG	Interregion wait time	12
REMOTECNT	CNUMERIC	STAT	4	SUM	Number of times transaction run remotely	5
REMOTENAME	CHAR	INQ	4	DIFF	Remote transaction ID	3
REMOTESYSTEM	CHAR	INQ	4	DIFF	Remote system name	4
REMSTARTCNT	CNUMERIC	STAT	4	AVG	Number of times transaction started	14
RESPTIME	BINARY	CMF	4	AVG	Response time	9
TRANCLASS	CHAR	INQ	8	DIFF	Transaction class name	13
TRANID-1	CHAR	INQ	4	DIFF	Transaction	2
USECOUNT	BINARY	STAT	4	SUM	Number of times transaction has been used	6

## Chapter 328. MTDQGBL Resource Table

A CICS Monitored resource that describes a subset of the transient data queue attributes sampled by the CICSplex SM MAS Monitor agents.

The MTDQGBL resource class does not provide an explicit key attribute. The set of object instances returned is a function of the current scope in effect when the request is made.

The following actions are supported:

### DISCARD

Remove the Monitored resource instance.

### RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

### External resource name

#### Length

160

#### Usage

API or WUI or EVALDEF

#### API view

Yes

#### CMAS context

No

#### SCOPE applies

Yes

#### Only query CMASs in workload

No

#### Object type

CICS Monitored

#### Copybook identifier

EYUt1383

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Value	Code	Description
9	MTDQGBL_NO_MON_DATA	No data for monitored resource
10	MTDQGBL_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 777. MTDQGBL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ACCESSCNT	BINARY	STAT	4	AVG	Number of intrapartition accesses	4
BUFFERS	BINARY	STAT	4	AVG	Number of intrapartition buffers	2
BUFFWAITS	BINARY	STAT	4	AVG	Number of intrapartition buffer waits	8
CINUM	BINARY	STAT	4	AVG	Number of control intervals	11
CISIZE	BINARY	STAT	4	AVG	Control interval size	10
CURACCCNT	RATE	CPSM	4	AVG	Intrapartition access rate for current sample	5
CURBUFFWAIT	CNUMERIC	STAT	4	AVG	Number of current buffer waits	30
CURBUFVALDA	CNUMERIC	STAT	4	AVG	Number of current buffers with valid data	31
CURCONBUFAC	CNUMERIC	STAT	4	AVG	Number of current concurrent buffer accesses	29
CURCONSTRAC	CNUMERIC	STAT	4	AVG	Number of current concurrent string accesses	32
CURFULLPER	PERCENT	CPSM	4	AVG	Percentage buffer-full time for current sample	14
CURREADRATE	RATE	CPSM	4	AVG	Read rate for current sample	20
CURSTRWAITS	CNUMERIC	STAT	4	AVG	Number of current string waits	33
CURWRITRATE	RATE	CPSM	4	AVG	Write rate for current sample	18
FMTWRITE	BINARY	STAT	4	AVG	Number of formatting writes	22
INTACCCNT	RATE	CPSM	4	AVG	Intrapartition access rate for monitor interval	6
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	1
INTFULLPER	PERCENT	CPSM	4	AVG	Percentage buffer-full time for monitor interval	15
INTREADRATE	RATE	CPSM	4	AVG	Read rate for monitor interval	21
INTWRITRATE	RATE	CPSM	4	AVG	Write rate for monitor interval	19
IOERRS	BINARY	STAT	4	AVG	Number of I/O errors	23
NOSPACECNT	BINARY	STAT	4	AVG	Number of times NOSPACE occurred	13
NUMCTRLINTV	CNUMERIC	STAT	4	AVG	Number of control intervals in use	34
PEAKBWAIT	BINARY	STAT	4	AVG	Peak number of intrapartition buffer waits	9
PEAKACCESS	BINARY	STAT	4	AVG	Peak number of concurrent intrapartition accesses	7
PEAKCIUSE	BINARY	STAT	4	AVG	Peak number of control intervals used	12
PEAKQACTV	BINARY	STAT	4	AVG	Peak number of queues that contain data	3
PEAKSTRACC	BINARY	STAT	4	AVG	Peak number of concurrent string accesses	26
PEAKSTRWAIT	BINARY	STAT	4	AVG	Peak number of string waits	28
READS	BINARY	STAT	4	AVG	Number of reads from data set	17
STRACCESS	BINARY	STAT	4	AVG	Number of times string accessed	25
STRINGS	BINARY	STAT	4	AVG	Number of strings	24
STRNGWAITS	BINARY	STAT	4	AVG	Number of string waits	27
WRITES	BINARY	STAT	4	AVG	Number of writes to data set	16

## Chapter 329. MTERMNL Resource Table

A CICS Monitored resource that describes a subset of the terminal attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is TERMID.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**External resource name**

**Length**

136

**Usage**

API or WUI or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1378

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Value	Code	Description
9	MTERMNL_NO_MON_DATA	No data for monitored resource
10	MTERMNL_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 780. MTERMNL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ACQSTATUS	CVDAS	INQ	4	LIKE	Acquired status	26
ACQSTATUS Output valid values	ACQUIRED, RELEASED, ACQUIRING, NOTAPPLIC					
CURIMSGRATE	RATE	CPSM	4	AVG	Input message rate for current sample	11
CUROMSGRATE	RATE	CPSM	4	AVG	Output message rate for current sample	13
CURTRANRATE	RATE	CPSM	4	AVG	Transaction rate for current sample	16
DEVICE	CVDAT	INQ	4	LIKE	Device type	3
DEVICE Output valid values	BATCHLU, BIPROG, BISYNCH, CDRDLPR, CONTNLU, HARDCOPY, INTACTLU, ISCOMMCONV, LUCMODGRP, LUCSESS, LUTYPE4, LUTYPE6, MAGTAPE, RESSYS, SDLC, SEQDISK, SYSTEM3, SYSTEM7, SYS7BSCA, TCONSOLE, TELETYPE, TTCAM, TWX3335, T1050, T1053, T2260L, T2260R, T2265, T2740, T2741BCD, T2741COR, T2770, T2780, T3275R, T3277L, T3277R, T3284L, T3284R, T3286L, T3286R, T3600BI, T3601, T3614, T3650ATT, T3735, T3650PIPE, T3650USER, T3653HOST, T3740, T3780, T3790, T3790SCSP, T3790UP, T7770, VIDEOTERM					
INPMMSGCNT	BINARY	STAT	4	AVG	Number of input messages	9
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval ID	1
INTIMSGRATE	RATE	CPSM	4	AVG	Input message rate for monitor interval	12
INTOMSGRATE	RATE	CPSM	4	AVG	Output message rate for monitor interval	14
INTTRANRATE	RATE	CPSM	4	AVG	Transaction rate for monitor interval	17
LUNAME	CHAR	STAT	8	DIFF	LU name	24
NETNAME	CHAR	INQ	8	DIFF	Network name	7
OUTMSGCNT	BINARY	STAT	4	AVG	Number of output messages	10
PMSGCNT	CNUMERIC	STAT	4	AVG	Total pipeline-throwaway count	21
PMSGCONSEC	CNUMERIC	STAT	4	AVG	Maximum pipeline-throwaway count	23
PMSGGRPCNT	CNUMERIC	STAT	4	AVG	Number of consecutive pipeline-throwaways	22
POLLCNT	DECIMAL	STAT	4	AVG	Number of polls sent to terminal	8
REMOTENAME	CHAR	INQ	4	DIFF	Name of terminal in remote CICS	5
REMOTESYSTEM	CHAR	INQ	4	DIFF	Remote system name	6
SERVSTATUS	CVDAS	INQ	4	LIKE	Service status	4
SERVSTATUS Output valid values	INSERVICE, OUTSERVICE, GOINGOUT					
STGVCNT	CNUMERIC	STAT	4	AVG	Number of storage violations	18
STORAGE	CNUMERIC	STAT	4	AVG	Terminal input-output area (TIOA) storage	25
<b>TERMID-1</b>	CHAR	INQ	4	DIFF	Terminal ID	2
TERRCNT	BINARY	STAT	4	AVG	Number of transaction errors	20
TRANCNT	BINARY	STAT	4	AVG	Number of transactions	15
XERRCNT	BINARY	STAT	4	AVG	Number of transmission errors or disconnects	19

## Chapter 330. MTRANCLS Resource Table

A CICS Monitored resource that describes a subset of the transaction class attributes sampled by the CICSplex SM MAS Monitor agents.

The MTRANCLS resource class can be used to request object instances.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**External resource name**

**Length**

104

**Usage**

API or WUI or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1400

<i>Table 781. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

<i>Table 782. MTRANCLS FEEDBACK error codes</i>		
<b>Value</b>	<b>Code</b>	<b>Description</b>
9	MTRANCLS_NO_MON_DATA	No data for monitored resource
10	MTRANCLS_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 783. MTRANCLS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ACCEPTAFTRQD	CNUMERIC	STAT	4	AVG	Number of transactions accepted after being queued	10
ACCEPTIMMED	CNUMERIC	STAT	4	AVG	Number of transactions accepted immediately	9
ACTIVE	BINARY	INQ	4	SUM	Number of transactions currently active in class	3
ACTIVEPEAK	BINARY	STAT	4	MAX	Peak number of active transactions	13
ATTACHES	CNUMERIC	STAT	4	AVG	Total number of attach requests	6
CURQUEETIME	INTTSTP	STAT	8	AVG	Total time current transactions on queue	18
INSTALLDEFS	CNUMERIC	STAT	4	AVG	Number of transaction definitions installed	12
MAXACTIVE	BINARY	INQ	4	MAX	Maximum number of transactions allowed in class	2
NAME-1	CHAR	INQ	8	DIFF	Transaction class	1
PURGEIMMED	CNUMERIC	STAT	4	AVG	Number of transactions purged due to threshold	7
PURGETHRESH	CNUMERIC	INQ	4	AVG	Purge threshold	5
PURGEWHILEQD	CNUMERIC	STAT	4	AVG	Number of transactions purged while queued	11
PURGTHRTIMES	CNUMERIC	STAT	4	AVG	Number of times purge threshold met	16
QUEUED	CNUMERIC	INQ	4	AVG	Number of transactions currently queued	4
QUEUEDPEAK	CNUMERIC	STAT	4	AVG	Peak number of queued transactions	14
QUEUETIME	INTTSTP	STAT	8	AVG	Total time transactions queued	17
TIMESATMAX	BINARY	STAT	4	MAX	Times maximum active transactions reached	15
TOTQUEDCNT	CNUMERIC	STAT	4	AVG	Total number of transactions queued	8



## Chapter 331. MTSQGBL Resource Table

A CICS Monitored resource that describes a subset of the temporary storage queue attributes sampled by the CICSplex SM MAS Monitor agents.

The MTSQGBL resource class does not provide an explicit key attribute. The set of object instances returned is a function of the current scope in effect when the request is made.

The following actions are supported:

### DISCARD

Remove the Monitored resource instance.

### RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

### External resource name

#### Length

248

#### Usage

API or WUI or EVALDEF

#### API view

Yes

#### CMAS context

No

#### SCOPE applies

Yes

#### Only query CMASs in workload

No

#### Object type

CICS Monitored

#### Copybook identifier

EYUt1388

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

Value	Code	Description
9	MTSQGBL_NO_MON_DATA	No data for monitored resource
10	MTSQGBL_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 786. MTSQGBL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
AUXFULL	BINARY	STAT	4	AVG	Times auxiliary storage exhausted	23
BUFFERS	BINARY	STAT	4	AVG	Number of temporary storage buffers	26
BUFFWAITS	BINARY	STAT	4	AVG	Count of buffer waits	28
BUFREADS	BINARY	STAT	4	AVG	Buffer reads	32
BUFWRITES	BINARY	STAT	4	AVG	Buffer writes	30
BYTESPERCI	BINARY	STAT	4	AVG	Available bytes per control interval	50
BYTESPERSEG	BINARY	STAT	4	AVG	Bytes per segment	52
CINUM	BINARY	STAT	4	AVG	Number of control intervals in data set	21
CISINUSE	BINARY	STAT	4	AVG	Number of control intervals in use	47
CISIZE	BINARY	STAT	4	AVG	Control interval size	19
COMPRESSIONS	BINARY	STAT	4	AVG	Number of temporary storage compressions	46
CURAGETQRATE	RATE	CPSM	4	AVG	GetQ auxiliary rate current sample	13
CURAPUTQRATE	RATE	CPSM	4	AVG	PutQ auxiliary rate current sample	11
CURBHITRATE	RATE	CPSM	4	AVG	Buffer read hit rate for current sample	33
CURFULLPER	PERCENT	CPSM	4	AVG	Auxiliary storage % full for current sample	24
CURMGETQRATE	RATE	CPSM	4	AVG	GetQ main rate current sample	6
CURMPUTQRATE	RATE	CPSM	4	AVG	PutQ main rate current sample	4
CURREADRATE	RATE	CPSM	4	AVG	Read rate for current sample	37
CURRUWBFR	BINARY	STAT	4	AVG	Current users waiting on buffer	43
CURRUWSTR	BINARY	STAT	4	AVG	Current users waiting on string	42
CURWRITRATE	RATE	CPSM	4	AVG	Write rate for current sample	35
ENTLGQUE	BINARY	STAT	4	AVG	Entries in longest queue	16
EXTTHRESHOLD	BINARY	STAT	4	AVG	Queue extension threshold	53
FMTWRT	BINARY	STAT	4	AVG	Number of format writes	39
GETQAU	BINARY	STAT	4	AVG	Get/GetQ auxiliary	10
GETQMAIN	BINARY	STAT	4	AVG	Get/Getq main	3
INTAGETQRATE	RATE	CPSM	4	AVG	GetQ auxiliary rate for interval	14
INTAPUTQRATE	RATE	CPSM	4	AVG	PutQ auxiliary rate for interval	12
INTBHITRATE	RATE	CPSM	4	AVG	Buffer read hit rate for interval	34
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval identifier	1
INTFULLPER	PERCENT	CPSM	4	AVG	Auxiliary storage % full for interval	25
INTMGETQRATE	RATE	CPSM	4	AVG	GetQ main rate for interval	7
INTMPUTQRATE	RATE	CPSM	4	AVG	PutQ main rate for interval	5
INTREADRATE	RATE	CPSM	4	AVG	Read rate for interval	38
INTWRITRATE	RATE	CPSM	4	AVG	Write rate for interval	36
IOERRS	BINARY	STAT	4	AVG	Number of I/O errors on DSN	44
LONGAUXREC	BINARY	STAT	4	AVG	Longest auxiliary record length	49
NAMESINUSE	BINARY	STAT	4	AVG	Number of temporary storage names in use	48

Table 786. MTSQGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
PEAKCIUSE	BINARY	STAT	4	AVG	Peak CIs used	22
PEAKQUES	BINARY	STAT	4	AVG	Peak queue names in use	15
PEAKSTG	BINARY	STAT	4	AVG	Peak storage	8
PEAKUSDSTR	BINARY	STAT	4	AVG	Peak strings in use	40
PEAKUWBUF	BINARY	STAT	4	AVG	Peak users waiting on buffers	29
PEAKUWSTR	BINARY	STAT	4	AVG	Peak users waiting on strings	41
PUTQAUX	BINARY	STAT	4	AVG	Put/PutQ auxiliary	9
PUTQMAIN	BINARY	STAT	4	AVG	Put/PutQ main	2
QUECRECNT	BINARY	STAT	4	AVG	Times queues created	17
QUEXTENDS	BINARY	STAT	4	AVG	Queue extensions created	18
SEGSPERCI	BINARY	STAT	4	AVG	Segments per control interval	51
SHRDPOOLCONN	CNUMERIC	STAT	4	AVG	Number of shared pools that CICS is connected to	55
SHRDPOOLDEF	CNUMERIC	STAT	4	AVG	Shared pools defined	54
SHRDREADREQ	CNUMERIC	STAT	4	AVG	Shared read requests	56
SHRDWRITEREQ	CNUMERIC	STAT	4	AVG	Shared write requests	57
STRINGS	BINARY	STAT	4	AVG	Number of temporary storage strings	27
STRINGWAIT	BINARY	STAT	4	AVG	Number of string waits	45
WRTFRECVR	BINARY	STAT	4	AVG	Buffer writes forced for recovery	31
WRTGTCISZ	BINARY	STAT	4	AVG	Writes greater than CISIZE	20



## Chapter 332. MVSESTG Resource Table

A CICS Resource that describes an MVS storage element for a TCB in the CICS address space.

The **Primary** key field for this resource class is TCBADDRESS.

The **Secondary** key field for this resource class is ELEMENTADDR.

There are no object specific actions for this resource class.

**External resource name**

CICSMVSStorageArea

**Length**

40

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0141

Table 787. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 788. MVSESTG resource table attributes									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		
<b>ELEMENTADDR-2</b>	HEX	INQ			4	MAX	Storage element address		2
ELEMENTLEN	BINARY	INQ			4	SUM	Element length		3
INUSELENGTH	BINARY	INQ			4	AVG	Element length in use	E640	6
STORAGEKEY	BINARY	INQ			4	AVG	Storage key	E640	5
SUBPOOLNUM	BINARY	INQ			4	AVG	Subpool number		4
<b>TCBADDRESS-1</b>	HEX	INQ			4	MAX	Address of MVS TCB		1



## Chapter 333. MVSTCBGL Resource Table

A CICS Resource that provides information about all the MVS TCBs in the CICS address space.

The MVSTCBGL resource does not provide an explicit key attribute. The set of object instances returned is a function of the scope in effect when the request is made.

There are no object specific actions for this resource class.

**External resource name**

CICSGlobalMVSTCBStatistics

**Length**

72

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0143

Table 789. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 790. MVSTCBGL resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
CICSTBCOUNT	BINARY	STAT	DFHDSTDS	DSTDS_CICSTCB_COUNT	4	SUM	Current CICS TCBs	1
CICSTCBSTGA	BINARY	STAT	DFHDSTDS	DSTDS_CICSTCB_STG_ABOVE	4	SUM	Storage above 16M for CICS TCBs	7
CICSTCBSTGAI	BINARY	STAT			4	SUM	Storage in use above 16M	13
CICSTCBSTGB	BINARY	STAT	DFHDSTDS	DSTDS_CICSTCB_STG_BELOW	4	SUM	Storage below 16M for CICS TCBs	5
CICSTCBSTGBI	BINARY	STAT			4	SUM	Storage below 16M in use by CICS TCBs	12
CICSTCBTIME	INTTSTP	STAT	DFHDSTDS	DSTDS_CICSTCB_CPU TIME	8	SUM	CPU time used by current attached CICS TCBs	3

Table 790. MVSTCBGL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
NCICSTCBGAI	BINARY	STAT			4	SUM	Storage above 16M in use by non-CICS TCBs	15
NCICSTCBGBI	BINARY	STAT			4	SUM	Storage in use below 16M	14
NCICSTCBSTGA	BINARY	STAT	DFHDSTDS	DSTDS_NONCICS TCB_STG_ABOVE	4	SUM	Storage above 16M for non-CICS TCBs	8
NCICSTCBSTGB	BINARY	STAT	DFHDSTDS	DSTDS_NONCICS TCB_STG_BELOW	4	SUM	Storage below 16M for non-CICS TCBs	6
NCICSTCBTIME	INTTSTP	STAT	DFHDSTDS	DSTDS_NONCICS TCB_CPU TIME	8	SUM	CPU time used by current attached non-CICS TCBs	4
NONCICSTCBCT	BINARY	STAT	DFHDSTDS	DSTDS_NONCICS TCB_COUNT	4	SUM	Current non-CICS TCBs	2



## Chapter 334. MVSTCB Resource Table

A CICS Resource that describes an MVS TCB in the CICS address space.

The **Primary** key field for this resource class is TCBADDRESS.

There are no object specific actions for this resource class.

**External resource name**

CICSMVSTCB

**Length**

72

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0142

Table 791. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 792. MVSTCB resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
<b>TCBADDRESS-1</b>	HEX	STAT	DFHDSRDS	DSRDS_TCB_ADD RESS	4	MAX	TCB address	1
TCBCICSTASK	DECIMAL	STAT	DFHDSRDS	DSRDS_TCB_CICS _TASK	4	MAX	CICS task number	9
TCBCPUTIME	INTTSTP	STAT	DFHDSRDS	DSRDS_TCB_CPUT IME	8	MAX	CPU time used by the TCB	4
TCBDAUGHTER	HEX	STAT	DFHDSRDS	DSRDS_TCB_DAU GHTER	4	MAX	Daughter TCB	8
TCBMOTHER	HEX	STAT	DFHDSRDS	DSRDS_TCB_MOT HER	4	MAX	Mother TCB	6
TCBNAME	CHAR	STAT	DFHDSRDS	DSRDS_TCB_NAM E	8	DIFF	TCB name	2

Table 792. MVSTCB resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
TCBSISTER	HEX	STAT	DFHDSRDS	DSRDS_TCB_SISTER	4	MAX	Sister TCB	7
TCBSTGABOVE	BINARY	STAT	DFHDSRDS	DSRDS_TCB_STG_ABOVE	4	SUM	Private storage allocated above 16M	5
TCBSTGAINUSE	BINARY	STAT			4	SUM	Private storage in use above 16M	15
TCBSTGBELOW	BINARY	STAT	DFHDSRDS	DSRDS_TCB_STG_BELOW	4	SUM	Private storage allocated below 16M	3
TCBSTGBINUSE	BINARY	STAT			4	SUM	Private storage in use below 16M	14
TCBTYPE	CVDAS	STAT			4	LIKE	TCB type	13
TCBTYPE Output valid values	CICS, NONCICS							

## Chapter 335. MVSWLM Resource Table

A CICS Resource that provides the z/OS Workload Manager (WLM) information in an active system being managed by CICSplex SM.

The MVSWLM resource class does not provide an explicit key attribute. The set of object instances returned is a function of the scope in effect when the request is made.

There are no object specific actions for this resource class.

**External resource name**

CICSMVSWLM

**Length**

128

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0126

<i>Table 793. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	OPEN	None	N/A
	CLOSE	None	N/A
	IMMCLOSE	None	N/A

<i>Table 794. MVSWLM FEEDBACK error codes</i>		
Value	Code	Description
21	MVSWLM_ACTNOT_SUPPORTED	Action not supported

<i>Table 795. MVSWLM resource table attributes</i>										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name		

Table 795. MVSWLM resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		
MNGMCHTP	CHAR	STAT			4	DIFF	No	CEC machine type		19
MNGMDLID	CHAR	STAT			16	DIFF	No	CEC model number		20
MNGWLMAD	BINARY	INQ	WLMHEALTH	ADJUSTMENT	4	LIKE	Yes	Adjustment value for z/OS WLM health	E640 E650 E660 E670 E680 E690 E700	21
MNGWLMCC	EYUDA	STAT			4	LIKE	No	CPU critical		14
MNGWLMCC Output valid values	YES, NO, NOTAPPLIC									
MNGWLMGI	BINARY	STAT			2	SUM	No	Goal importance		16
MNGWLMGM	EYUDA	STAT			4	SUM	No	Goal management		17
MNGWLMGM Output valid values	TRANSACTION, REGION, BOTH, NOTAPPLIC									
MNGWLMGT	EYUDA	STAT			4	LIKE	No	Goal type		12
MNGWLMGT Output valid values	VELOCITY, DISCRETIONRY, SYSTEM, NOTAPPLIC									
MNGWLMGV	BINARY	STAT			4	SUM	No	Velocity goal value		13
MNGWLMHL	CNUMERIC	INQ	WLMHEALTH	HEALTH	4	LIKE	No	z/OS WLM health	E640 E650 E660 E670 E680 E690 E700	22
MNGWLMHT	DATETIME	INQ			8	LIKE	No	Last time z/OS WLM health was updated	E640 E650 E660 E670 E680 E690 E700	23
MNGWLMIN	BINARY	INQ	WLMHEALTH	INTERVAL	4	LIKE	Yes	Time interval (seconds) between z/OS WLM health updates	E640 E650 E660 E670 E680 E690 E700	24
MNGWLMMD	EYUDA	STAT	DFHMNGDS	MNGWLMMD	4	LIKE	No	Goal mode		5
MNGWLMMD Output valid values	YES, NO									
MNGWLMOS	CVDAS	INQ	WLMHEALTH	OPENSTATUS	4	LIKE	Yes	z/OS WLM health open status	E640 E650 E660 E670 E680 E690 E700	25
MNGWLMOS Input/output valid values	OPEN, CLOSED, IMM CLOSE									
MNGWLMOS Output valid values	OPENING, CLOSING, IMM CLOSING									
MNGWLMRC	CHAR	STAT	DFHMNGDS	MNGWLMRC	8	DIFF	No	Report class		9

Table 795. MVSWLM resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
MNGWLMRG	CHAR	STAT	DFHMNGDS	MNGWLMRG	8	DIFF	No	Resource group		10
MNGWLMSC	CHAR	STAT	DFHMNGDS	MNGWLMSC	8	DIFF	No	Service class		8
MNGWLMSK	EYUDA	STAT			4	LIKE	No	Storage critical		15
MNGWLMSK Output valid values	YES, NO, NOTAPPLIC									
MNGWLMST	EYUDA	STAT	DFHMNGDS	MNGWLMST	4	LIKE	No	WLM server		6
MNGWLMST Output valid values	YES, NO									
MNGWLMWN	CHAR	STAT	DFHMNGDS	MNGCECID	8	DIFF	No	Workload name		11



## Chapter 336. MXTRATDQ Resource Table

A CICS Monitored resource that describes a subset of the extrapartition transient data queue attributes sampled by the CICSplex SM MAS Monitor agents.

The **Primary** key field for this resource class is TDQUEUE.

The following actions are supported:

**DISCARD**

Remove the Monitored resource instance.

**RESET**

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

**External resource name**

**Length**

48

**Usage**

API or WUI or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Monitored

**Copybook identifier**

EYUt1384

<i>Table 796. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	RESET	None	N/A

<i>Table 797. MXTRATDQ FEEDBACK error codes</i>		
Value	Code	Description
9	MXTRATDQ_NO_MON_DATA	No data for monitored resource
10	MXTRATDQ_MON_SYSDEF_REQ	Monitored resource required by Real Time Analysis (RTA)

Table 798. MXTRATDQ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
CUROUTQRATE	RATE	CPSM	4	AVG	Output rate for current sample	6
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status	3
ENABLESTATUS Output valid values	ENABLED, DISABLED					
INTERVALID	TIMESTP	CPSM	8	LIKE	Interval identifier	1
INTOUTQRATE	RATE	CPSM	4	AVG	Output rate for interval	7
OPENSTATUS	CVDAS	INQ	4	LIKE	Open status	4
OPENSTATUS Output valid values	OPEN, CLOSED, OPENING, CLOSING, SWITCHING					
OUTCNT	BINARY	STAT	4	AVG	Number of READ and WRITE requests	5
<b>TDQUEUE-1</b>	CHAR	INQ	4	DIFF	Queue identifier	2



## Chapter 337. NODEJSAP Resource Table

A CPSM resource that provides information about Node.js applications.

The **Primary** key field for this resource class is NODEJSAP.

The following actions are supported:

### INQUIRE

Retrieve information about a NODEJSAPP resource.

### External resource name

CICSNodeJSApp

### Length

1984

### Usage

API or CICS Management Client Interface

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0222

Table 799. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 800. NODEJSAP resource table attributes									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		
BASDEFINEVER	BINARY	CPSM			1	AVG	BAS resource definition version	0	13
BUNDLE	CHAR	INQ	NODEJSAPP	BUNDLE	8	DIFF	Bundle name		3
CHANGEAGENT	CVDAS	INQ	NODEJSAPP	CHANGEAGENT	4	LIKE	Last modification agent		4
CHANGEAGENT Input/ output valid values	CSDAPI, CSDBATCH, DREPAPI, CREATESPI, NOTAPPLIC								
CHANGEAGREL	CHAR	INQ	NODEJSAPP	CHANGEAGREL	4	DIFF	Last modification agent release		5
CHANGETIME	DATETIME	INQ	NODEJSAPP	CHANGETIME	8	MAX	Last modification time		11

Table 800. NODEJSAP resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Attr ID
CHANGEUSRID	CHAR	INQ	NODEJSAPP	CHANGEUSRID	8	DIFF	Last modification user ID		6
CPUTOTAL	BINARY	STAT	DFHJSJNDS	SJN_NODEJSAPP_CPU	8	AVG	Node.js Application total processor time		29
DEFINESOURCE	CHAR	INQ	NODEJSAPP	DEFINESOURCE	8	DIFF	Source of the resource definition		7
DEFINETIME	DATETIME	INQ	NODEJSAPP	DEFINETIME	8	MAX	Creation time		10
ENABLESTATUS	CVDAS	CPSM	NODEJSAPP	ENABLESTATUS	4	LIKE	Enabled status		2
ENABLESTATUS Input/output valid values	ENABLED, DISABLED, FAILED								
ENABLESTATUS Output valid values	ENABLING, DISABLING								
HEAPAPPD	BINARY	STAT	DFHJSJNDS	SJN_NODEJSAPP_HEAP_APP_DATA	8	AVG	Heap used on data		32
HEAPCUR	BINARY	STAT	DFHJSJNDS	SJN_NODEJSAPP_HEAP_CURRENT	8	AVG	Current heap size		30
HEAPMAX	BINARY	STAT	DFHJSJNDS	SJN_NODEJSAPP_HEAP_MAX	8	AVG	Maximum heap size		33
HEAPRUNT	BINARY	STAT	DFHJSJNDS	SJN_NODEJSAPP_HEAP_RUNTIME	8	AVG	Heap used by runtime		31
INSTALLAGENT	CVDAS	INQ	NODEJSAPP	INSTALLAGENT	4	LIKE	Installation agent		8
INSTALLAGENT Input/output valid values	BUNDLE								
INSTALLTIME	DATETIME	INQ			8	MAX	Installation time		12
INSTALLUSRID	CHAR	INQ	NODEJSAPP	INSTALLUSRID	8	DIFF	Installation user ID		9
INVKCOMP	BINARY	STAT	DFHJSJNDS	SJN_NODEJSAPP_INVK	4	AVG	Completed invokes		36
INVKCUR	BINARY	STAT	DFHJSJNDS	SJN_NODEJSAPP_INVK_CUR	4	AVG	Invokes in progress		38
INVKERR	BINARY	STAT	DFHJSJNDS	SJN_NODEJSAPP_INVK_ERR	4	AVG	Completed invokes in error		37
INVKPEAK	BINARY	STAT	DFHJSJNDS	SJN_NODEJSAPP_INVK_PEAK	4	AVG	Peak invokes		39
LERUNOPTS	CHAR	INQ	NODEJSAPP	ENABLESTATUS	8	DIFF	LE runtime options program		15
LOG	CHAR	INQ	NODEJSAPP	ENABLESTATUS	255	DIFF	Node.js LOG file		34
NAME-1	CHAR	INQ	NODEJSAPP		32	DIFF	Name		1
NODEHOME	CHAR	INQ	NODEJSAPP	ENABLESTATUS	255	DIFF	Node.js installation home directory		27
PID	BINARY	INQ	NODEJSAPP	PID	4	MIN	Node.js Application process ID number		16
PROFILE	CHAR	INQ	NODEJSAPP	ENABLESTATUS	255	DIFF	Node.js Profile file		17
STARTSCRIPT	CHAR	INQ	NODEJSAPP	ENABLESTATUS	255	DIFF	Node.js starting script		19
STDERR	CHAR	INQ	NODEJSAPP	ENABLESTATUS	255	DIFF	Node.js STDERR file		23
STDOUT	CHAR	INQ	NODEJSAPP	ENABLESTATUS	255	DIFF	Node.js STDOUT file		21
TRACE	CHAR	INQ	NODEJSAPP	ENABLESTATUS	255	DIFF	Node.js TRACE file		25

## Chapter 338. OBJACT Resource Table

A CPSM MetaData resource that describes the existence of an object specific action for a CICSplex SM managed object

The **Primary** key field for this resource class is OBJECT.

The **Secondary** key field for this resource class is TABLEVER.

The **Tertiary** key field for this resource class is ACTION.

There are no object specific actions for this resource class.

### External resource name

#### Length

96

#### Usage

API

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Metadata

#### Copybook identifier

EYUt2579

Table 801. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 802. OBJACT resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
<b>ACTION-3</b>	CHAR	CPSM	12	DIFF	Action name	6
APIPERFORM	CHAR	CPSM	1	LIKE	Valid for EXEC CPSM PERFORM	18
APIPERFORM Input/output valid values	Y (YES) - Valid for PERFORM, N (NO) - Not valid for PERFORM					
DESCRIPTION	CHAR	CPSM	50	DIFF	Description	15
ID	BINARY	CPSM	4	AVG	Action number	16
<b>OBJECT-1</b>	CHAR	CPSM	8	DIFF	Object name	4
PARMCOUNT	BINARY	CPSM	4	AVG	Parameter count	17
<b>TABLEVER-2</b>	BINARY	CPSM	2	AVG	Object table version	5
VALCICES2	BIT	CPSM	1	LIKE	Not valid in CICS/ESA byte 2	13
VALCICES2 Input/output valid values	128 (E630) - CICS for MVS/ESA 630, 64 (E640) - CICS for MVS/ESA 640, 32 (E650) - CICS for MVS/ESA 650, 16 (E660) - CICS for MVS/ESA 660, 8 (E670) - CICS for MVS/ESA 670, 4 (E680) - CICS for MVS/ESA 680, 2 (E690) - CICS for MVS/ESA 690, 1 (E700) - CICS for MVS/ESA 700					

Table 802. OBJACT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
VALCICSES3	BIT	CPSM	1	LIKE	Not valid in CICS/ESA byte 3	14
VALCICSES3 Input/output valid values	128 (E710) - CICS for MVS/ESA 710, 64 (E720) - CICS for MVS/ESA 720					
VALCICSESA	BIT	CPSM	1	LIKE	Not valid in CICS/ESA	7
VALCICSESA Input/output valid values	128 (M212) - CICS/MVS 212, 64 (E330) - CICS/ESA 330, 32 (E410) - CICS/ESA 410, 16 (E510) - CICS for MVS/ESA 510, 8 (E520) - CICS for MVS/ESA 520, 4 (E530) - CICS for MVS/ESA 530, 2 (E610) - CICS for MVS/ESA 610, 1 (E620) - CICS for MVS/ESA 620					
VALCICSOS2	BIT	CPSM	1	LIKE	Not valid in CICS OS/2	9
VALCICSOS2 Input/output valid values	128 (O201) - CICS OS/2 201, 64 (O300) - CICS OS/2 300, 32 (O311) - CICS OS/2 310					
VALCICSVSE	BIT	CPSM	1	LIKE	Not valid in CICS/VSE	8
VALCICSVSE Input/output valid values	128 (V220) - CICS/VSE 220, 64 (V230) - CICS/VSE 230, 32 (V410) - CICS/VSE 410					
VALCICSWNT	BIT	CPSM	1	LIKE	Not valid in CICS for Windows	12
VALCICSWNT Input/output valid values	128 (N430) - CICS for Windows 430, 64 (N500) - CICS for Windows 500					

## Chapter 339. OBJECT Resource Table

A CPSM MetaData resource that describes the characteristics of a CICSplex SM managed object.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

**Length**  
160

**Usage**  
API

**API view**  
No

**CMAS context**  
No

**SCOPE applies**  
No

**Only query CMASs in workload**  
No

**Object type**  
CICSplex SM Metadata

**Copybook identifier**  
EYUt2578

Table 803. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 804. OBJECT resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
APIPREFIX	CHAR	CPSM	1	LIKE	Requires API prefix	42
APIPREFIX Input/output valid values	Y (YES) - Required, N (NO) - Not required					
CMASCONTEXT	CHAR	CPSM	1	DIFF	Context is CMAS	41
CMASCONTEXT Input/output valid values	Y (YES) - CMAS required, N (NO) - CMAS not required					
CREATEREL	CHAR	CPSM	4	DIFF	CPSM release object created	10
CURACTVAL	CHAR	CPSM	1	DIFF	Actions defined	29
CURACTVAL Input/output valid values	Y (YES) - Actions defined, N (NO) - No actions					
CURCPSMREL	CHAR	CPSM	4	DIFF	CPSM release version created	20
CURCREVAL	CHAR	CPSM	1	DIFF	Create valid	26
CURCREVAL Input/output valid values	Y (YES) - Valid, N (NO) - Not valid					
CURDESC	CHAR	CPSM	50	DIFF	Table description	38
CURGETVAL	CHAR	CPSM	1	DIFF	Get valid	24
CURGETVAL Input/output valid values	Y (YES) - Valid, N (NO) - Not valid					
CURNUMATTR	BINARY	CPSM	2	AVG	Current number attributes	15

Table 804. OBJECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
CURREMVAL	CHAR	CPSM	1	DIFF	Remove valid	28
CURREMVAL Input/output valid values	Y (YES) - Valid, N (NO) - Not valid					
CURSETVAL	CHAR	CPSM	1	DIFF	Set valid	25
CURSETVAL Input/output valid values	Y (YES) - Valid, N (NO) - Not valid					
CURSTGSIZE	BINARY	CPSM	2	AVG	Current table storage size	17
CURTBIVER	BINARY	CPSM	2	AVG	Current table version	14
CURUPDVAL	CHAR	CPSM	1	DIFF	Update valid	27
CURUPDVAL Input/output valid values	Y (YES) - Valid, N (NO) - Not valid					
CURVALES2	BIT	CPSM	1	LIKE	Not valid in CICS Transaction Server for z/OS byte 2	45
CURVALES2 Input/output valid values	128 (E630) - CICS Transaction Server for z/OS, Version 2 Release 3, 64 (E640) - CICS Transaction Server for z/OS, Version 3 Release 1, 32 (E650) - CICS Transaction Server for z/OS, Version 3 Release 2, 16 (E660) - CICS Transaction Server for z/OS, Version 4 Release 1, 8 (E670) - CICS Transaction Server for z/OS, Version 4 Release 2, 4 (E680) - CICS Transaction Server for z/OS, Version 5 Release 1, 2 (E690) - CICS Transaction Server for z/OS, Version 5 Release 2, 1 (E700) - CICS Transaction Server for z/OS, Version 5 Release 3					
CURVALES3	BIT	CPSM	1	LIKE	Not valid in CICS Transaction Server for z/OS byte 3	50
CURVALES3 Input/output valid values	128 (E710) - CICS Transaction Server for z/OS, Version 5 Release 4, 64 (E720) - CICS Transaction Server for z/OS, Version 5 Release 5					
CURVALESA	BIT	CPSM	1	LIKE	Not valid in CICS/ESA	30
CURVALESA Input/output valid values	128 (M212) - CICS/MVS 212, 64 (E330) - CICS/ESA 330, 32 (E410) - CICS/ESA 410, 16 (E510) - CICS Transaction Server for OS/390, Release 1, 8 (E520) - CICS Transaction Server for OS/390, Release 2, 4 (E530) - CICS Transaction Server for OS/390, Release 3, 2 (E610) - CICS Transaction Server for z/OS, Version 2 Release 1, 1 (E620) - CICS Transaction Server for z/OS, Version 2 Release 2					
CURVALOS2	BIT	CPSM	1	LIKE	Not valid in CICS OS/2	32
CURVALOS2 Input/output valid values	128 (O201) - CICS OS/2 201, 64 (O300) - CICS OS/2 300, 32 (O311) - CICS OS/2 310					
CURVALRTA	CHAR	CPSM	1	DIFF	Valid for real time analysis	22
CURVALRTA Input/output valid values	Y (YES) - Valid, N (NO) - Not valid					
CURVALUTL	CHAR	CPSM	1	DIFF	Valid for batch	23
CURVALUTL Input/output valid values	Y (YES) - Valid, N (NO) - Not valid					
CURVALVSE	BIT	CPSM	1	LIKE	Not valid in CICS/VSE	31
CURVALVSE Input/output valid values	128 (V220) - CICS/VSE 220, 64 (V230) - CICS/VSE 230, 32 (V410) - CICS/VSE 410					
CURVALWNT	BIT	CPSM	1	LIKE	Not valid in CICS for Windows	35
CURVALWNT Input/output valid values	128 (N430) - CICS for Windows 430, 64 (N500) - CICS for Windows 500					
CURVALWUI	CHAR	CPSM	1	LIKE	Valid as WUI view object	49
CURVALWUI Input/output valid values	Y (YES) - Valid, N (NO) - Not valid					
HIGHTBLVER	BINARY	CPSM	2	AVG	Highest known table version	7
ID	RESTYPE	CPSM	2	LIKE	Object resource type	46
MODELNAME	CHAR	CPSM	50	DIFF	Model name	47
NAME-1	CHAR	CPSM	8	DIFF	Object name	4
NUMTBLVER	BINARY	CPSM	2	AVG	Number of table elements known	6
OBJTYPE	CHAR	CPSM	1	DIFF	Object class type	12
OBJTYPE Input/output valid values	C (CICSRES) - CICS Resource, M (MONCRES) - Monitored CICS Resource, D (CPSMDEF) - CPSM Definition, V (CPSMRES) - CPSM Resource, O (METADEF) - CPSM Metadata, N (CPSMNTF) - CPSM Notification, R (CICSDEF) - CICS Resource Definition, L (CPSMCFG) - CPSM Configuration Definition					
OWNERNAME	CHAR	CPSM	3	DIFF	Owning major object name	9
QUERYREL	CHAR	CPSM	4	DIFF	CPSM release of querying CMAS	11
RELTBLVER	BINARY	CPSM	2	AVG	Table version at this CPSM release	8

Table 804. OBJECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
SCOPEREQ	CHAR	CPSM	1	LIKE	Scope required	44
SCOPEREQ Input/output valid values	Y (YES) - Scope required, N (NO) - Scope not required					
SCOPE SORT	CHAR	CPSM	1	LIKE	Sort by scope	43
SCOPE SORT Input/output valid values	Y (YES) - Sort by scope, N (NO) - No scope sort					
VIEWMOD	CHAR	CPSM	1	DIFF	Eligible for SPECIFY VIEW command	40
VIEWMOD Input/output valid values	Y (YES) - Valid, N (NO) - Not valid					





## Chapter 340. OBJSTAT Resource Table

A CPSM MetaData resource that describes control status information about a resource table instance contained in a result set.

The **Primary** key field for this resource class is RECORDNUM.

There are no object specific actions for this resource class.

OBJSTAT does not participate in summary operations.

**External resource name**

**Length**

256

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Metadata

**Copybook identifier**

EYUt2594

Table 805. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 806. OBJSTAT resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
CICSNAME	CHAR	CPSM	8	LIKE	CICS system name	3
CICSREL	CHAR	CPSM	4	LIKE	CICS release number	4
CNTRECORDS	BINARY	CPSM	4	LIKE	Detail record count for summary	10
CONTEXT	CHAR	CPSM	8	LIKE	Context	2
KEYDATA	CHAR	CPSM	44	LIKE	Native key	12
KEYLEN	BINARY	CPSM	2	LIKE	Length of key data	11
LASTOPER	BINARY	CPSM	1	LIKE	Last operation type	8
LASTOPER Input/output valid values	1 (COPY) - Copy operation, 2 (DELETE) - Delete operation, 3 (GET) - Get operation, 4 (MARK) - Mark operation, 5 (REFRESH) - Refresh operation, 6 (PERFOBJ) - Perform Object operation, 7 (PERFSET) - Perform Set operation, 8 (SET) - Set operation, 9 (UNMARK) - Unmark operation					
OBJECT	CHAR	CPSM	8	LIKE	Object name	5
OBJTYPE	BINARY	CPSM	1	LIKE	Object type	6
OBJTYPE Input/output valid values	1 (RESOURCE) - CPSM Resource, 2 (VIEW) - Logical View					

Table 806. OBJSTAT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
RECORDNUM-1	BINARY	CPSM	4	LIKE	Record number	1
RECTYPE	BINARY	CPSM	1	LIKE	Record type	7
RECTYPE Input/output valid values	1 (DETAIL) - Detail data, 2 (SUMMARY) - Summarized data					
RESERVE1	CHAR	CPSM	170	LIKE	Reserved	13
STATUS	BIT	CPSM	1	LIKE	Record status	9
STATUS Input/output valid values	128 (MARKED) - Record marked, 1 (OPERERR) - Operation error					

# Chapter 341. OSGIBUND Resource Table

A CICS resource that provides information about OSGi bundles.

The **Primary** key field for this resource class is OSGIBUND.

The **Secondary** key field for this resource class is JVMSERVER.

The **Tertiary** key field for this resource class is OSGIVERSION.

The following actions are supported:

### INQUIRE

Retrieve information about an OSGi bundle that is installed in a JVM server.

### External resource name

CICSOSGiBundle

### Length

872

### Usage

API or WUI or CICS Management Client Interface

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0208

Table 807. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 808. OSGIBUND resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
BUNDLE	CHAR	INQ	OSGIBUNDLE	BUNDLE	8	DIFF	CICS BUNDLE name	17
BUNDLEPART	CHAR	INQ	OSGIBUNDLE	BUNDLEPART	255	DIFF	CICS BUNDLE bundlepart	15
CHANGEAGENT	CVDAS	INQ	OSGIBUNDLE	CHANGEAGENT	4	LIKE	Last modification agent	3
CHANGEAGENT Input/ output valid values	CSDAPI, CSDBATCH, DREPAPI, CREATESPI, NOTAPPLIC							

Table 808. OSGIBUND resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
CHANGEAGREL	CHAR	INQ	OSGIBUNDLE	CHANGEAGREL	4	DIFF	Last modification agent release	4
CHANGETIME	DATETIME	INQ	OSGIBUNDLE	CHANGETIME	8	MAX	Last modification time	11
CHANGEUSRID	CHAR	INQ	OSGIBUNDLE	CHANGEUSRID	8	DIFF	Last modification user ID	5
DEFINESOURCE	CHAR	INQ	OSGIBUNDLE	DEFINESOURCE	8	DIFF	Source of the resource definition	6
DEFINETIME	DATETIME	INQ	OSGIBUNDLE	DEFINETIME	8	MAX	Creation time	10
INSTALLAGENT	CVDAS	INQ	OSGIBUNDLE	INSTALLAGENT	4	LIKE	Installation agent	7
INSTALLAGENT Input/ output valid values	BUNDLE							
INSTALLTIME	DATETIME	INQ	OSGIBUNDLE	INSTALLTIME	8	MAX	Installation time	12
INSTALLUSRID	CHAR	INQ	OSGIBUNDLE	INSTALLUSRID	8	DIFF	Installation user ID	8
<b>JVMSEVER-2</b>	CHAR	CPSM	OSGIBUNDLE	JVMSEVER	8	DIFF	JVM server	16
<b>OSGIBUND-1</b>	CHAR	INQ	OSGIBUNDLE	OSGIBUNDLE	255	DIFF	OSGi bundle name	1
OSGIBUNDLEID	BINARY	INQ	OSGIBUNDLE	OSGIBUNDLEID	8	DIFF	OSGi bundle ID	14
OSGISTATUS	CVDAS	INQ	OSGIBUNDLE	OSGISTATUS	4	LIKE	Status	9
OSGISTATUS Output valid values	UNINSTALLED, INSTALLED, RESOLVED, STARTING, STOPPING, ACTIVE							
<b>OSGIVERSION-3</b>	CHAR	INQ	OSGIBUNDLE	OSGIVERSION	255	DIFF	Version of the OSGi bundle	18

## Chapter 342. OSGISERV Resource Table

A CICS resource that provides information about OSGi services.

The **Primary** key field for this resource class is OSGISERVICE.

The **Secondary** key field for this resource class is JVMSERVER.

The following actions are supported:

### INQUIRE

Retrieve information about an OSGi service that is registered in a JVM server.

#### External resource name

CICSOSGiService

#### Length

1064

#### Usage

API or WUI or CICS Management Client Interface or EVALDEF

#### API view

Yes

#### CMAS context

No

#### SCOPE applies

Yes

#### Only query CMASs in workload

No

#### Object type

CICS Resource

#### Copybook identifier

EYUt0209

Table 809. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 810. OSGISERV resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
BUNDLE	CHAR	INQ	OSGISERVICE	BUNDLE	8	SUM	CICS BUNDLE name	4
BUNDLEPART	CHAR	INQ	OSGISERVICE	BUNDLEPART	255	DIFF	CICS BUNDLEPART name	5
<b>JVMSERVER-2</b>	CHAR	CPSM	OSGISERVICE	JVMSERVER	8	AVG	JVM server	3
OSGIBUNDLE	CHAR	INQ	OSGISERVICE	OSGIBUNDLE	255	DIFF	Symbolic name of the OSGi bundle	7
<b>OSGISERVICE-1</b>	BINARY	INQ	OSGISERVICE	OSGISERVICE	8	DIFF	OSGi service ID	1
OSGIVERSION	CHAR	INQ	OSGISERVICE	OSGIVERSION	255	DIFF	Version of the OSGi bundle	6

Table 810. OSGISERV resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
SRVCNAME	CHAR	INQ	OSGISERVICE	SRVCNAME	255	DIFF	Name of the OSGi service	8
SRVCSTATUS	CVDAS	INQ	OSGISERVICE	SRVCSTATUS	4	LIKE	Service status	2
SRVCSTATUS Input/output valid values	ACTIVE, INACTIVE							

## Chapter 343. PARINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a partner definition (PARTDEF) in a resource group (RESGROUP). A PARTDEF can be a member of multiple RESGROUPS.

The **Primary** key field for this resource class is PARTGROUP.

The **Secondary** key field for this resource class is PARTNAME.

The **Tertiary** key field for this resource class is PARTVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6151

<i>Table 811. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 812. PARINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	PARINGRP_INV_DATA	Attribute data invalid
2	PARINGRP_REC_NOT_FOUND	Requested resource not found
4	PARINGRP_REC_EXISTS	Resource already exists
6	PARINGRP_INV_RESTYPE	Invalid resource type
7	PARINGRP_INV_VER	Invalid resource version
11	PARINGRP_NON_MP	Maintenance point CMAS not available
12	PARINGRP_INV_CONTEXT	Context not found

Table 812. PARINGRP FEEDBACK error codes (continued)

Value	Code	Description
21	PARINGRP_INCONSISTENT_SET	Inconsistent set
22	PARINGRP_DIFF_VERSION	Different version
23	PARINGRP_INV_NAME	Invalid name
24	PARINGRP_INV_MINNAME	Invalid minor name

Table 813. PARINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>PARTGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>PARTNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Partner definition name	6
<b>PARTVER-3</b>	BINARY	CPSM	1	Yes	AVG	Partner definition version	7



## Chapter 344. PARMAVA Resource Table

A CPSM MetaData resource that describes the allowable values for a parameter.

The **Primary** key field for this resource class is PARMIDN.

The **Secondary** key field for this resource class is PARMAVAIDN.

There are no object specific actions for this resource class.

**External resource name**

**Length**

40

**Usage**

API

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Metadata

**Copybook identifier**

EYUt2635

<i>Table 814. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
Not applicable			

<i>Table 815. PARMAVA resource table attributes</i>						
Name	Datatype	Source	Len	Sum	Description	Attr ID
LITERAL	CHAR	CPSM	12	DIFF	Parameter literal	6
<b>PARMAVAIDN-2</b>	BINARY	CPSM	4	AVG	AVA number for parameter	5
<b>PARMIDN-1</b>	BINARY	CPSM	4	AVG	Parameter number	4
VALUE	BINARY	CPSM	4	AVG	Parameter value in numeric form	7
VALUENAME	CHAR	CPSM	12	DIFF	Parameter value as character string	8



## Chapter 345. PARTDEF Resource Table

A CICS Definition that describes a partner, which enables application programs to communicate via APPC protocols with a partner application on a remote logical unit.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a Partner Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionPartner

### Length

360

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3806

<i>Table 816. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Value	Code	Description
1	PARTDEF_INV_DATA	Attribute data invalid
2	PARTDEF_REC_NOT_FOUND	Requested resource not found
4	PARTDEF_REC_EXISTS	Resource already exists
5	PARTDEF_REC_CHANGED	Resource definition already changed
6	PARTDEF_INV_RESTYPE	Invalid resource type
7	PARTDEF_INV_VER	Invalid resource version
11	PARTDEF_NON_MP	Maintenance point CMAS not available
12	PARTDEF_INV_CONTEXT	Context not found
13	PARTDEF_INCONSISTENT_SET	Inconsistent set condition
14	PARTDEF_INV_RESGROUP	Resource group not found
21	PARTDEF_INV_ACTION	Invalid action
22	PARTDEF_INV_RECADDR	Invalid record address
23	PARTDEF_INV_RECLEN	Invalid record length
24	PARTDEF_DIFF_VERSION	Different version
25	PARTDEF_EARLY_NAMELIST_END	Early name list end
26	PARTDEF_INV_NAMELIST	Invalid name list
27	PARTDEF_INV_NAME	Invalid name
28	PARTDEF_INV_MINNAME	Invalid minor name

Table 817. PARTDEF FEEDBACK error codes (continued)

Value	Code	Description
29	PARTDEF_NOTIFY	Notify
30	PARTDEF_PARTIAL_INSTALL	Partial install
31	PARTDEF_NOTHING_INSTALLED	Nothing installed
32	PARTDEF_NO_TARGETS	No targets
33	PARTDEF_NO_RELATED	No related systems
34	PARTDEF_INV_TSCOPE	Invalid target scope
35	PARTDEF_INV_RSCOPE	Invalid related scope
36	PARTDEF_INV_USAGE	Invalid usage
37	PARTDEF_INV_MODE	Invalid mode
38	PARTDEF_INV_STATECHK	Invalid state check
39	PARTDEF_INV_FORCEINS	Invalid force install
40	PARTDEF_INV_NOTIFY	Invalid notify
41	PARTDEF_INV_OVERTYPE	Invalid oertype
42	PARTDEF_INV_OVRBLOCK	Invalid override block
43	PARTDEF_INV_ORSTRING	Invalid override string
44	PARTDEF_INV_STRNGTERM	Invalid string terminator
45	PARTDEF_INV_EMBEDTERM	Invalid embedded terminator
46	PARTDEF_INV_ATTRIBUTE	Invalid attribute
47	PARTDEF_INV_LITERAL	Invalid literal
48	PARTDEF_INV_ORSTGNA	Invalid override string
49	PARTDEF_SCOPE_REQUIRED	Scope required
50	PARTDEF_USAGE_CONFLICT	Usage conflict
51	PARTDEF_NODEFS_SELECTED	No definitions selected
52	PARTDEF_MORE_THAN_1_RELSYS	More than one related system
53	PARTDEF_MISSING_RELSYSID	Missing related system identifier
54	PARTDEF_SCOPE_CONFLICT	Scope conflict
55	PARTDEF_INV_CSDGROUP	Invalid CSD group
56	PARTDEF_REC_NOT_REMOVED	Record not removed
57	PARTDEF_INV_RESOURCE	Invalid resource
58	PARTDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	PARTDEF_PARTIAL_ACTION	Partial action
60	PARTDEF_NOTHING_ACTIONED	Nothing actioned
61	PARTDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 817. PARTDEF FEEDBACK error codes (continued)

Value	Code	Description
62	PARTDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	PARTDEF_CSD_ERROR	CSD access error

Table 818. PARTDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	19
CHANGEAGENT Input/ output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	21
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	20
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				13
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	23
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		18
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				17
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				7
NETNAME	CHAR	CPSM	8	Yes	DIFF	VTAM node name				8
NETWORK	CHAR	CPSM	8	No	DIFF	Network name				9
PROFILE	CHAR	CPSM	8	Yes	DIFF	Profile definition name	DFHCICSA			10
TPNAME	CHAR	CPSM	64	No	DIFF	Remote transaction program name (characters)				11
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				14
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				15
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				16
XTPNAME	CHAR	CPSM	128	No	DIFF	Remote transaction program name (hexadecimal)				12

## Chapter 346. PARTNER Resource Table

A CICS Resource that describes a CPI-C partner table in an active CICS system being managed by CICSPlex SM.

The **Primary** key field for this resource class is PARTNER.

The following action is supported:

### DISCARD

Discard the partner definition

The DISCARD action requires no unique parameter data.

### External resource name

CICSPartner

### Length

120

### Usage

API or WUI or CICS Management Client Interface

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0052

Table 819. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 820. PARTNER resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
NETNAME	CHAR	INQ	PARTNER	NETNAME	8	DIFF	Node where partner located	2
NETWORK	CHAR	INQ	PARTNER	NETWORK	8	DIFF	Network where partner located	3
<b>PARTNER-1</b>	CHAR	INQ	PARTNER	PARTNER	8	DIFF	Partner name	1

Table 820. PARTNER resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
PROFILE	CHAR	INQ	PARTNER	PROFILE	8	DIFF	Profile name for partner	4
TPNAME	CHAR	INQ	PARTNER	TPNAME	64	DIFF	Remote transaction program name	5
TPNAMELEN	BINARY	INQ	PARTNER	TPNAMELEN	2	AVG	Length of remote transaction program name	6



## Chapter 347. PERIODEF Resource Table

A CPSM Communications Definition that describes a named period of time. Time periods are used to control when certain management application definitions are installed. They are also used to identify the expected operational period for CICS systems.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSPeriodDefinition

**Length**

112

**Usage**

API or Batch Utility or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt2811

<i>Table 821. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

<i>Table 822. PERIODEF FEEDBACK error codes</i>		
Value	Code	Description
1	PERIODEF_INV_DATA	Attribute data invalid
2	PERIODEF_REC_NOT_FOUND	Requested resource not found
4	PERIODEF_REC_EXISTS	Resource already exists
5	PERIODEF_REC_CHANGED	Resource definition already changed

Table 823. PERIODEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			12
CHANGEAGENT Input/ output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			15
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			14
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			13
DESC	CHAR	CPSM	58	No	DIFF	Description			10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	11
END	HHMM	CPSM	2	Yes	MAX	End time			7
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name			5
START	HHMM	CPSM	2	Yes	MAX	Start time			6
ZONE	CHAR	CPSM	1	Yes	DIFF	Time zone			9
ZONEADJ	BINARY	CPSM	1	Yes	AVG	Time zone adjustment factor	0		8

## Chapter 348. PGMINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a program definition (PROGDEF) in a resource group (RESGROUP). A PROGDEF can be a member of multiple RESGROUPS.

The **Primary** key field for this resource class is PROGGROUP.

The **Secondary** key field for this resource class is PROGNAME.

The **Tertiary** key field for this resource class is PROGVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6154

<i>Table 824. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 825. PGMINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	PGMINGRP_INV_DATA	Attribute data invalid
2	PGMINGRP_REC_NOT_FOUND	Requested resource not found
4	PGMINGRP_REC_EXISTS	Resource already exists
6	PGMINGRP_INV_RESTYPE	Invalid resource type
7	PGMINGRP_INV_VER	Invalid resource version
11	PGMINGRP_NON_MP	Maintenance point CMAS not available
12	PGMINGRP_INV_CONTEXT	Context not found

Table 825. PGMINGRP FEEDBACK error codes (continued)

Value	Code	Description
21	PGMINGRP_INCONSISTENT_SET	Inconsistent set
22	PGMINGRP_DIFF_VERSION	Different version
23	PGMINGRP_INV_NAME	Invalid name
24	PGMINGRP_INV_MINNAME	Invalid minor name

Table 826. PGMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>PROGGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>PROGNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Program definition name	6
<b>PROGVER-3</b>	BINARY	CPSM	1	Yes	AVG	Program definition version	7

## Chapter 349. PIPEDEF Resource Table

A CICS definition that describes the processing nodes that will act on a service request and on the response to it when a CICS application acts in the role of a Web-service provider or requester.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a Connection Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### ADDTGRP

Add to resource group

PARM(' [ERRQUEUE] RESGROUP(value) .')

### External resource name

CICSDefinitionPipeline

### Length

920

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3834

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No

Table 827. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 828. PIPEDEF FEEDBACK error codes

Value	Code	Description
1	PIPEDEF_INV_DATA	Attribute data invalid
2	PIPEDEF_REC_NOT_FOUND	Requested resource not found
4	PIPEDEF_REC_EXISTS	Resource already exists
5	PIPEDEF_REC_CHANGED	Resource definition already changed
6	PIPEDEF_INV_RESTYPE	Invalid resource type
7	PIPEDEF_INV_VER	Invalid resource version
11	PIPEDEF_NON_MP	Maintenance point CMAS not available
12	PIPEDEF_INV_CONTEXT	Context not found
13	PIPEDEF_INCONSISTENT_SET	Inconsistent set condition
14	PIPEDEF_INV_RESGROUP	Resource group not found
21	PIPEDEF_INV_ACTION	Invalid action
22	PIPEDEF_INV_RECADDR	Invalid record address
23	PIPEDEF_INV_RECLEN	Invalid record length
24	PIPEDEF_DIFF_VERSION	Different version

Table 828. PIPEDEF FEEDBACK error codes (continued)

<b>Value</b>	<b>Code</b>	<b>Description</b>
25	PIPEDEF_EARLY_NAMELIST_END	Early name list end
26	PIPEDEF_INV_NAMELIST	Invalid name list
27	PIPEDEF_INV_NAME	Invalid name
28	PIPEDEF_INV_MINNAME	Invalid minor name
29	PIPEDEF_NOTIFY	Notify
30	PIPEDEF_PARTIAL_INSTALL	Partial install
31	PIPEDEF_NOTHING_INSTALLED	Nothing installed
32	PIPEDEF_NO_TARGETS	No targets
33	PIPEDEF_NO_RELATED	No related systems
34	PIPEDEF_INV_TSCOPE	Invalid target scope
35	PIPEDEF_INV_RSCOPE	Invalid related scope
36	PIPEDEF_INV_USAGE	Invalid usage
37	PIPEDEF_INV_MODE	Invalid mode
38	PIPEDEF_INV_STATECHK	Invalid state check
39	PIPEDEF_INV_FORCEINS	Invalid force install
40	PIPEDEF_INV_NOTIFY	Invalid notify
41	PIPEDEF_INV_OVERTYPE	Invalid over type
42	PIPEDEF_INV_OVRBLOCK	Invalid override block
43	PIPEDEF_INV_ORSTRING	Invalid override string
44	PIPEDEF_INV_STRNGTERM	Invalid string term
45	PIPEDEF_INV_EMBEDTERM	Invalid embedded terminator
46	PIPEDEF_INV_ATTRIBUTE	Invalid attribute
47	PIPEDEF_INV_LITERAL	Invalid literal
48	PIPEDEF_INV_ORSTGNA	Invalid override string
49	PIPEDEF_SCOPE_REQUIRED	Scope required
50	PIPEDEF_USAGE_CONFLICT	Usage conflict
51	PIPEDEF_NODEFS_SELECTED	No definitions selected
52	PIPEDEF_MORE_THAN_1_RELSYS	More than one related system
53	PIPEDEF_MISSING_RELSYSID	Missing related system identifier
54	PIPEDEF_SCOPE_CONFLICT	Scope conflict
55	PIPEDEF_INV_CSDGROUP	Invalid CSD group
56	PIPEDEF_REC_NOT_REMOVED	Record not removed
57	PIPEDEF_INV_RESOURCE	Invalid resource
58	PIPEDEF_INV_CICS_RESTYPE	Invalid CICS restype

Table 828. PIPEDEF FEEDBACK error codes (continued)

Value	Code	Description
59	PIPEDEF_PARTIAL_ACTION	Partial action
60	PIPEDEF_NOTHING_ACTIONED	Nothing actioned
61	PIPEDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	PIPEDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	PIPEDEF_CSD_ERROR	CSD access error

Table 829. PIPEDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	21
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	23
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	22
CONFIGFILE	CHAR	CPSM	255	Yes	DIFF	Configuration file name on zFS for this pipeline				14
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				9
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	25
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		18
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				13
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				7
RESPWAIT	CHAR	CPSM	4	No	DIFF	Response wait time for Requester Pipeline (SSSS)	DEFT	0-9999	E640	19
RESPWAIT Input/output valid values	DEFT									
SHELF	CHAR	CPSM	255	No	DIFF	Name of a directory (shelf) for WSBIND files	/var/cicsts			15
STATUS	CVDAS	CPSM	4	No	LIKE	ENABLED status	ENABLED			16
STATUS Input/output valid values	ENABLED, DISABLED									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				10
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				12
WSDIR	CHAR	CPSM	255	No	DIFF	Name of the WSBIND (pickup) directory on zFS				17



## Chapter 350. PIPELINE Resource Table

A CICS resource that describes the processing nodes that will act on a service request and on the response to it when a CICS application acts in the role of a Web-service provider or requester.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**ENABLE**

Process inbound service requests normally.

**DISABLE**

Reject inbound service requests.

**DISCARD**

Remove this PIPELINE definition.

**SCAN**

Scan the PIPELINE's web service binding directory.

**External resource name**

CICSPipeline

**Length**

1176

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0164

<i>Table 830. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A
	DISABLE	None	N/A
	DISCARD	None	N/A
	SCAN	None	N/A

Table 831. PIPELINE resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			
BASDEFINER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	30
CHANGEAGENT	CVDAS	INQ	PIPELINE	ENABLESTATUS	4	LIK E	No	Last modification agent		E640 E650	22
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC										
CHANGEAGREL	CHAR	INQ	PIPELINE	ENABLESTATUS	4	DIF F	No	Last modification agent release		E640 E650	23
CHANGETIME	DATETIME	INQ	PIPELINE	ENABLESTATUS	8	MAX	No	Last modification time		E640 E650	25
CHANGEUSRID	CHAR	INQ	PIPELINE	ENABLESTATUS	8	DIF F	No	Last modification user ID		E640 E650	20
CIDDOMAIN	CHAR	INQ	PIPELINE	ENABLESTATUS	25	DIF F	No	MIME content id domain name		E640	13
CONFIGFILE	CHAR	INQ	PIPELINE	CONFIGFILE	25	DIF F	No	Configuration file name on zFS for this pipeline			4
DEFINESOURCE	CHAR	INQ	PIPELINE	ENABLESTATUS	8	DIF F	No	Source of the resource definition		E640 E650	26
DEFINETIME	DATETIME	INQ	PIPELINE	ENABLESTATUS	8	MAX	No	Creation time		E640 E650	27
ENABLESTATUS	CVDAS	INQ	PIPELINE	ENABLESTATUS	4	LIK E	Yes	Status			2
ENABLESTATUS Input/output valid values	ENABLED, DISABLED										
ENABLESTATUS Output valid values	ENABLING, DISABLING, DISCARDING										
INSTALLAGENT	CVDAS	INQ	PIPELINE	ENABLESTATUS	4	LIK E	No	Installation agent		E640 E650	24
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST, BUNDLE										
INSTALLTIME	DATETIME	INQ	PIPELINE	ENABLESTATUS	8	MAX	No	Installation time		E640 E650	29
INSTALLUSRID	CHAR	INQ	PIPELINE	ENABLESTATUS	8	DIF F	No	Installation user ID		E640 E650	28
MSGFORMAT	CHAR	INQ			8	DIF F	No	Format of messages processed by the pipeline		E640 E650 E660 E670 E680	33
MTOMNOXOPST	EYUDA	INQ	PIPELINE	ENABLESTATUS	4	LIK E	No	Use MTOM even when no XOP attachments are present		E640	16
MTOMNOXOPST Output valid values	YES, NO										
MTOMST	EYUDA	INQ	PIPELINE	ENABLESTATUS	4	LIK E	No	SOAP MTOM status		E640	14
MTOMST Output valid values	SUPPORTED, NOTSUPPORTED										
<b>NAME-1</b>	CHAR	INQ	PIPELINE	PIPELINE	8	DIF F	No	Name			1

Table 831. PIPELINE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
PIPEMODE	CVDAS	INQ	PIPELINE	ENABLESTATUS	4	LIKE	No	Pipeline operation mode		E640	8
PIPEMODE Output valid values	REQUESTER, PROVIDER, UNKNOWN										
PIPEUSECOUNT	BINARY	STAT	DFHPIRDS	PIR_PIPELINE_USE_COUNT	4	SUM	No	Number of times pipeline has been used			3
RESPWAIT	BINARY	INQ	PIPELINE	ENABLESTATUS	4	LIKE	Yes	Response wait time for Requester Pipelines			9
SENDMTOMST	EYUDA	INQ	PIPELINE	ENABLESTATUS	4	LIKE	No	Outbound SOAP message MTOM status		E640	15
SENDMTOMST Output valid values	YES, NO, SAME										
SHELF	CHAR	INQ	PIPELINE	SHELF	255	DIFF	No	Name of a directory (shelf) for WSBInd files			5
SOAPLEVEL	CHAR	INQ	PIPELINE	ENABLESTATUS	8	DIFF	No	SOAP level supported by the pipeline		E640	12
SOAPRNUM	BINARY	INQ	PIPELINE	ENABLESTATUS	4	LIKE	No	SOAP release number part of SOAPLEVEL		E640	11
SOAPVNUM	BINARY	INQ	PIPELINE	ENABLESTATUS	4	LIKE	No	SOAP version number part of SOAPLEVEL		E640	10
WSDIR	CHAR	INQ	PIPELINE	WSDIR	255	DIFF	No	Name of the WSBInd (pickup) directory on zFS			6
XOPDIRECTST	EYUDA	INQ	PIPELINE	ENABLESTATUS	4	LIKE	No	Pipeline direct mode XOP status		E640	18
XOPDIRECTST Output valid values	SUPPORTED, NOTSUPPORTED										
XOPSUPPORTST	EYUDA	INQ	PIPELINE	ENABLESTATUS	4	LIKE	No	Pipeline application handler XOP capability		E640	17
XOPSUPPORTST Output valid values	SUPPORTED, NOTSUPPORTED										



## Chapter 351. PIPINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a pipeline definition (PIPEDEF) in a resource group (RESGROUP). A PIPEDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is PIPGROUP.

The **Secondary** key field for this resource class is PIPNAME.

The **Tertiary** key field for this resource class is PIPVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6179

<i>Table 832. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 833. PIPINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	PIPINGRP_INV_DATA	Attribute data invalid
2	PIPINGRP_REC_NOT_FOUND	Requested resource not found
4	PIPINGRP_REC_EXISTS	Resource already exists
6	PIPINGRP_INV_RESTYPE	Invalid resource type
7	PIPINGRP_INV_VER	Invalid resource version
11	PIPINGRP_NON_MP	Maintenance point CMAS not available
12	PIPINGRP_INV_CONTEXT	Context not found

Table 833. PIPINGRP FEEDBACK error codes (continued)

Value	Code	Description
21	PIPINGRP_INCONSISTENT_SET	Inconsistent set
22	PIPINGRP_DIFF_VERSION	Different version
23	PIPINGRP_INV_NAME	Invalid name
24	PIPINGRP_INV_MINNAME	Invalid minor name

Table 834. PIPINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>PIPGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>PIPNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Pipeline definition name	6
<b>PIPVER-3</b>	BINARY	CPSM	1	Yes	AVG	Pipeline definition version	7

## Chapter 352. PLATDEF Resource Table

This CICS resource object provides information about platform definitions.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### INSTALL

Deploy a PLATDEF resource into the CICSplex.

### External resource name

CICSPlatformDefinition

### Length

368

### Usage

API or Batch Utility or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Definition

### Copybook identifier

EYUt3527

<i>Table 835. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	None	N/A

<i>Table 836. PLATDEF FEEDBACK error codes</i>		
Value	Code	Description
1	PLATDEF_DATA_INVALID	Attribute data invalid
2	PLATDEF_REC_NOT_FOUND	Platform definition not found
3	PLATDEF_CICSplex_MATCHES_NAME	PLATDEF name matches an existing CICSplex
4	PLATDEF_REC_EXISTS	Platform definition already exists

Table 836. PLATDEF FEEDBACK error codes (continued)

Value	Code	Description
5	PLATDEF_CSYSGRP_MATCHES_NAME	PLATDEF name matches an existing system group
6	PLATDEF_CSYSDEF_MATCHES_NAME	PLATDEF name matches an existing system definition
7	PLATDEF_PLATFORM_INSTALLED	Platform is already installed
8	PLATDEF_BUNDLE_FILE_NOT_AUTH	User ID not authorized to access zFS file
9	PLATDEF_NOT_FOUND_BUNDLE_FILE	Platform bundle file not found
10	PLATDEF_XML_IN_BUNDLE_INVALID	Invalid XML in bundle
12	PLATDEF_CSYSGRP_NOT_FOUND	System group named in platform bundle not found
13	PLATDEF_CSYSGRP_IN_USE	System group named in platform bundle is in use
15	PLATDEF_PLATFORM_INVALID	The specified platform is invalid
16	PLATDEF_PLATHOME_INVALID	The specified platform home is invalid
17	PLATDEF_RGNTYPE_ID_INVALID	A region type ID used in the platform is invalid
18	PLATDEF_RGNTYPE_NAME_INVALID	A region type name used in the platform is invalid
19	PLATDEF_DUPLICATE_RGNTYPE	The platform contains a duplicate region type name
20	PLATDEF_RGNTYPE_HAS_SUBGROUPS	A region type used in the platform has subgroups
21	PLATDEF_INSTALLED_SOME_BUNDLES	CICS bundles were not installed in some regions
22	PLATDEF_INSTALLED_NO_BUNDLES	CICS bundles were not installed in any regions
23	PLATDEF_DUPLICATE_RGNTYPE_ID	Platform references a duplicate region type ID
24	PLATDEF_DUPLICATE_REGION	A duplicate CICS region exists and cannot be used
25	PLATDEF_REGION_MATCHES_GROUP	VTAM APPLID matches an existing group definition
26	PLATDEF_BUNDLE_INVALID_VERSION	Invalid version of Platform bundle.
27	PLATDEF_INSTALL_FAILED	PLATDEF install failed.
28	PLATDEF_PLATFORM_BUSY	Platform is busy for another action.
29	PLATDEF_PLATDIR_INVALID	Platform directory does not reside in a sub directory named platform, within the platform home directory.
30	PLATDEF_RLINK_DUPLICATE	Duplicate regionLink.



Table 836. PLATDEF FEEDBACK error codes (continued)

Value	Code	Description
31	PLATDEF_REGIONTYPE_UNEXPECTED	Region type defined in regionTypes.xml not defined in platform.xml.
32	PLATDEF_REGIONTYPE_MISSING	Missing regionType.
33	PLATDEF_REGION_FIELD_INVALID	Region attribute specifies an unrecognised value.
34	PLATDEF_INCOMPATIBLE_MODEL	A region type model for region type contains an incompatible attribute value.
35	PLATDEF_NOLINK_CREATED_RTYPE	No region type links were found for created region type.
36	PLATDEF_LINK_FOR_ADOPTED_RTYPE	A region type link was found for an adopted region type.
37	PLATDEF_SHARED_RGN_NOT_CREATED	A region could not be shared to created region.
38	PLATDEF_NO_RTYPE_FND_FOR_LINK	A region type link specifies unknown region type.
39	PLATDEF_NO_REGION_FND_FOR_LINK	A region type link specifies unknown region.
40	PLATDEF_INVALID_MODEL_ATTR	A region type model attribute is invalid.
41	PLATDEF_NOLINK_CREATED_RGN	No region types link for a created region
42	PLATDEF_CREATED_RTYPE_EXISTS	System group for a created region type already exists.
43	PLATDEF_CREATED_REGION_ACTIVE	Created region already active.
44	PLATDEF_NO_RTYPE_FOR_BINDING	No region type for binding.
45	PLATDEF_RGNTYPE_HAS_CREATEDRGN	A platform created region was found in an adopted region type.

Table 837. PLATDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent		4
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release		7
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification		1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID		6
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created		5
DESCCODEPAGE	BINARY	CPSM	4	No	MAX	Description code page	37	12
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description		11
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Platform definition		10
PLATDIR	CHAR	CPSM	255	Yes	DIFF	Platform bundle directory.		13



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## Chapter 353. PLATFORM Resource Table

This CICS resource object is the runtime object that represents a deployed platform.

The **Primary** key field for this resource class is PLATDEF.

The following actions are supported:

### **ADDBUNDLE**

Add a CICS bundle to the platform.

#### **BUNDLEID**

CICS bundle ID of the CICS bundle to add to this platform.

#### **BUNDMAJORVER**

CICS bundle major version of the CICS bundle to add to the platform.

#### **BUNDMICROVER**

CICS bundle micro version of the CICS bundle to add to the platform.

#### **BUNDMINORVER**

CICS bundle minor version of the CICS bundle to add to the platform.

#### **REGIONTYPE**

Region type that the supplied CICS bundle should be installed into.

### **ADDREGION**

Add a CICS region to a region type.

#### **APPLID**

APPLID of the CICS region to be added.

#### **CSYSDEF\_NAME**

Name of the CICS system definition for the CICS region to be added.

#### **PRICMAS**

Primary CMAS for the CICS region to be added.

#### **REGIONTYPE**

Platform region type to which the CICS region will be added.

#### **SYSID**

SYSID of the CICS region to be added.

### **DISABLE**

Disable a platform in the CICSplex.

### **DISCARD**

Remove a platform from the CICSplex.

### **ENABLE**

Enable a platform in the CICSplex.

### **GET**

Retrieve information about a deployed platform.

### **REMOVEBUNDLE**

Remove a CICS bundle from the platform.

#### **BUNDLEID**

CICS bundle ID of the CICS bundle to be removed.

#### **BUNDMAJORVER**

CICS bundle major version of the CICS bundle to be removed.

#### **BUNDMICROVER**

CICS bundle micro version of the CICS bundle to be removed.

**BUNDMINORVER**

CICS bundle minor version of the CICS bundle to be removed.

**REGIONTYPE**

Platform region type where the CICS bundle will be removed.

**REMOVEREGION**

Remove a CICS region from a region type.

**CSYSDEF\_NAME**

Name of the CICS system definition for the CICS region to be removed.

**REGIONTYPE**

Platform region type from which the CICS region will be removed.

**External resource name**

CICSPlatform

**Length**

760

**Usage**

API or CICS Management Client Interface

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt3526

<i>Table 838. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	ENABLE	None	N/A
	DISABLE	None	N/A
	REMOVEBUNDLE	BUNDLEID(value)	Yes
		BUNDMAJORVER(value)	Yes
		BUNDMICROVER(value)	Yes
		BUNDMINORVER(value)	Yes
		REGIONTYPE(value)	Yes
	ADDBUNDLE	BUNDLEID(value)	Yes
		BUNDMAJORVER(value)	Yes
		BUNDMICROVER(value)	Yes

Table 838. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		BUNDMINORVER(value)	Yes
		REGIONTYPE(value)	Yes
	ADDREGION	APPLID(value)	No
		CSYSDEF_NAME(value)	Yes
		PRICMAS(value)	No
		REGIONTYPE(value)	Yes
		SYSID(value)	No
	REMOVEREGION	CSYSDEF_NAME(value)	Yes
		REGIONTYPE(value)	Yes

Table 839. PLATFORM FEEDBACK error codes

Value	Code	Description
1	PLATFORM_REC_NOT_FOUND	Platform not found
2	PLATFORM_CONTAINS_APPLICATIONS	Applications are installed in this Platform
3	PLATFORM_DISABLED_SOME_BUNDLES	CICS bundles were not disabled in some regions
4	PLATFORM_DISCARDED_SOME_BUNDS	CICS bundles were not discarded in some regions
5	PLATFORM_DISCARDED_NO_BUNDLES	CICS bundles were not discarded in any regions
6	PLATFORM_ENABLED_SOME_BUNDLES	CICS bundles were not enabled in some regions
7	PLATFORM_ENABLED_NO_BUNDLES	CICS bundles were not enabled in any regions
8	PLATFORM_DISABLED_NO_BUNDLES	CICS bundles were not disabled in any regions
11	PLATFORM_BUNDLE_NOT_FOUND	CICS bundle was not found
12	PLATFORM_RGNTYPE_INVALID	Invalid region type
13	PLATFORM_BUNDLE_ID_INVALID	Invalid CICS bundle ID
17	PLATFORM_REGION_ACTIVE	Region is active
18	PLATFORM_CONTEXT_INVALID	CICSplex not found
19	PLATFORM_APPLID_INVALID	Invalid VTAM APPLID
20	PLATFORM_SYSID_INVALID	Invalid system ID
21	PLATFORM_PRIMARY_CMAS_INVALID	Invalid primary CMAS
22	PLATFORM_REGION_INVALID	CICS region could not be created
23	PLATFORM_RGNTYPE_NOT_FOUND	Requested region type not found

Table 839. PLATFORM FEEDBACK error codes (continued)

Value	Code	Description
24	PLATFORM_DUPLICATE_REGION	Duplicate CICS region exists
25	PLATFORM_CSYSGRP_EXISTS	VTAM APPLID matches an existing group definition
26	PLATFORM_REGION_NOT_FOUND	Requested region not found
27	PLATFORM_RECORD_EXISTS	The CICS bundle already exists in the region type
28	PLATFORM_INSTALLED_SOME_BUNDS	CICS bundles were not installed in some regions
29	PLATFORM_INSTALLED_NO_BUNDLES	CICS bundles were not installed in any regions
30	PLATFORM_BUSY	Platform is busy for another action.
31	PLATFORM_NOT_DISABLED	At least one installed bundle is enabled.
32	PLATFORM_BUNDLE_NOT_DISABLED	At least one installed bundle is enabled.
33	PLATFORM_ADDBUNDLE_FAILED	Platform ADDBUNDLE request failed.
34	PLATFORM_BUNDLE_MAJVER_INVALID	Invalid CICS bundle major version
35	PLATFORM_BUNDLE_MINVER_INVALID	Invalid CICS bundle minor version
36	PLATFORM_BUNDLE_MICVER_INVALID	Invalid CICS bundle micro version
37	PLATFORM_PLATDEF_INVALID	Invalid platform definition
38	PLATFORM_CREATED_REGION_ACTIVE	A created region was still active.
39	PLATFORM_CREATED_REGION_IN_USE	A created region was still in use by Business Application Services (BAS).
40	PLATFORM_RTYPE_IN_USE	A region type was still in use by Business Application Services (BAS).
41	PLATFORM_CSYSDEF_NAME_INVALID	Invalid CSYSDEF name
42	PLATFORM_INCOMPAT_REGION	Incompatible region
43	PLATFORM_REGION_NOT_IN_RTYPE	Region not in Region Type
44	PLATFORM_STATUS_FAILED	Platform in failed state

Table 840. PLATFORM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	LIKE	Last modification agent			3
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	DIFF	Last modification agent release			7
CHANGETIME	DATETIME	CPSM	8	MAX	Last modification			5
CHANGEUSRID	CHAR	CPSM	8	DIFF	Last modification user ID			6
CREATETIME	DATETIME	CPSM	8	MAX	Time created			4

Table 840. PLATFORM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Default	Value Range	Attr ID
DESCCODEPAGE	BINARY	CPSM	4	MAX	Description code page	37	0-99999999	16
DESCRIPTION	CHAR	CPSM	255	DIFF	Description of this platform			12
ENABLESTATUS	EYUDA	CPSM	4	LIKE	Enable Status			18
ENABLESTATUS Input/output valid values	ENABLED, DISABLED, ENABLING, DISABLING, INCOMPLETE, EMPTY, SOMEDISABLED, INSTALLING, DISCARDING, FAILED							
<b>PLATDEF-1</b>	CHAR	CPSM	8	DIFF	Platform definition			10
PLATDIR	CHAR	CPSM	255	DIFF	Platform bundle directory			13
PLATFORM	CHAR	CPSM	64	DIFF	Platform			15
PLATHOME	CHAR	CPSM	128	DIFF	Platform home directory			14
STATUS	EYUDA	CPSM	4	LIKE	Status			11
STATUS Input/output valid values	ACTIVE, PARTIAL, INACTIVE							





## Chapter 354. POLMON Resource Table

A CPSM Monitor Manager object that describes a monitor definition installed in a specific CICS system.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is STATUS.

The **Tertiary** key field for this resource class is ACTIVETIME.

The following actions are supported:

### **DISCARD**

Unconditionally remove the installed definition.

### **DEACTIVATE**

Remove the installed definition honoring a PERIODEF.

These actions require no unique parameter data.

### **External resource name**

#### **Length**

56

#### **Usage**

API or WUI

#### **API view**

No

#### **CMAS context**

No

#### **SCOPE applies**

Yes

#### **Only query CMASs in workload**

No

#### **Object type**

CICSplex SM Manager

#### **Copybook identifier**

EYUt2406

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	DEACTIVATE	None	N/A

Value	Code	Description
1	POLMON_INV_DATA	Invalid name
2	POLMON_REC_NOT_FOUND	Requested resource not found
3	POLMON_INV_REFERENCE	Does not exist

Table 842. POLMON FEEDBACK error codes (continued)

Value	Code	Description
4	POLMON_REC_EXISTS	Record exists
21	POLMON_DISCARD_NOT_ALLOWED	Discard not allowed
22	POLMON_DEACT_NOT_ALLOWED	Deactivate not allowed

Table 843. POLMON resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
<b>ACTIVETIME-3</b>	CHAR	CPSM	8	DIFF	Activation period	5
INCLUDE	EYUDA	CPSM	4	LIKE	Monitoring inclusion status	4
INCLUDE Output valid values	YES, NO					
<b>NAME-1</b>	CHAR	CPSM	8	DIFF	Definition name	1
RESCLASS	EYUDA	CPSM	4	LIKE	Monitoring resource class	3
RESCLASS Output valid values	MCICS, MCONN, MGLBL, MDBX, MFILE, MJRNL, MPROG, MTDQS, MTERM, MTRAN					
RESNAME	CHAR	CPSM	8	DIFF	Resource name pattern	2
RODMPOP	EYUDA	CPSM	4	LIKE	Resource status facility monitoring status	7
RODMPOP Output valid values	YES, NO					
<b>STATUS-2</b>	EYUDA	CPSM	4	LIKE	Definition status	6
STATUS-2 Output valid values	ACTIVE, PENDING					

## Chapter 355. PRCINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a Process Type definition (PROCDEF) in a resource group (RESGROUP). A PROCDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is PROCGROUP.

The **Secondary** key field for this resource class is PROCNAME.

The **Tertiary** key field for this resource class is PRCVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6170

<i>Table 844. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 845. PRCINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	PRCINGRP_INV_DATA	Attribute data invalid
2	PRCINGRP_REC_NOT_FOUND	Requested resource not found
4	PRCINGRP_REC_EXISTS	Resource already exists
6	PRCINGRP_INV_RESTYPE	Invalid resource type
7	PRCINGRP_INV_VER	Invalid resource version
11	PRCINGRP_NON_MP	Maintenance point CMAS not available

Table 845. PRCINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	PRCINGRP_INV_CONTEXT	Context not found
21	PRCINGRP_INCONSISTENT_SET	Inconsistent set
22	PRCINGRP_DIFF_VERSION	Different version
23	PRCINGRP_INV_NAME	Invalid name
24	PRCINGRP_INV_MINNAME	Invalid minor name

Table 846. PRCINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>PRCOVER-3</b>	BINARY	CPSM	1	Yes	AVG	Process type definition version	7
<b>PROCGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>PROCNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Process type definition name	6

## Chapter 356. PRNINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a partition set definition (PRTNDEF) in a resource group (RESGROUP). A PRTNDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is PRTNGROUP.

The **Secondary** key field for this resource class is PRTNNAME.

The **Tertiary** key field for this resource class is PRTNVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6152

<i>Table 847. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 848. PRNINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	PRNINGRP_INV_DATA	Attribute data invalid
2	PRNINGRP_REC_NOT_FOUND	Requested resource not found
4	PRNINGRP_REC_EXISTS	Resource already exists
6	PRNINGRP_INV_RESTYPE	Invalid resource type
7	PRNINGRP_INV_VER	Invalid resource version
11	PRNINGRP_NON_MP	Maintenance point CMAS not available

Table 848. PRNINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	PRNINGRP_INV_CONTEXT	Context not found
21	PRNINGRP_INCONSISTENT_SET	Inconsistent set
22	PRNINGRP_DIFF_VERSION	Different version
23	PRNINGRP_INV_NAME	Invalid name
24	PRNINGRP_INV_MINNAME	Invalid minor name

Table 849. PRNINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>PRTNGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>PRTNNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Partition set definition name	6
<b>PRTNVER-3</b>	BINARY	CPSM	1	Yes	AVG	Partition set definition version	7

## Chapter 357. PROCDEF Resource Table

A CICS Definition that describes a Process Type.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a Process Type Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionProcessType

### Length

168

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3825

<i>Table 850. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Value	Code	Description
1	PROCDEF_INV_DATA	Attribute data invalid
2	PROCDEF_REC_NOT_FOUND	Requested resource not found
4	PROCDEF_REC_EXISTS	Resource already exists
5	PROCDEF_REC_CHANGED	Resource definition already changed
6	PROCDEF_INV_RESTYPE	Invalid resource type
7	PROCDEF_INV_VER	Invalid resource version
11	PROCDEF_NON_MP	Maintenance point CMAS not available
12	PROCDEF_INV_CONTEXT	Context not found
13	PROCDEF_INCONSISTENT_SET	Inconsistent set condition
14	PROCDEF_INV_RESGROUP	Resource group not found
21	PROCDEF_INV_ACTION	Invalid action
22	PROCDEF_INV_RECADDR	Invalid record address
23	PROCDEF_INV_RECLEN	Invalid record length
24	PROCDEF_DIFF_VERSION	Different version
25	PROCDEF_EARLY_NAMELIST_END	Early name list end
26	PROCDEF_INV_NAMELIST	Invalid name list
27	PROCDEF_INV_NAME	Invalid name
28	PROCDEF_INV_MINNAME	Invalid minor name



Table 851. PROCDEF FEEDBACK error codes (continued)

Value	Code	Description
29	PROCDEF_NOTIFY	Notify
30	PROCDEF_PARTIAL_INSTALL	Partial install
31	PROCDEF_NOTHING_INSTALLED	Nothing installed
32	PROCDEF_NO_TARGETS	No targets
33	PROCDEF_NO_RELATED	No related systems
34	PROCDEF_INV_TSCOPE	Invalid target scope
35	PROCDEF_INV_RSCOPE	Invalid related scope
36	PROCDEF_INV_USAGE	Invalid usage
37	PROCDEF_INV_MODE	Invalid mode
38	PROCDEF_INV_STATECHK	Invalid state check
39	PROCDEF_INV_FORCEINS	Invalid force install
40	PROCDEF_INV_NOTIFY	Invalid notify
41	PROCDEF_INV_OVERTYPE	Invalid over type
42	PROCDEF_INV_OVRBLOCK	Invalid override block
43	PROCDEF_INV_ORSTRING	Invalid override string
44	PROCDEF_INV_STRNGTERM	Invalid string terminator
45	PROCDEF_INV_EMBEDTERM	Invalid embedded terminator
46	PROCDEF_INV_ATTRIBUTE	Invalid attribute
47	PROCDEF_INV_LITERAL	Invalid literal
48	PROCDEF_INV_ORSTGNA	Invalid override string
49	PROCDEF_SCOPE_REQUIRED	Scope required
50	PROCDEF_USAGE_CONFLICT	Usage conflict
51	PROCDEF_NODEFS_SELECTED	No definitions selected
52	PROCDEF_MORE_THAN_1_RELSYS	More than one related system
53	PROCDEF_MISSING_RELSYSID	Missing related system identifier
54	PROCDEF_SCOPE_CONFLICT	Scope conflict
55	PROCDEF_INV_CSDGROUP	Invalid CSD group
56	PROCDEF_REC_NOT_REMOVED	Record not removed
57	PROCDEF_INV_RESOURCE	Invalid resource
58	PROCDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	PROCDEF_PARTIAL_ACTION	Partial action
60	PROCDEF_NOTHING_ACTIONED	Nothing actioned
61	PROCDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 851. PROCDEF FEEDBACK error codes (continued)

Value	Code	Description
62	PROCDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	PROCDEF_CSD_ERROR	CSD access error

Table 852. PROCDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
AUDITLEVEL	CVDAS	CPSM	4	Yes	LIKE	Audit level	OFF			11
AUDITLEVEL Input/output valid values	OFF, FULL, ACTIVITY, PROCESS									
AUDITLOG	CHAR	CPSM	8	No	DIFF	Audit log name				10
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	19
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	21
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	20
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				13
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	23
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		18
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				17
FILE	CHAR	CPSM	8	Yes	DIFF	File name				9
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				7
STATUS	CVDAS	CPSM	4	Yes	LIKE	Enable status	ENABLED			12
STATUS Input/output valid values	ENABLED, DISABLED									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				14
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				15
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				16

## Chapter 358. PROCTYP Resource Table

A CICS Resource that describes a process type in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**DISABLE**

Disable a process type

**DISCARD**

Discard a process type.

These actions require no unique parameter data.

**External resource name**

CICSProcessType

**Length**

112

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0101

*Table 853. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A
	DISABLE	None	N/A
	ENABLE	None	N/A

*Table 854. PROCTYP resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			

Table 854. PROCTYP resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			
AUDITLEV	CVDAS	INQ	PROCESSTYPE	AUDITLEVEL	4	LIK E	Yes	Audit level			4
AUDITLEV Input/output valid values	OFF, FULL, ACTIVITY, PROCESS										
AUDITLOG	CHAR	INQ	PROCESSTYPE	AUDITLOG	8	DIF F	No	Audit log name			3
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	15
CHANGEAGENT	CVDAS	INQ	PROCESSTYPE	STATUS	4	LIK E	No	Last modification agent		E640 E650	6
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBatch, CREATESPI, NOTAPPLIC										
CHANGEAGREL	CHAR	INQ	PROCESSTYPE	STATUS	4	DIF F	No	Last modification agent release		E640 E650	8
CHANGETIME	DATETIME	INQ	PROCESSTYPE	STATUS	8	MAX	No	Last modification time		E640 E650	9
CHANGEUSRID	CHAR	INQ	PROCESSTYPE	STATUS	8	DIF F	No	Last modification user ID		E640 E650	7
DEFINESOURCE	CHAR	INQ	PROCESSTYPE	STATUS	8	DIF F	No	Source of the resource definition		E640 E650	10
DEFINETIME	DATETIME	INQ	PROCESSTYPE	STATUS	8	MAX	No	Creation time		E640 E650	11
ENASTAT	CVDAS	INQ	PROCESSTYPE	STATUS	4	LIK E	Yes	Enable status			5
ENASTAT Input/output valid values	ENABLED, DISABLED										
FILE	CHAR	INQ	PROCESSTYPE	FILE	8	DIF F	No	File name			2
INSTALLAGENT	CVDAS	INQ	PROCESSTYPE	STATUS	4	LIK E	No	Installation agent		E640 E650	14
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST										
INSTALLTIME	DATETIME	INQ	PROCESSTYPE	STATUS	8	MAX	No	Installation time		E640 E650	13
INSTALLUSRID	CHAR	INQ	PROCESSTYPE	STATUS	8	DIF F	No	Installation user ID		E640 E650	12
<b>NAME-1</b>	CHAR	INQ			8	DIF F	No	BTS process type			1

## Chapter 359. PROFDEF Resource Table

A CICS Definition that describes a profile, which controls the interactions between transactions and terminals or logical units.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a Profile Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionProfile

### Length

224

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3808

<i>Table 855. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Value	Code	Description
1	PROFDEF_INV_DATA	Attribute data invalid
2	PROFDEF_REC_NOT_FOUND	Requested resource not found
4	PROFDEF_REC_EXISTS	Resource already exists
5	PROFDEF_REC_CHANGED	Resource definition already changed
6	PROFDEF_INV_RESTYPE	Invalid resource type
7	PROFDEF_INV_VER	Invalid resource version
11	PROFDEF_NON_MP	Maintenance point CMAS not available
12	PROFDEF_INV_CONTEXT	Context not found
13	PROFDEF_INCONSISTENT_SET	Inconsistent set condition
14	PROFDEF_INV_RESGROUP	Resource group not found
21	PROFDEF_INV_ACTION	Invalid action
22	PROFDEF_INV_RECADDR	Invalid record address
23	PROFDEF_INV_RECLEN	Invalid record length
24	PROFDEF_DIFF_VERSION	Different version
25	PROFDEF_EARLY_NAMELIST_END	Early name list end
26	PROFDEF_INV_NAMELIST	Invalid name list
27	PROFDEF_INV_NAME	Invalid name
28	PROFDEF_INV_MINNAME	Invalid minor name

Table 856. PROFDEF FEEDBACK error codes (continued)

<b>Value</b>	<b>Code</b>	<b>Description</b>
29	PROFDEF_NOTIFY	Notify
30	PROFDEF_PARTIAL_INSTALL	Partial install
31	PROFDEF_NOTHING_INSTALLED	Nothing installed
32	PROFDEF_NO_TARGETS	No targets
33	PROFDEF_NO_RELATED	No related systems
34	PROFDEF_INV_TSCOPE	Invalid target scope
35	PROFDEF_INV_RSCOPE	Invalid related scope
36	PROFDEF_INV_USAGE	Invalid usage
37	PROFDEF_INV_MODE	Invalid mode
38	PROFDEF_INV_STATECHK	Invalid state check
39	PROFDEF_INV_FORCEINS	Invalid force install
40	PROFDEF_INV_NOTIFY	Invalid notify
41	PROFDEF_INV_OVERTYPE	Invalid over type
42	PROFDEF_INV_OVRBLOCK	Invalid override block
43	PROFDEF_INV_ORSTRING	Invalid override string
44	PROFDEF_INV_STRNGTERM	Invalid string terminator
45	PROFDEF_INV_EMBEDTERM	Invalid embedded terminator
46	PROFDEF_INV_ATTRIBUTE	Invalid attribute
47	PROFDEF_INV_LITERAL	Invalid literal
48	PROFDEF_INV_ORSTGNA	Invalid override string
49	PROFDEF_SCOPE_REQUIRED	Scope required
50	PROFDEF_USAGE_CONFLICT	Usage conflict
51	PROFDEF_NODEFS_SELECTED	No definitions selected
52	PROFDEF_MORE_THAN_1_RELSYS	More than one related system
53	PROFDEF_MISSING_RELSYSID	Missing related system identifier
54	PROFDEF_SCOPE_CONFLICT	Scope conflict
55	PROFDEF_INV_CSDGROUP	Invalid CSD group
56	PROFDEF_REC_NOT_REMOVED	Record not removed
57	PROFDEF_INV_RESOURCE	Invalid resource
58	PROFDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	PROFDEF_PARTIAL_ACTION	Partial action
60	PROFDEF_NOTHING_ACTIONED	Nothing actioned
61	PROFDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 856. PROFDEF FEEDBACK error codes (continued)

Value	Code	Description
62	PROFDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	PROFDEF_CSD_ERROR	CSD access error

Table 857. PROFDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
CHAINCONTROL	EYUDA	CPSM	4	Yes	LIKE	Outbound chaining control	NO			8
CHAINCONTROL Input/output valid values	YES, NO									
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	31
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	33
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	32
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				24
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	35
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		30
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				28
DVSUPRT	EYUDA	CPSM	4	Yes	LIKE	Supported devices	ALL			9
DVSUPRT Input/output valid values	ALL, NONVTAM, VTAM									
FACILITYLIKE	CHAR	CPSM	4	No	DIFF	Facility model				29
INBFMH	EYUDA	CPSM	4	Yes	LIKE	Pass function management header (FMH) to application	NO			10
INBFMH Input/output valid values	NO, ALL, DIP, EODS									
JOURNAL	CHAR	CPSM	4	No	DIFF	Journal identifier	NO	1-99		23
JOURNAL Input/output valid values	NO									
LOGREC	EYUDA	CPSM	4	Yes	LIKE	Receive requires logical record	NO			11
LOGREC Input/output valid values	YES, NO									
MODENAME	CHAR	CPSM	8	No	DIFF	Mode name				12
MSGINTEG	EYUDA	CPSM	4	Yes	LIKE	Message response requested	NO			13
MSGINTEG Input/output valid values	YES, NO									
MSGJRNL	EYUDA	CPSM	4	Yes	LIKE	Messages to be journaled	NO			14
MSGJRNL Input/output valid values	NO, INPUT, OUTPUT, INOUT									
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				7



Table 857. PROFDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
NEPCCLASS	CHAR	CPSM	4	No	DIFF	Node error program transaction class	0	0-255		21
ONEWTE	EYUDA	CPSM	4	Yes	LIKE	One write operation	NO			15
ONEWTE Input/output valid values	YES, NO									
PRINTERCOMP	EYUDA	CPSM	4	Yes	LIKE	Printer compatability option	NO			17
PRINTERCOMP Input/output valid values	YES, NO									
PROTECT	EYUDA	CPSM	4	Yes	LIKE	Output message recovery	N_A		E510+	16
PROTECT Input/output valid values	YES, NO, N_A									
RAQ	EYUDA	CPSM	4	Yes	LIKE	Read ahead queueing option	NO			18
RAQ Input/output valid values	YES, NO									
RTIMOUT	CHAR	CPSM	8	No	DIFF	Read time-out value	NO	1-7000		22
RTIMOUT Input/output valid values	NO									
SCRNSIZE	CVDAS	CPSM	4	Yes	LIKE	Screen size	DEFAULT			20
SCRNSIZE Input/output valid values	DEFAULT, ALTERNATE									
UCTRAN	EYUDA	CPSM	4	Yes	LIKE	Upper case translation	NO			19
UCTRAN Input/output valid values	YES, NO									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				25
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				26
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				27



## Chapter 360. PROFILE Resource Table

A CICS Resource that identifies a profile in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is PROFILE.

The following action is supported:

### DISCARD

Remove the installed profile.

The DISCARD action requires no unique parameter data.

### External resource name

CICSProfile

### Length

88

### Usage

API or WUI or CICS Management Client Interface

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0053

Table 858. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 859. PROFILE resource table attributes										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Inval id	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved			
BASDEFINEVER	BINARY	CPSM			1	AVG	BAS resource definition version	0	E640 E650	11
CHANGEAGENT	CVDAS	INQ	PROFILE	CHANGEAGENT	4	LIKE	Last modification agent		E640 E650	2
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, SYSTEM, CREATESPI, NOTAPPLIC									

Table 859. PROFILE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Description	Default	Get Inval id	Attr ID
CHANGEAGREL	CHAR	INQ	PROFILE	CHANGEAGREL	4	DIFF	Last modification agent release		E640 E650	4
CHANGETIME	DATETIME	INQ	PROFILE	CHANGETIME	8	MAX	Last modification time		E640 E650	5
CHANGEUSRID	CHAR	INQ	PROFILE	CHANGEUSRID	8	DIFF	Last modification user ID		E640 E650	3
DEFINESOURCE	CHAR	INQ	PROFILE	DEFINESOURCE	8	DIFF	Source of the resource definition		E640 E650	6
DEFINETIME	DATETIME	INQ	PROFILE	DEFINETIME	8	MAX	Creation time		E640 E650	7
INSTALLAGENT	CV DAS	INQ	PROFILE	INSTALLAGENT	4	LIKE	Installation agent		E640 E650	10
INSTALLAGENT Input/ output valid values	CSDAPI, CREATESPI, GRPLIST									
INSTALLTIME	DATETIME	INQ	PROFILE	INSTALLTIME	8	MAX	Installation time		E640 E650	9
INSTALLUSRID	CHAR	INQ	PROFILE	INSTALLUSRID	8	DIFF	Installation user ID		E640 E650	8
<b>PROFILE-1</b>	CHAR	INQ	PROFILE	PROFILE	8	DIFF	Profile name			1

## Chapter 361. PROGDEF Resource Table

A CICS Definition that describes the control information for a program stored in the program library.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a Program Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionProgram

### Length

504

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3809

<i>Table 860. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Operations	Actions	Parameters	Required
		MODE(DYNAM, STAT)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL, REMOTE)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Value	Code	Description
1	PROGDEF_INV_DATA	Attribute data invalid
2	PROGDEF_REC_NOT_FOUND	Requested resource not found
4	PROGDEF_REC_EXISTS	Resource already exists
5	PROGDEF_REC_CHANGED	Resource definition already changed
6	PROGDEF_INV_RESTYPE	Invalid resource type
7	PROGDEF_INV_VER	Invalid resource version
11	PROGDEF_NON_MP	Maintenance point CMAS not available
12	PROGDEF_INV_CONTEXT	Context not found
13	PROGDEF_INCONSISTENT_SET	Inconsistent set condition
14	PROGDEF_INV_RESGROUP	Resource group not found
21	PROGDEF_INV_ACTION	Invalid action
22	PROGDEF_INV_RECADDR	Invalid record address
23	PROGDEF_INV_RECLEN	Invalid record length
24	PROGDEF_DIFF_VERSION	Different version
25	PROGDEF_EARLY_NAMELIST_END	Early name list end
26	PROGDEF_INV_NAMELIST	Invalid name list
27	PROGDEF_INV_NAME	Invalid name
28	PROGDEF_INV_MINNAME	Invalid minor name

Table 861. PROGDEF FEEDBACK error codes (continued)

Value	Code	Description
29	PROGDEF_NOTIFY	Notify
30	PROGDEF_PARTIAL_INSTALL	Partial install
31	PROGDEF_NOTHING_INSTALLED	Nothing installed
32	PROGDEF_NO_TARGETS	No targets
33	PROGDEF_NO_RELATED	No related systems
34	PROGDEF_INV_TSCOPE	Invalid target scope
35	PROGDEF_INV_RSCOPE	Invalid related scope
36	PROGDEF_INV_USAGE	Invalid usage
37	PROGDEF_INV_MODE	Invalid mode
38	PROGDEF_INV_STATECHK	Invalid state check
39	PROGDEF_INV_FORCEINS	Invalid force install
40	PROGDEF_INV_NOTIFY	Invalid notify
41	PROGDEF_INV_OVERTYPE	Invalid oertype
42	PROGDEF_INV_OVRBLOCK	Invalid override block
43	PROGDEF_INV_ORSTRING	Invalid override string
44	PROGDEF_INV_STRNGTERM	Invalid string term
45	PROGDEF_INV_EMBEDTERM	Invalid embedded terminator
46	PROGDEF_INV_ATTRIBUTE	Invalid attribute
47	PROGDEF_INV_LITERAL	Invalid literal
48	PROGDEF_INV_ORSTGNA	Invalid override string
49	PROGDEF_SCOPE_REQUIRED	Scope required
50	PROGDEF_USAGE_CONFLICT	Usage conflict
51	PROGDEF_NODEFS_SELECTED	No definitions selected
52	PROGDEF_MORE_THAN_1_RELSYS	More than one related system
53	PROGDEF_MISSING_RELSYSID	Missing related system identifier
54	PROGDEF_SCOPE_CONFLICT	Scope conflict
55	PROGDEF_INV_CSDGROUP	Invalid CSD group
56	PROGDEF_REC_NOT_REMOVED	Record not removed
57	PROGDEF_INV_RESOURCE	Invalid resource
58	PROGDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	PROGDEF_PARTIAL_ACTION	Partial action
60	PROGDEF_NOTHING_ACTIONED	Nothing actioned
61	PROGDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 861. PROGDEF FEEDBACK error codes (continued)

Value	Code	Description
62	PROGDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	PROGDEF_CSD_ERROR	CSD access error
64	PROGDEF_JVM_CONFLICT	JVMSERVER conflicts with JVMPROFILE
65	PROGDEF_JVM_MISSING	Either JVMSERVER or JVMPROFILE is required

Table 862. PROGDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
API	EYUDA	CPSM	4	Yes	LIKE	Application program interfaces	CICSAPI			36
API Input/output valid values	CICSAPI, OPENAPI									
CEDF	EYUDA	CPSM	4	Yes	LIKE	Display execution diagnostic facility (EDF) screens	YES			8
CEDF Input/output valid values	YES, NO									
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	38
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	40
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	39
CONCURRENCY	EYUDA	CPSM	4	Yes	LIKE	Concurrency status	QUASIRENT			30
CONCURRENCY Input/output valid values	N_A, QUASIRENT, THREADSAFE, REQUIRED									
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				23
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	42
DATALOCATION	CVDAS	CPSM	4	Yes	LIKE	Data location	ANY			9
DATALOCATION Input/output valid values	BELOW, ANY									
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		37
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				27
DYNAMIC	EYUDA	CPSM	4	Yes	LIKE	Dynamic routing status	NO			29
DYNAMIC Input/output valid values	YES, NO									
EXECKEY	CVDAS	CPSM	4	Yes	LIKE	Program execution key	USER			10
EXECKEY Input/output valid values	USER, CICS									
EXECUTIONSET	CVDAS	CPSM	4	Yes	LIKE	API subset restriction type	FULLAPI			11



Table 862. PROGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
EXECUTIONSET Input/output valid values	FULLAPI, DPLSUBSET									
HOTPOOL	EYUDA	CPSM	4	Yes	LIKE	Hot pooling status	NO		E640+	34
HOTPOOL Input/output valid values	YES, NO									
JVM	EYUDA	CPSM	4	Yes	LIKE	Java virtual machine (JVM) mode	NO			31
JVM Input/output valid values	YES, NO, DEBUG									
JVMCLASS	CHAR	CPSM	255	No	DIFF	Java virtual machine (JVM) class				32
JVMPROFILE	CHAR	CPSM	8	No	DIFF	Java virtual machine (JVM) profile			E680+	35
JVMSERVER	CHAR	CPSM	8	No	DIFF	Java virtual machine (JVM) server			E640 E650 E660	43
LANGUAGE	EYUDA	CPSM	4	Yes	LIKE	Language	N_A			12
LANGUAGE Input/output valid values	ASSEMBLER, C, COBOL, LE370, LEVSE, PLI, RPG, N_A									
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				7
RELOAD	EYUDA	CPSM	4	Yes	LIKE	Reload new copy	NO			13
RELOAD Input/output valid values	YES, NO									
REMOTENAME	CHAR	CPSM	8	No	DIFF	Program name in remote system				18
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	Remote system name				19
RESIDENT	EYUDA	CPSM	4	Yes	LIKE	Residence status	NO			17
RESIDENT Input/output valid values	YES, NO									
RSL	CHAR	CPSM	8	No	DIFF	Resource security value	0	0-24	E330+	22
RSL Input/output valid values	PUBLIC									
STATUS	CVDAS	CPSM	4	Yes	LIKE	Enabled status	ENABLED			14
STATUS Input/output valid values	ENABLED, DISABLED									
TRANSID	CHAR	CPSM	4	No	DIFF	Mirror transaction name for remote attach				20
USAGE	EYUDA	CPSM	4	Yes	LIKE	Program storage release	NORMAL			16
USAGE Input/output valid values	NORMAL, TRANSIENT									
USELPACOPY	EYUDA	CPSM	4	Yes	LIKE	Use program from the link pack area (LPA)	NO			15
USELPACOPY Input/output valid values	YES, NO									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				24
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				25
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				26



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## Chapter 362. PROGRAM Resource Table

A CICS Resource that describes a program in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is PROGRAM.

The following actions are supported:

**DISABLE**

Disable the program.

**DISCARD**

Remove the installed program.

**ENABLE**

Enable the program.

**NEWCOPY**

Load a new copy of the program.

CICS loads the new version from the DFHRPL or dynamic LIBRARY concatenation, or uses an LPA resident version, depending on the PRIVATE or SHARED options. PRIVATE is the default setting.

**PHASEIN**

CICS will use a new copy of the program for all new transaction requests. CICS continues to use the old copy for all currently running transactions until they have finished, and have a RESCOUNT value of zero. CICS loads the new version from the DFHRPL or dynamic LIBRARY concatenation, or uses an LPA resident version, depending on the PRIVATE or SHARED options. PRIVATE is the default setting.

**RELEASE**

Release a program that is previously loaded by a LOAD command. Therefore, the issuing task can no longer use the resource unless another LOAD is issued.

These actions require no unique parameter data.

**Note:**

1. The PLATFORM, APPLICATION, APPLMAJORVER, APPLMINORVER, and APPLMICROVER parameters are all required when the GET operation is in the context of an application that is deployed on a platform.
2. The CVDA value returned by CICS for the attribute APIST(CICSAPI) conflicts with an existing CVDA value. In order to retain the attribute's uniqueness, CICSplex SM adds 8000 to the value returned by CICS. For more information about translating CVDA values, see [TRANSLATE](#) command.

**External resource name**

CICSProgram

**Length**

800

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0017

<i>Table 863. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		APPLICATION(value)	No
		APPLMAJORVER(value)	No
		APPLMICROVER(value)	No
		APPLMINORVER(value)	No
		PLATFORM(value)	No
SET		None	N/A
PERFORM SET	DISABLE	None	N/A
	DISCARD	None	N/A
	ENABLE	None	N/A
	NEWCOPY	None	N/A
	PHASEIN	None	N/A
	RELEASE	None	N/A

<i>Table 864. PROGRAM FEEDBACK error codes</i>		
Value	Code	Description
1	PROGRAM_INCOMP_APPLCON	Incomplete application qualifier

<i>Table 865. PROGRAM resource table attributes</i>												
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Set Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name				
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release				
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved				
ALOADTIME	INT16US	CPSM			4	AVG	No	Average load time				37
APIST	CVDAS	INQ	PROGRAM	LPASTATUS	4	LIK E	No	API status				45
APIST Output valid values	CICSAPI, OPENAPI											
APPLICATION	CHAR	INQ	PROGRAM	APPLICATION	64	DIF F	No	Application Name		E64 0 E65 0 E66 0 E67 0		60

Table 865. PROGRAM resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Set Invalid	Attr ID
APPLMAJORVER	BINARY	INQ	PROGRAM	APPLMAJORVER	4	MAX	No	Major Version		E640 E650 E660 E670		63
APPLMICROVER	BINARY	INQ	PROGRAM	APPLMICROVER	4	MAX	No	Micro Version		E640 E650 E660 E670		65
APPLMINORVER	BINARY	INQ	PROGRAM	APPLMINORVER	4	MAX	No	Minor Version		E640 E650 E660 E670		64
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650		57
CEDFSTATUS	CVDAS	INQ	PROGRAM	CEDFSTATUS	4	LIKE	Yes	CEDF status				14
CEDFSTATUS Input/output valid values	CEDF, NOCEDF											
CEDFSTATUS Output valid values	NOTAPPLIC											
CHANGEAGENT	CVDAS	INQ	PROGRAM	CHANGEAGENT	4	LIKE	No	Last modification agent		E640 E650		49
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, SYSTEM, AUTOINSTALL, DYNAMIC, CREATESPI, NOTAPPLIC											
CHANGEAGREL	CHAR	INQ	PROGRAM	CHANGEAGREL	4	DIF	No	Last modification agent release		E640 E650		50
CHANGETIME	DATETIME	INQ	PROGRAM	DEFINETIME	8	MAX	No	Last modification time		E640 E650		52
CHANGEUSRID	CHAR	INQ	PROGRAM	CHANGEAGENT	8	DIF	No	Last modification user ID		E640 E650		48
COBOLTYPE	CVDAS	INQ	PROGRAM	COBOLTYPE	4	LIKE	No	COBOL type				23
COBOLTYPE Output valid values	COBOL, COBOLII, NOTINIT, NOTAPPLIC											
CONCURRENCY	CVDAS	INQ	PROGRAM	CONCURRENCY	4	LIKE	No	Concurrency option				30
CONCURRENCY Output valid values	THREADSAFE, QUASIRENT, REQUIRED											
COPY	CVDAS	INQ	PROGRAM	COPY	4	LIKE	Yes	Newcopy required status				28

Table 865. PROGRAM resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Set Invalid	Attr ID
COPY Input valid values	NEWCOPY, PHASEIN											
COPY Output valid values	REQUIRED, NOTREQUIRED											
CURRENTLOC	EYUDA	STAT	DFHLDRDS	LDRLOCN	4	LIKE	No	CICS DSA in which current copy is located				27
CURRENTLOC Output valid values	NOCOPY, DSA, CDSA, UDSA, LPA, EDSA, ECDSA, EUDSA, ERDSA, ELPA, ESDSA, RDSA, SDSA											
DATALOCATION	CVDAS	INQ	PROGRAM	DATALOCATION	4	LIKE	No	Data location				16
DATALOCATION Output valid values	BELOW, ANY, NOTAPPLIC											
DEFINESOURCE	CHAR	INQ	PROGRAM	DEFINESOURCE	8	DIF	No	Source of the resource definition		E640 E650		53
DEFINETIME	DATETIME	INQ	PROGRAM	DEFINETIME	8	MAX	No	Creation time		E640 E650		54
DYNAMSTATUS	CVDAS	INQ	PROGRAM	DYNAMSTATUS	4	LIKE	No	Dynamic routing type				29
DYNAMSTATUS Output valid values	DYNAMIC, NOTDYNAMIC											
ENTRYPOINT	ADDRESS	INQ	PROGRAM	ENTRYPOINT	4	MAX	No	Program entry point				21
EXECKEY	CVDAS	INQ	PROGRAM	EXECKEY	4	LIKE	No	Program execution key				19
EXECKEY Output valid values	CICSEXECKEY, USEREXECKEY, NOTAPPLIC											
EXECUTIONSET	CVDAS	INQ	PROGRAM	EXECUTIONSET	4	LIKE	Yes	API subset restriction type				20
EXECUTIONSET Input/output valid values	DPLSUBSET, FULLAPI											
EXECUTIONSET Output valid values	NOTAPPLIC											
FETCHCNT	BINARY	STAT	DFHLDRDS	LDRFC	4	AVG	No	Number of times program loaded into storage				7
FETCHTIME	INT16US	STAT	DFHLDRDS	LDRFT	4	MAX	No	Total time for all program fetches				17
HOLDSTATUS	CVDAS	INQ	PROGRAM	HOLDSTATUS	4	LIKE	No	Hold status				9
HOLDSTATUS Output valid values	HOLD, NOHOLD, NOTAPPLIC											
HOTPOOLING	CVDAS	INQ	PROGRAM	HOTPOOLING	4	LIKE	Yes	Hot pooling status		E640+	E640+	35
HOTPOOLING Input/output valid values	HOTPOOL, NOTHOTPOOL											
HOTPOOLING Output valid values	NOTAPPLIC											
INSTALLAGENT	CVDAS	INQ	PROGRAM	INSTALLAGENT	4	LIKE	No	Installation agent		E640 E650		51

Table 865. PROGRAM resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Set Invalid	Attr ID
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, SYSTEM, AUTOINSTALL, DYNAMIC, GRPLIST, BUNDLE											
INSTALLTIME	DATETIME	INQ	PROGRAM	INSTALLTIME	8	MAX	No	Installation time		E640 E650		56
INSTALLUSRID	CHAR	INQ	PROGRAM	INSTALLUSRID	8	DIF	No	Installation user ID		E640 E650		55
JVMCLASS	CHAR	INQ	PROGRAM	JVMCLASS	255	DIF	Yes	Java virtual machine class				33
JVMDEBUG	CVDAS	INQ	PROGRAM	JVMDEBUG	4	LIKE	Yes	Java virtual machine (JVM) debug status		E610+		32
JVMDEBUG Input/output valid values	DEBUG, NODEBUG											
JVMPROFILE	CHAR	INQ	PROGRAM	JVMPROFILE	8	DIF	Yes	Java virtual machine (JVM) profile name	DFHJVMP R	E680+		36
JVMSERVER	CHAR	INQ	PROGRAM	JVMSERVER	8	DIF	No	Java virtual machine (JVM) server		E640 E650 E660		58
LANGUAGE	CVDAS	INQ	PROGRAM	LANGDEDUCED	4	LIKE	No	Language				2
LANGUAGE Output valid values	COBOL, C, LE370, PLIPL1, ASSEMBLER, NOTDEFINED, NOTAPPLIC, LEVSE, JAVA											
LENGTH	CNUMERIC	INQ	PROGRAM	LENGTH	4	MAX	No	Program length				11
LIBRARY	CHAR	INQ	PROGRAM	LIBRARY	8	DIF	No	LIBRARY name		E640		46
LIBRARYDSN	CHAR	INQ	PROGRAM	LIBRARYDSN	44	DIF	No	Load data set name		E640		47
LOADPOINT	ADDRESS	INQ	PROGRAM	LOADPOINT	4	MAX	No	Program load point				22
LPASTAT	CVDAS	INQ	PROGRAM	LPASTATUS	4	LIKE	No	Link pack area (LPA) status				13
LPASTAT Output valid values	LPA, NOTLPA, NOTAPPLIC, SVA, NOTSVA											
NEWCOPYCNT	BINARY	STAT	DFHLDRDS	LDRTN	4	AVG	No	Number of NEWCOPY requests issued				3
OPERATION	CHAR	INQ	PROGRAM	OPERATION	64	DIF	Yes	Operation Name		E640 E650 E660 E670		62
PGRJUSECOUNT	BINARY	STAT	DFHPGRDS	PGR_JVMPROGRAM_USECOUNT	4	AVG	No	Number of times JVM program used since last reset				44

Table 865. PROGRAM resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Set Invalid	Attr ID
PLATFORM	CHAR	INQ	PROGRAM	PLATFORM	64	DIF F	No	Platform Name		E64 0 E65 0 E66 0 E67 0		61
<b>PROGRAM-1</b>	CHAR	INQ			8	DIF F	No	Program name				1
PROGTYPE	CVDAS	INQ	PROGRAM	PROGTYPE	4	LIK E	No	Program type				15
PROGTYPE Output valid values	PROGRAM, MAP, PARTITIONSET											
REMOTENAME	CHAR	INQ	PROGRAM	REMOTENAME	8	DIF F	No	Program name in remote system				24
REMOTESYSTEM	CHAR	INQ	PROGRAM	REMOTESYSTEM	4	DIF F	No	Remote system name				25
REMOVECNT	BINARY	STAT	DFHLDRDS	LDRRPC	4	AVG	No	Number of times removed by program compression				18
RESCOUNT	CNUMERIC	INQ	PROGRAM	RESCOUNT	4	SU M	No	Number of times program currently accessed				6
RESIDENCY	CVDAS	INQ			4	MA X	No	Program residency		E64 0 E65 0 E66 0 E67 0 E68 0		66
RESIDENCY Output valid values	RESIDENT, NONRESIDENT											
RLOADING	RATE3	CPSM			8	AVG	No	Rate of program loading				39
RPLID	BINARY	STAT	DFHLDRDS	LDRRPLO	4	AVG	No	Data set offset number				12
RREMOVAL	RATE3	CPSM			8	AVG	No	Rate of program removal				40
RUNTIME	CVDAS	INQ	PROGRAM	RUNTIME	4	LIK E	Yes	Runtime environment information				31
RUNTIME Input/output valid values	JVM											
RUNTIME Input valid values	NOJVM											
RUNTIME Output valid values	UNKNOWN, LE370, NONLE370, NOTAPPLIC, XPLINK											
RUSE	RATE3	CPSM			8	AVG	No	Rate of program use				41
SHARESTATUS	CVDAS	INQ	PROGRAM	SHARESTATUS	4	LIK E	Yes	Share status				10
SHARESTATUS Input/output valid values	PRIVATE, SHARED											
SHARESTATUS Output valid values	NOTAPPLIC											



Table 865. PROGRAM resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Set Invalid	Attr ID
STATUS	CVDAS	INQ	PROGRAM	STATUS	4	LIKE	Yes	Enabled status				8
STATUS Input/output valid values	ENABLED, DISABLED											
TRANSID	CHAR	INQ	PROGRAM	TRANSID	4	DIFF	No	Mirror transaction name for remote attach				26
USEAGELSTAT	BINARY	STAT	DFHLDRDS	LDRTU	4	AVG	No	Number of times program was used since last reset				5
USECOUNT	CNUMERIC	INQ	PROGRAM	USECOUNT	4	SUM	No	Total number of times program was executed				4
USEFETCH	AVERAGE3	CPSM			8	AVG	No	Average number of program uses per fetch				38



## Chapter 363. PROINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a profile definition (PROFDEF) in a resource group (RESGROUP). A PROFDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is PROFGROUP.

The **Secondary** key field for this resource class is PROFNAME.

The **Tertiary** key field for this resource class is PROFVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6153

<i>Table 866. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 867. PROINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	PROINGRP_INV_DATA	Attribute data invalid
2	PROINGRP_REC_NOT_FOUND	Requested resource not found
4	PROINGRP_REC_EXISTS	Resource already exists
6	PROINGRP_INV_RESTYPE	Invalid resource type
7	PROINGRP_INV_VER	Invalid resource version
11	PROINGRP_NON_MP	Maintenance point CMAS not available
12	PROINGRP_INV_CONTEXT	Context not found

Table 867. PROINGRP FEEDBACK error codes (continued)

Value	Code	Description
21	PROINGRP_INCONSISTENT_SET	Inconsistent set
22	PROINGRP_DIFF_VERSION	Different version
23	PROINGRP_INV_NAME	Invalid name
24	PROINGRP_INV_MINNAME	Invalid minor name

Table 868. PROINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>PROFGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>PROFNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Profile definition name	6
<b>PROFVER-3</b>	BINARY	CPSM	1	Yes	AVG	Profile definition version	7

## Chapter 364. PRTNDEF Resource Table

A CICS Definition that describes a partition set, or display partition configuration.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a Partition Set Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionPartitionSet

### Length

168

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3807

<i>Table 869. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Value	Code	Description
1	PRTNDEF_INV_DATA	Attribute data invalid
2	PRTNDEF_REC_NOT_FOUND	Requested resource not found
4	PRTNDEF_REC_EXISTS	Resource already exists
5	PRTNDEF_REC_CHANGED	Resource definition already changed
6	PRTNDEF_INV_RESTYPE	Invalid resource type
7	PRTNDEF_INV_VER	Invalid resource version
11	PRTNDEF_NON_MP	Maintenance point CMAS not available
12	PRTNDEF_INV_CONTEXT	Context not found
13	PRTNDEF_INCONSISTENT_SET	Inconsistent set condition
14	PRTNDEF_INV_RESGROUP	Resource group not found
21	PRTNDEF_INV_ACTION	Invalid action
22	PRTNDEF_INV_RECADDR	Invalid record address
23	PRTNDEF_INV_RECLEN	Invalid record length
24	PRTNDEF_DIFF_VERSION	Different version
25	PRTNDEF_EARLY_NAMELIST_END	Early name list end
26	PRTNDEF_INV_NAMELIST	Invalid name list
27	PRTNDEF_INV_NAME	Invalid name
28	PRTNDEF_INV_MINNAME	Invalid minor name

Table 870. PRTNDEF FEEDBACK error codes (continued)

<b>Value</b>	<b>Code</b>	<b>Description</b>
29	PRTNDEF_NOTIFY	Notify
30	PRTNDEF_PARTIAL_INSTALL	Partial install
31	PRTNDEF_NOTHING_INSTALLED	Nothing installed
32	PRTNDEF_NO_TARGETS	No targets
33	PRTNDEF_NO_RELATED	No related systems
34	PRTNDEF_INV_TSCOPE	Invalid target scope
35	PRTNDEF_INV_RSCOPE	Invalid related scope
36	PRTNDEF_INV_USAGE	Invalid usage
37	PRTNDEF_INV_MODE	Invalid mode
38	PRTNDEF_INV_STATECHK	Invalid state check
39	PRTNDEF_INV_FORCEINS	Invalid force install
40	PRTNDEF_INV_NOTIFY	Invalid notify
41	PRTNDEF_INV_OVERTYPE	Invalid oertype
42	PRTNDEF_INV_OVRBLOCK	Invalid override block
43	PRTNDEF_INV_ORSTRING	Invalid override string
44	PRTNDEF_INV_STRNGTERM	Invalid string term
45	PRTNDEF_INV_EMBEDTERM	Invalid embedded terminator
46	PRTNDEF_INV_ATTRIBUTE	Invalid attribute
47	PRTNDEF_INV_LITERAL	Invalid literal
48	PRTNDEF_INV_ORSTGNA	Invalid override string
49	PRTNDEF_SCOPE_REQUIRED	Scope required
50	PRTNDEF_USAGE_CONFLICT	Usage conflict
51	PRTNDEF_NODEFS_SELECTED	No definitions selected
52	PRTNDEF_MORE_THAN_1_RELSYS	More than one related system
53	PRTNDEF_MISSING_RELSYSID	Missing related system identifier
54	PRTNDEF_SCOPE_CONFLICT	Scope conflict
55	PRTNDEF_INV_CSDGROUP	Invalid CSD group
56	PRTNDEF_REC_NOT_REMOVED	Record not removed
57	PRTNDEF_INV_RESOURCE	Invalid resource
58	PRTNDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	PRTNDEF_PARTIAL_ACTION	Partial action
60	PRTNDEF_NOTHING_ACTIONED	Nothing actioned
61	PRTNDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 870. PRTNDEF FEEDBACK error codes (continued)

Value	Code	Description
62	PRTNDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	PRTNDEF_CSD_ERROR	CSD access error

Table 871. PRTNDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	19
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	21
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	20
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				13
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	23
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		18
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				17
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				7
RESIDENT	EYUDA	CPSM	4	Yes	LIKE	Residence status	NO			8
RESIDENT Input/output valid values	YES, NO									
RSL	CHAR	CPSM	8	No	DIFF	Resource security value	0	0-24	E330 +	12
RSL Input/output valid values	PUBLIC									
STATUS	CVDAS	CPSM	4	Yes	LIKE	Partition set status	ENABLED			9
STATUS Input/output valid values	ENABLED, DISABLED									
USAGE	EYUDA	CPSM	4	Yes	LIKE	Partition set storage release	NORMAL			10
USAGE Input/output valid values	NORMAL, TRANSIENT									
USELPACOPY	EYUDA	CPSM	4	Yes	LIKE	Use copy of partition set from link pack area (LPA)	NO			11
USELPACOPY Input/output valid values	YES, NO									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				14
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				15
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				16



## Chapter 365. RASGNDEF Resource Table

A CPSM Business Application Services Definition that describes how CICS Definitions of a particular resource class are assigned to and installed in a set of CICS systems.

The **Primary** key field for this resource class is RESASSGN.

**External resource name**

CICSResourceAssignmentDefinition

**Length**

1280

**Usage**

API or Batch Utility or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt3520

<i>Table 872. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDTODSC	DESCCODEPAGE(value)	No
		DESCRIPTION(value)	No
		RESDESC(value)	Yes
		RESGROUP(value)	No
		RSCOPE(value)	No
		TSCOPE(value)	No

<i>Table 873. RASGNDEF FEEDBACK error codes</i>		
Value	Code	Description
1	RASGNDEF_INV_DATA	Attribute data invalid

Table 873. RASGNDEF FEEDBACK error codes (continued)

Value	Code	Description
2	RASGNDEF_REC_NOT_FOUND	Requested resource not found
4	RASGNDEF_REC_EXISTS	Resource already exists
5	RASGNDEF_REC_CHANGED	Resource definition already changed
6	RASGNDEF_INV_RESTYPE	Invalid resource type
11	RASGNDEF_NON_MP	Maintenance point CMAS not available
12	RASGNDEF_INV_CONTEXT	Context not found
13	RASGNDEF_INCONSISTENT_SET	Inconsistent set condition
21	RASGNDEF_INV_RECORD	Invalid record
22	RASGNDEF_INV_ACTION	Invalid action
23	RASGNDEF_INCOMPLETE_DEFSET	Incomplete definition set
24	RASGNDEF_INCONSISTENT_SCOPES	Inconsistent scopes
25	RASGNDEF_RASGNDEF_IN_USE	Resource assignment definition in use
26	RASGNDEF_INV_NAME	Name generic or blanks
27	RASGNDEF_REFASSGN_NOTFND	Referenced resource assignment not found

Table 874. RASGNDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			20
CHANGEAGENT Input/output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			23
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			22
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			21
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	19
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description			18
FILTER	CHAR	CPSM	80 0	No	DIFF	Filter string			15
MODE	EYUDA	CPSM	4	Yes	LIKE	Resource usage qualifier	N_A		12
MODE Input/output valid values	AUTO, DYNAM, EXTRA, INTRA, IND, STAT, N_A								
ORSTRING	CHAR	CPSM	32 0	No	DIFF	Override string			17
OVERRIDE	EYUDA	CPSM	4	Yes	LIKE	Scope that override is applied to	NONE		13
OVERRIDE Input/output valid values	BOTH, RELATED, TARGET, NONE								
RDEFTYPE	CHAR	CPSM	8	Yes	DIFF	Resource type			9
REFASSGN	CHAR	CPSM	8	No	DIFF	Referenced resource assignment name			10
<b>RESASSGN-1</b>	CHAR	CPSM	8	Yes	DIFF	Name			5

Table 874. RASGNDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
RESGROUP	CHAR	CPSM	8	No	DIFF	Resource group			8
RSCOPE	CHAR	CPSM	8	No	DIFF	Related scope			7
TSCOPE	CHAR	CPSM	8	No	DIFF	Target scope			6
USAGE	EYUDA	CPSM	4	Yes	LIKE	Resource usage			11
USAGE Input/output valid values	LOCAL, REMOTE								



## Chapter 366. RASINDSC Resource Table

A CPSM Business Application Services Definition that describes the membership of a resource assignment (RASGNDEF) in a resource description (RESDESC).

The **Primary** key field for this resource class is RESDESC.

The **Secondary** key field for this resource class is RESASSGN.

There are no object specific actions for this resource class.

**External resource name**

CICSResourceAssignmentInDescription

**Length**

144

**Usage**

API or Batch Utility or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt4866

<i>Table 875. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

<i>Table 876. RASINDSC FEEDBACK error codes</i>		
Value	Code	Description
1	RASINDSC_INV_DATA	Attribute data invalid
2	RASINDSC_REC_NOT_FOUND	Requested resource not found
4	RASINDSC_REC_EXISTS	Resource already exists
5	RASINDSC_REC_CHANGED	Resource definition already changed
6	RASINDSC_INV_RESTYPE	Invalid resource type
11	RASINDSC_NON_MP	Maintenance point CMAS not available

Table 876. RASINDSC FEEDBACK error codes (continued)

Value	Code	Description
12	RASINDSC_INV_CONTEXT	Context not found
13	RASINDSC_INCONSISTENT_SET	Inconsistent set condition
21	RASINDSC_INV_RECORD	Invalid record
22	RASINDSC_INV_ACTION	Invalid action
23	RASINDSC_INCOMPLETE_DEFSET	Incomplete definition set
24	RASINDSC_REASSIGN_NOTFND	Referenced resource assignment not found
25	RASINDSC_INCONSISTENT_SCOPES	Inconsistent scopes
26	RASINDSC_INV_NAME	Invalid name
27	RASINDSC_INV_MINNAME	Invalid minor name

Table 877. RASINDSC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			12
CHANGEAGENT Input/ output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			15
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			14
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			13
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	11
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description			10
<b>RESASSGN-2</b>	CHAR	CPSM	8	Yes	DIFF	Resource assignment (RASGNDEF) name			6
<b>RESDESC-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource description (RESDESC) name			5
RESGROUP	CHAR	CPSM	8	No	DIFF	Resource group name			9
RSCOPE	CHAR	CPSM	8	No	DIFF	Related scope name			8
TSCOPE	CHAR	CPSM	8	No	DIFF	Target scope name			7

## Chapter 367. RASPROC Resource Table

A CPSM Business Application Services Manager object that describes the set of CICS Definitions to be installed in CICS systems for a particular resource assignment (RASGNDEF), if the assignment is associated with a resource description (RESDESC). The CICS systems include all systems named in the target and related scopes (TARGET and RELATED) of the RASGNDEF.

This object is referenced within the scope of a CICSplex and resource assignment. As such, the resource assignment must be explicitly identified in the API GET command PARM option by coding the following text string:

```
PARM('RASGNDEF(resassign).')
```

where resassign = (Required) The name of a resource assignment.

Other parameters can also be specified, but the resource assignment name is required.

The **Primary** key field for this resource class is RESDEF.

The **Secondary** key field for this resource class is RDEFTYPE.

The **Tertiary** key field for this resource class is TSCOPE.

The **Fourth** key field for this resource class is RSCOPE.

The **Fifth** key field for this resource class is REFDEF.

The **Sixth** key field for this resource class is RESASSGN.

There are no object specific actions for this resource class.

### External resource name

CICSResourceByAssignment

### Length

88

### Usage

API or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt2610

Table 878. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		RASGNDEF(value)	Yes

Table 879. RASPROC FEEDBACK error codes

Value	Code	Description
21	RASPROC_RESASSGN_NOT_FOUND	Resource assignment not found

Table 880. RASPROC resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ALIAS	CHAR	CPSM	8	DIFF	Alias for remote definition	16
DEFVER	BINARY	CPSM	1	AVG	Resource definition version	12
MODE	EYUDA	CPSM	4	LIKE	Resource usage qualifier	11
MODE Output valid values	AUTO, DYNAM, EXTRA, INTRA, IND, STAT					
<b>RDEFTYPE-2</b>	CHAR	CPSM	8	DIFF	Resource definition type	5
<b>REFDEF-5</b>	CHAR	CPSM	8	DIFF	Referenced definition name	13
REFTYPE	CHAR	CPSM	8	DIFF	Referenced definition type	15
REFVER	CHAR	CPSM	2	DIFF	Referenced definition version	14
<b>RESASSGN-6</b>	CHAR	CPSM	8	DIFF	Resource assignment name	8
<b>RESDEF-1</b>	CHAR	CPSM	8	DIFF	Resource definition name	4
RESGROUP	CHAR	CPSM	8	DIFF	Resource group name	9
<b>RSCOPE-4</b>	CHAR	CPSM	8	DIFF	Related scope name	7
<b>TSCOPE-3</b>	CHAR	CPSM	8	DIFF	Target scope name	6
USAGE	EYUDA	CPSM	4	LIKE	Resource usage type	10
USAGE Output valid values	LOCAL, REMOTE					



## Chapter 368. RDSCPROC Resource Table

A CPSM Business Application Services Manager object that describes the set of CICS Definitions to be installed in CICS systems for a particular resource description (RESDESC).

This object is referenced within the scope of a CICSplex and resource description. As such, the resource description must be explicitly identified in the API GET command PARM option by coding the following text string:

```
PARM('RESDESC(resdesc).')
```

where resdesc = (Required) The name of a resource description.

Other parameters can also be specified, but the resource description name is required.

The **Primary** key field for this resource class is RESDEF.

The **Secondary** key field for this resource class is RDEFTYPE.

The **Tertiary** key field for this resource class is TSCOPE.

The **Fourth** key field for this resource class is RSCOPE.

The **Fifth** key field for this resource class is REFDEF.

The **Sixth** key field for this resource class is RESDESC.

There are no object specific actions for this resource class.

### External resource name

CICSResourceByDescription

### Length

96

### Usage

API or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt2609

<i>Table 881. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		RESDESC(value)	Yes

Table 882. RDSCPROC FEEDBACK error codes

Value	Code	Description
21	RDSCPROC_RESDESC_NOT_FOUND	Resource description not found

Table 883. RDSCPROC resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ALIAS	CHAR	CPSM	8	DIFF	Alias for remote definition	17
DEFVER	BINARY	CPSM	1	AVG	Resource definition version	13
MODE	EYUDA	CPSM	4	LIKE	Resource usage qualifier	12
MODE Output valid values	AUTO, DYNAM, EXTRA, INTRA, IND, STAT					
<b>RDEFTYPE-2</b>	CHAR	CPSM	8	DIFF	Resource definition type	5
<b>REFDEF-5</b>	CHAR	CPSM	8	DIFF	Referenced definition name	14
REFTYPE	CHAR	CPSM	8	DIFF	Referenced definition type	16
REFVER	CHAR	CPSM	2	DIFF	Referenced definition version	15
RESASSGN	CHAR	CPSM	8	DIFF	Resource assignment name	8
<b>RESDEF-1</b>	CHAR	CPSM	8	DIFF	Resource definition name	4
<b>RESDESC-6</b>	CHAR	CPSM	8	DIFF	Resource description name	10
RESGROUP	CHAR	CPSM	8	DIFF	Resource group name	9
<b>RSCOPE-4</b>	CHAR	CPSM	8	DIFF	Related scope name	7
<b>TSCOPE-3</b>	CHAR	CPSM	8	DIFF	Target scope name	6
USAGE	EYUDA	CPSM	4	LIKE	Resource usage type	11
USAGE Output valid values	LOCAL, REMOTE					

## Chapter 369. RECOVERY Resource Table

A CICS Resource that provides recovery manager information in an active system being managed by CICSplex SM.

The RECOVERY resource class does not provide an explicit key attribute. The set of object instances returned is a function of the scope in effect when the request is made.

There are no object specific actions for this resource class.

**External resource name**

CICSRecoveryManager

**Length**

160

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0124

Table 884. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 885. RECOVERY resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
RMGATSHTI	INTTSTP	STAT			8	AVG	Average time UOWs shunted for indoubt failure	29
RMGATSHTR	INTTSTP	STAT			8	AVG	Average UOW commit/backout failure shunt time	31
RMGCATSHTI	INTTSTP	STAT			8	AVG	Average current UOW shunt time for indoubt failure	30
RMGCATSHTR	INTTSTP	STAT			8	AVG	Average current commit/backout failure shunt time	32
RMGCSHIN	BINARY	STAT	DFHRMGDS	RMGCSHIN	4	AVG	Total UOWs currently shunted for indoubt failure	9

Table 885. RECOVERY resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
RMGCSHRO	BINARY	STAT	DFHRMGDS	RMGCSHRO	4	AVG	Current UOWs shunted for commit/backout failure	11
RMGCSHTI	INTTSTP	STAT	DFHRMGDS	RMGCSHTI	8	MAX	Time current UOWs shunted for indoubt failure	14
RMGCSHTR	INTTSTP	STAT	DFHRMGDS	RMGCSHTR	8	MAX	Current UOW shunt time for commit/backout failure	16
RMGIAFNW	BINARY	STAT	DFHRMGDS	RMGIAFNW	4	AVG	Total of indoubt actions forced by NOWAIT option	19
RMGIAFOP	BINARY	STAT	DFHRMGDS	RMGIAFOP	4	AVG	Total of indoubt actions forced by operator	20
RMGIAFOT	BINARY	STAT	DFHRMGDS	RMGIAFOT	4	AVG	Total of indoubt actions forced by other reasons	21
RMGIAFTI	BINARY	STAT	DFHRMGDS	RMGIAFTI	4	AVG	Total of indoubt actions forced by timeout	18
RMGIAFTR	BINARY	STAT	DFHRMGDS	RMGIAFTR	4	AVG	Total indoubt actions forced by definition	17
RMGIAMIS	BINARY	STAT	DFHRMGDS	RMGIAMIS	4	AVG	Total number of indoubt action mismatches	22
RMGNW61	BINARY	STAT	DFHRMGDS	RMGNW61	4	AVG	Total indoubt actions forced by LU61 NOWAIT option	24
RMGNWMRO	BINARY	STAT	DFHRMGDS	RMGNWMRO	4	AVG	Total indoubt actions forced by MRO NOWAIT option	25
RMGNWOTH	BINARY	STAT	DFHRMGDS	RMGNWOTH	4	AVG	Total indoubt actions forced by other NOWAIT	27
RMGNWRMI	BINARY	STAT	DFHRMGDS	RMGNWRMI	4	AVG	Total indoubt actions forced by RMI NOWAIT option	26
RMGNWTD	BINARY	STAT	DFHRMGDS	RMGNWTD	4	AVG	Total indoubt actions forced by TD NOWAIT option	23
RMGRESYN	BINARY	STAT	DFHRMGDS	RMGRESYN	4	AVG	Total resynchronization requests issued	7
RMGSYBWD	BINARY	STAT	DFHRMGDS	RMGSYBWD	4	AVG	Number of SYNCPOINT ROLLBACK requests issued	6
RMGSYFWD	BINARY	STAT	DFHRMGDS	RMGSYFWD	4	AVG	Number of SYNCPOINT requests issued	5
RMGTSHIN	BINARY	STAT	DFHRMGDS	RMGTSHIN	4	AVG	Total number of UOWs shunted for indoubt failure	8
RMGTSHRO	BINARY	STAT	DFHRMGDS	RMGTSHRO	4	AVG	Total of UOWs shunted for commit/backout failure	10
RMGTSHTI	INTTSTP	STAT	DFHRMGDS	RMGTSHTI	8	MAX	Total time UOWs shunted for indoubt failure	13
RMGTSHTR	INTTSTP	STAT	DFHRMGDS	RMGTSHTR	8	MAX	Total time UOWs shunted for commit/backout failure	15

## Chapter 370. REMFILE Resource Table

A CICS Resource that describes a remote file in an active CICS system being managed by CICSPlex SM.

The **Primary** key field for this resource class is FILE.

The following action is supported:

### DISCARD

Remove the installed Remote File

The DISCARD action requires no unique parameter data.

### External resource name

CICSRemoteFile

### Length

136

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0010

Table 886. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 887. REMFILE resource table attributes										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Inval id	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved			
ADDCNT	BINARY	STAT	DFHA17DS	A17DSWRA	4	AVG	Number of WRITE requests			10
BASDEFINEVER	BINARY	CPSM			1	AVG	BAS resource definition version	0	E640 E650	21

Table 887. REMFILE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Inval id	Attr ID
BROWSECNT	BINARY	STAT	DFHA17DS	A17DSBR	4	AVG	The number of READNEXT and READPREV requests			9
CHANGEAGENT	CVDAS	INQ	FILE	CHANGEAGENT	4	LIKE	Last modification agent		E640 E650	13
CHANGEAGENT Input/ output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, TABLE, SYSTEM, CREATESPI, NOTAPPLIC									
CHANGEAGREL	CHAR	INQ	FILE	CHANGEAGREL	4	DIFF	Last modification agent release		E640 E650	14
CHANGETIME	DATETIME	INQ	FILE	CHANGETIME	8	MAX	Last modification time		E640 E650	16
CHANGEUSRID	CHAR	INQ	FILE	CHANGEUSRID	8	DIFF	Last modification user ID		E640 E650	12
DEFINESOURCE	CHAR	INQ	FILE	DEFINESOURCE	8	DIFF	Source of the resource definition		E640 E650	17
DEFINETIME	DATETIME	INQ	FILE	DEFINETIME	8	MAX	Creation time		E640 E650	18
ENABLESTATUS	CVDAS	INQ	FILE	ENABLESTATUS	4	LIKE	Enable status		E330 +	4
ENABLESTATUS Output valid values	ENABLED, DISABLED, UNENABLED, DISABLING, NOTAPPLIC									
<b>FILE-1</b>	CHAR	INQ	FILE	FILE	8	DIFF	File ID			1
GETCNT	BINARY	STAT	DFHA17DS	A17DSRD	4	AVG	Number of READ requests			7
GETUPDCNT	BINARY	STAT	DFHA17DS	A17DSGU	4	AVG	Number of READ UPDATE requests			8
INSTALLAGENT	CVDAS	INQ	FILE	INSTALLAGENT	4	LIKE	Installation agent		E640 E650	15
INSTALLAGENT Input/ output valid values	CSDAPI, CREATESPI, TABLE, SYSTEM, GRPLIST									
INSTALLTIME	DATETIME	INQ	FILE	INSTALLTIME	8	MAX	Installation time		E640 E650	20
INSTALLUSRID	CHAR	INQ	FILE	INSTALLUSRID	8	DIFF	Installation user ID		E640 E650	19
KEYLENGTH	BINARY	INQ	FILE	KEYLENGTH	4	AVG	Key length			5
REMDELCNT	BINARY	STAT	DFHA17DS	A17DSDEL	4	AVG	Number of DELETE requests			6
REMOTENAME	CHAR	INQ			8	DIFF	Remote file name			2
REMOTESYSTEM	CHAR	INQ	FILE	REMOTESYSTEM	4	DIFF	Remote system name			3
UPDATECNT	BINARY	STAT	DFHA17DS	A17DSWRU	4	AVG	Number of REWRITE requests			11

## Chapter 371. REMTDQ Resource Table

A CICS Resource that describes a remote transient data queue in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is TDQUEUE.

The following action is supported:

### DISCARD

Remove the remote transient data queue.

The DISCARD action requires no unique parameter data.

### External resource name

CICSRemoteTDQueue

### Length

96

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0029

Table 888. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 889. REMTDQ resource table attributes										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Inval id	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved			
BASDEFINEVER	BINARY	CPSM			1	AVG	BAS resource definition version	0	E640 E650	14
CHANGEAGENT	CVDAS	INQ	TDQUEUE	CHANGEAGENT	4	LIKE	Last modification agent		E640 E650	5

Table 889. REMTDQ resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Inval id	Attr ID
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, SYSTEM, CREATESPI, NOTAPPLIC									
CHANGEAGREL	CHAR	INQ	TDQUEUE	CHANGEAGREL	4	DIFF	Last modification agent release		E640 E650	7
CHANGETIME	DATETIME	INQ	TDQUEUE	CHANGETIME	8	MAX	Last modification time		E640 E650	8
CHANGEUSRID	CHAR	INQ	TDQUEUE	CHANGEUSRID	8	DIFF	Last modification user ID		E640 E650	6
DEFINESOURCE	CHAR	INQ	TDQUEUE	DEFINESOURCE	8	DIFF	Source of the resource definition		E640 E650	9
DEFINETIME	DATETIME	INQ	TDQUEUE	DEFINETIME	8	MAX	Creation time		E640 E650	10
INSTALLAGENT	CV DAS	INQ	TDQUEUE	INSTALLAGENT	4	LIKE	Installation agent		E640 E650	13
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST, SYSTEM									
INSTALLTIME	DATETIME	INQ	TDQUEUE	INSTALLTIME	8	MAX	Installation time		E640 E650	12
INSTALLUSRID	CHAR	INQ	TDQUEUE	INSTALLUSRID	8	DIFF	Installation user ID		E640 E650	11
OUTCNT	BINARY	STAT			4	AVG	Number of I/O requests			4
REMOTENAME	CHAR	INQ	TDQUEUE	REMOTENAME	4	DIFF	Remote name			2
REMOTESYSTEM	CHAR	INQ	TDQUEUE	REMOTESYSTEM	4	DIFF	Remote system			3
<b>TDQUEUE-1</b>	CHAR	INQ	TDQUEUE	TDQUEUE	4	DIFF	Queue ID			1



## Chapter 372. REMTRAN Resource Table

A CICS Resource that describes a remote transaction in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is TRANID.

The following actions are supported:

**DISABLE**

Disable the remote transaction.

**DISCARD**

Remove the remote transaction.

**ENABLE**

Enable the remote transaction.

These actions require no unique parameter data.

**External resource name**

CICSRemoteTransaction

**Length**

368

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0023

<i>Table 890. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		None	N/A
SET		None	N/A
PERFORM SET	DISABLE	None	N/A
	DISCARD	None	N/A
	ENABLE	None	N/A

Table 891. REMTRAN FEEDBACK error codes

Value	Code	Description
1	REMTRAN_INV_DATA	Attribute data invalid

Table 892. REMTRAN resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			
APPLICATION	CHAR	INQ	TRANSACTION	APPLICATION	64	DIF F	No	Application Name		E640 E650 E660 E670 E680 E690	27
APPLMAJORVER	BINARY	INQ	TRANSACTION	APPLMAJORVER	4	MAX	No	Major Version		E640 E650 E660 E670 E680 E690	30
APPLMICROVER	BINARY	INQ	TRANSACTION	APPLMICROVER	4	MAX	No	Micro Version		E640 E650 E660 E670 E680 E690	32
APPLMINORVER	BINARY	INQ	TRANSACTION	APPLMINORVER	4	MAX	No	Minor Version		E640 E650 E660 E670 E680 E690	31
AVAILSTATUS	CVDAS	INQ	TRANSACTION	AVAILSTATUS	4	LIKE	No	Availability status		E640 E650 E660 E670 E680 E690	33
AVAILSTATUS Output valid values	AVAILABLE, UNAVAILABLE, NONE										
BASDEFINER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	25
CHANGEAGENT	CVDAS	INQ	TRANSACTION	CHANGEAGENT	4	LIKE	No	Last modification agent		E640 E650	16
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPbatch, SYSTEM, CREATESPI, NOTAPPLIC										
CHANGEAGREL	CHAR	INQ	TRANSACTION	CHANGEAGREL	4	DIF F	No	Last modification agent release		E640 E650	18
CHANGETIME	DATETIME	INQ	TRANSACTION	CHANGETIME	8	MAX	No	Last modification time		E640 E650	20
CHANGEUSRID	CHAR	INQ	TRANSACTION	CHANGEUSRID	8	DIF F	No	Last modification user ID		E640 E650	17
DEFINESOURCE	CHAR	INQ	TRANSACTION	DEFINESOURCE	8	DIF F	No	Source of the resource definition		E640 E650	21
DEFINETIME	DATETIME	INQ	TRANSACTION	DEFINETIME	8	MAX	No	Creation time		E640 E650	22

Table 892. REMTRAN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
INSTALLAGENT	CVDAS	INQ	TRANSACTION	INSTALLAGENT	4	LIKE	No	Installation agent		E640 E650	19
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, SYSTEM, GRPLIST, BUNDLE										
INSTALLTIME	DATETIME	INQ	TRANSACTION	INSTALLTIME	8	MAX	No	Installation time		E640 E650	24
INSTALLUSRID	CHAR	INQ	TRANSACTION	INSTALLUSRID	8	DIFF	No	Installation user ID		E640 E650	23
OPERATION	CHAR	INQ	TRANSACTION	OPERATION	64	DIFF	No	Operation Name		E640 E650 E660 E670 E680 E690	29
PLATFORM	CHAR	INQ	TRANSACTION	PLATFORM	64	DIFF	No	Platform Name		E640 E650 E660 E670 E680 E690	28
PRIORITY	BINARY	INQ	TRANSACTION	PRIORITY	4	AVG	Yes	Transaction priority			9
PROFILE	CHAR	INQ	TRANSACTION	PROFILE	8	DIFF	No	Profile name			4
PURGEABILITY	CVDAS	INQ	TRANSACTION	PURGEABILITY	4	LIKE	Yes	Purgeability status			10
PURGEABILITY Input/output valid values	PURGEABLE, NOTPURGEABLE										
REMOTECNT	BINARY	STAT	DFHXMRDS	XMRDRC	4	AVG	No	Number of times transaction run remotely			7
REMOTENAME	CHAR	INQ	TRANSACTION	REMOTENAME	8	DIFF	No	Remote transaction ID			2
REMOTESYSTEM	CHAR	INQ	TRANSACTION	REMOTESYSTEM	4	DIFF	No	Remote system name			3
REMSTARTCNT	CNUMERIC	STAT	DFHXMRDS	XMRRSC	4	SUM	No	Number of times transaction started			15
ROUTING	CVDAS	INQ	TRANSACTION	ROUTING	4	LIKE	No	Routing status			6
ROUTING Output valid values	DYNAMIC, STATIC										
RTIMEOUT	BINARY	INQ	TRANSACTION	RTIMEOUT	4	AVG	No	Read timeout (seconds)			11
SCRNSIZE	CVDAS	INQ	TRANSACTION	SCRNSIZE	4	LIKE	No	Screen size			12
SCRNSIZE Output valid values	DEFAULT, ALTERNATE, NOTAPPLIC										
STATUS	CVDAS	INQ	TRANSACTION	STATUS	4	LIKE	Yes	Enabled status			13
STATUS Input/output valid values	ENABLED, DISABLED										
TRANCLASS	CHAR	INQ	TRANSACTION	TRANCLASS	8	DIFF	Yes	Transaction class name			14
<b>TRANID-1</b>	CHAR	INQ	TRANSACTION	TRANSACTION	4	DIFF	No	Transaction ID			1
TRPROF	CHAR	INQ			8	DIFF	No	Name of transaction-routing-session profile			5

Table 892. REMTRAN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Su m	Set	Description	Default	Get Inval id	Attr ID
USECOUNT	BINARY	STAT	DFHXRDS	XMRAC	4	SUM	No	Number of times transaction has been used			8

## Chapter 373. REQID Resource Table

A CICS Resource that describes an outstanding interval control request in an active CICS system being managed by CICSplex SM .

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is RSEQ.

### External resource name

CICSIntervalControlRequest

### Length

80

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0060

Table 893. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	CANCEL	None	N/A

Table 894. REQID resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
FMHSTATUS	CVDAS	INQ	REQID	FMHSTATUS	4	LIKE	Function management headers status	9
FMHSTATUS Output valid values	FMH, NOFMH, NOTAPPLIC							
INTERVAL	DECTIME	INQ	REQID	INTERVAL	4	MAX	Interval until request expires	10
NAME-1	CHAR	INQ	REQID	REQID	8	MIN	Request name	1
QUEUE	CHAR	INQ	REQID	QUEUE	8	DIFF	QUEUE from START command that created request	8

Table 894. REQID resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
REQTYPE	CVDAS	INQ	REQID	REQTYPE	4	LIKE	Type of command that created request	3
REQTYPE Output valid values	START, POST, DELAY							
<b>RSEQ-2</b>	BINARY	CPSM			4	MIN	Sequence number	14
RTERMID	CHAR	INQ	REQID	RTERMID	4	DIFF	RTERMID from START command that created request	7
RTRANSID	CHAR	INQ	REQID	RTRANSID	4	DIFF	RTRANSID from START command that created request	6
TERMID	CHAR	INQ	REQID	TERMID	4	DIFF	TERMID from START command that created request	5
TIME	DECTIME	INQ	REQID	TIME	4	MAX	Expiration time	11
TRANSID	CHAR	INQ	REQID	TRANSID	4	DIFF	TRANSID specified by command creating request	2
USERID	CHAR	INQ	REQID	USERID	8	DIFF	Associated user ID	4

## Chapter 374. RESDESC Resource Table

A CPSM Business Application Services Definition that describes a set of logically related CICS Definitions. The set of CICS Definitions can be installed in CICS systems that support EXEC CICS CREATE and named as the scope for CICSplex SM requests.

The **Primary** key field for this resource class is RESDESC.

The following actions are supported:

### INSTALL

Install a Resource Description.

### REPLACE

Replace a Resource Description.

The parameter data for these actions is described in [Parameters for installing CICS definitions using BAS](#). For information about the API CREATE parameter **MODEL**, see [Creating Resource descriptions](#).

### External resource name

CICSResourceDescription

### Length

1144

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Definition

### Copybook identifier

EYUt3521

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		MODEL(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		STATECHK(YES, NO)	No

Table 895. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	REPLACE	CURRENT(value)	Yes
		FORCEINS(YES, NO)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		STATECHK(YES, NO)	No

Table 896. RESDESC FEEDBACK error codes

Value	Code	Description
1	RESDESC_INV_DATA	Attribute data invalid
2	RESDESC_REC_NOT_FOUND	Requested resource not found
4	RESDESC_REC_EXISTS	Resource already exists
5	RESDESC_REC_CHANGED	Resource definition already changed
6	RESDESC_INV_RESTYPE	Invalid resource type
11	RESDESC_NON_MP	Maintenance point CMAS not available
12	RESDESC_INV_CONTEXT	Context not found
13	RESDESC_INCONSISTENT_SET	Inconsistent set condition
21	RESDESC_INV_RECORD	Invalid record
22	RESDESC_INV_ACTION	Invalid action
23	RESDESC_INV_MODEL	Invalid model
24	RESDESC_INCOMPLETE_DEFSET	Incomplete definition set
25	RESDESC_INCONSISTENT_SCOPES	Inconsistent scopes
26	RESDESC_NOTIFY	Notify
27	RESDESC_INSRDSC_NOTFND	Install resource description not found
28	RESDESC_REPRDSC_NOTFND	Replacement resource description not found
29	RESDESC_PARTIAL_INSTALL	Partial install
30	RESDESC_NOTHING_INSTALLED	Nothing installed
31	RESDESC_NODEFS_SELECTED	No definitions selected
32	RESDESC_NO_TARGETS	No targets
33	RESDESC_INV_INSRDSC	Invalid install resource description name
34	RESDESC_INV_REPRDSC	Invalid replacement resource description name
35	RESDESC_INV_FORCEINS	Invalid force install
36	RESDESC_INV_STATECHK	Invalid state check
37	RESDESC_INV_NOTIFY	Invalid notify
38	RESDESC_INV_NAME	Name generic or blanks



Table 897. RESDESC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
ATMDEFGRG	CHAR	CPSM	8	No	DIFF	Resource group for Atom Service definitions			132
ATMDEFGRS	CHAR	CPSM	8	No	DIFF	Related scope for Atom Service definitions			134
ATMDEFGRS	CHAR	CPSM	8	No	DIFF	Target scope for Atom Service definitions			133
AUTOINST	EYUDA	CPSM	4	No	LIKE	Autoinstall request type	NO		9
AUTOINST Input/output valid values	NO, YES								
BUNDEFGRG	CHAR	CPSM	8	No	DIFF	Resource group for Bundle definitions			135
BUNDEFGRS	CHAR	CPSM	8	No	DIFF	Related scope for Bundle definitions			137
BUNDEFGRS	CHAR	CPSM	8	No	DIFF	Target scope for Bundle definitions			136
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			127
CHANGEAGENT Input/output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			130
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			129
CONDEFGRG	CHAR	CPSM	8	No	DIFF	Resource group for connection definitions			11
CONDEFGRS	CHAR	CPSM	8	No	DIFF	Related scope for connection definitions			13
CONDEFGRS	CHAR	CPSM	8	No	DIFF	Target scope for connection definitions			12
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			128
D2CDEFGRG	CHAR	CPSM	8	No	DIFF	Resource group for DB2 connection definitions			62
D2CDEFGRS	CHAR	CPSM	8	No	DIFF	Related scope for DB2 connection definitions			64
D2CDEFGRS	CHAR	CPSM	8	No	DIFF	Target scope for DB2 connection definitions			63
D2EDEFGRG	CHAR	CPSM	8	No	DIFF	Resource group for DB2 entry definitions			65
D2EDEFGRS	CHAR	CPSM	8	No	DIFF	Related scope for DB2 entry definitions			67
D2EDEFGRS	CHAR	CPSM	8	No	DIFF	Target scope for DB2 entry definitions			66
D2TDEFGRG	CHAR	CPSM	8	No	DIFF	Resource group for DB2 transaction definitions			68
D2TDEFGRS	CHAR	CPSM	8	No	DIFF	Related scope for DB2 transaction definitions			70
D2TDEFGRS	CHAR	CPSM	8	No	DIFF	Target scope for DB2 transaction definitions			69
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	120
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description			10
DOCDEFGRG	CHAR	CPSM	8	No	DIFF	Resource group for document template definitions			84

Table 897. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
DOCDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for document template definitions			86
DOCDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for document template definitions			85
EJCDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for CorbaServer definitions			105
EJCDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for CorbaServer definitions			107
EJCDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for CorbaServer definitions			106
EJDDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for CICS-deployed JAR file definitions			108
EJDDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for CICS-deployed JAR file definitions			110
EJDDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for CICS-deployed JAR file definitions			109
ENQDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for enqueue model definitions			78
ENQDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for enqueue model definitions			80
ENQDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for enqueue model definitions			79
FLEDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for file definitions			14
FLEDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for file definitions			16
FLEDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for file definitions			15
FNODEFRG	CHAR	CPSM	8	No	DIFF	Resource group for FEPI node definitions			99
FNODEFRS	CHAR	CPSM	8	No	DIFF	Related scope for FEPI node definitions			101
FNODEFTS	CHAR	CPSM	8	No	DIFF	Target scope for FEPI node definitions			100
FPODEFRG	CHAR	CPSM	8	No	DIFF	Resource group for FEPI pool definitions			93
FPODEFRS	CHAR	CPSM	8	No	DIFF	Related scope for FEPI pool definitions			95
FPODEFTS	CHAR	CPSM	8	No	DIFF	Target scope for FEPI pool definitions			94
FPRDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for FEPI property set definitions			102
FPRDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for FEPI property set definitions			104
FPRDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for FEPI property set definitions			103
FSGDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for file key segment definitions			71
FSGDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for file key segment definitions			73
FSGDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for file key segment definitions			72

Table 897. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
FTRDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for FEPI target definitions			96
FTRDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for FEPI target definitions			98
FTRDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for FEPI target definitions			97
IPCDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for IPIC connection definitions			121
IPCDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for IPIC connection definitions			123
IPCDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for IPIC connection definitions			122
JMSDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for JVM server definitions			141
JMSDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for JVM Sever definitions			143
JMSDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for JVM server definitions			142
JRLDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for journal definitions			17
JRLDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for journal definitions			19
JRLDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for journal definitions			18
JRMDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for journal model definitions			20
JRMDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for journal model definitions			22
JRMDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for journal model definitions			21
LIBDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for LIBRARY definitions			124
LIBDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for LIBRARY definitions			126
LIBDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for LIBRARY definitions			125
LSCOPE	CHAR	CPSM	8	No	DIFF	Logical scope name			6
LSRDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for LSR pool definitions			23
LSRDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for LSR pool definitions			25
LSRDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for LSR pool definitions			24
LSREGSTR	EYUDA	CPSM	4	No	LIKE	Logical scope registration	NO		8
LSREGSTR Input/output valid values	NO, YES								
MAPDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for map set definitions			26
MAPDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for map set definitions			28
MAPDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for map set definitions			27
MQCDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for MQ Connection definitions			138

Table 897. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
MQCDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for MQ Connection definitions			140
MQCDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for MQ Connection definitions			139
MQMDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for MQ Monitor definitions			144
MQMDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for MQ Monitor definitions			146
MQMDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for MQ Monitor definitions			145
PARDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for partner definitions			29
PARDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for partner definitions			31
PARDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for partner definitions			30
PIPDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for Pipeline definitions			111
PIPDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for Pipeline definitions			113
PIPDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for Pipeline definitions			112
PRCDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for process type definitions			87
PRCDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for process type definitions			89
PRCDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for process type definitions			88
PRGDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for program definitions			38
PRGDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for program definitions			40
PRGDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for program definitions			39
PRODEFRG	CHAR	CPSM	8	No	DIFF	Resource group for profile definitions			35
PRODEFRS	CHAR	CPSM	8	No	DIFF	Related scope for profile definitions			37
PRODEFTS	CHAR	CPSM	8	No	DIFF	Target scope for profile definitions			36
PRTDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for partition set definitions			32
PRTDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for partition set definitions			34
PRTDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for partition set definitions			33
<b>RESDESC-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource description name			5
RGSCOPE	CHAR	CPSM	8	No	DIFF	Resource group scope name			7
RQMDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for request model definitions			90
RQMDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for request model definitions			92

Table 897. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
RQMDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for request model definitions			91
SESDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for session definitions			41
SESDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for session definitions			43
SESDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for session definitions			42
TCLDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for transaction class definitions			53
TCLDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for transaction class definitions			55
TCLDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for transaction class definitions			54
TCPDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for TCP/IP service definitions			81
TCPDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for TCP/IP service definitions			83
TCPDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for TCP/IP service definitions			82
TDQDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for TD queue definitions			44
TDQDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for TD queue definitions			46
TDQDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for TD queue definitions			45
TRMDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for terminal definitions			47
TRMDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for terminal definitions			49
TRMDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for terminal definitions			48
TRNDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for transaction definitions			50
TRNDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for transaction definitions			52
TRNDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for transaction definitions			51
TSMDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for TS model definitions			75
TSMDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for TS model definitions			77
TSMDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for TS model definitions			76
TYPDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for typeterm definitions			59
TYPDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for typeterm definitions			61
TYPDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for typeterm definitions			60
URIDDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for URIMAP definitions			114
URIDDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for URIMAP definitions			116

Table 897. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
URIDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for URIMAP definitions			115
WEBDEFRG	CHAR	CPSM	8	No	DIFF	Resource group for WebService definitions			117
WEBDEFRS	CHAR	CPSM	8	No	DIFF	Related scope for WebService definitions			119
WEBDEFTS	CHAR	CPSM	8	No	DIFF	Target scope for WebService definitions			118

## Chapter 375. RESGROUP Resource Table

A CICSplex SM Business Application Services Definition that provides the association anchor for a set of CICS Definitions. References to a RESGROUP are inferred to be references to the set of associated CICS Definition instances.

The **Primary** key field for this resource class is RESGROUP.

The following actions are supported:

### INSTALL

Install definitions from a Resource Group.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

For information on the API CREATE parameters (MODEL and MODE), see [Parameters for managing CICS Definitions](#).

### External resource name

CICSResourceGroup

### Length

112

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Definition

### Copybook identifier

EYUt3519

<i>Table 898. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		MODE(NO, ASSOCIATIONS, MEMBERS)	No
		MODEL(value)	No
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	ASSIGNMENT(value)	No
		CRITERIA	No

Table 898. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
		FORCEINS(YES, NO)	No
		MODE(DYNAM, STAT, INTRA, EXTRA, IND)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		REFASSIGN(value)	No
		RELATED(value)	No
		RESTYPE(ATOMDEF, BUNDEF, CONNDEF, DB2CDEF, DB2EDEF, DB2TDEF, DOCDEF, EJCODEF, EJDJDEF, ENQMDEF, FENODDEF, FEPOODEF, FEPRODEF, FETRGDEF, FILEDEF, FSEGDEF, IPCONDEF, JRNLDEF, JRNMDEF, JVMSVDEF, LIBDEF, LSRDEF, MAPDEF, MQCONDEF, MQMONDEF, PARTDEF, PIPEDEF, PROCDEF, PROFDEF, PROGDEF, PRTNDEF, RQMDEF, SESSDEF, TCPDEF, TDQDEF, TERMDEF, TRANDEF, TRNCLDEF, TSMDEF, TYPTMDEF, URIMPDEF, WEBSVDEF)	No
		STATECHK(YES, NO)	No
		TARGET(value)	No
		USAGE(LOCAL, REMOTE)	No
	ADDTODSC	DESCCODEPAGE(value)	No
		DESCRIPTION(value)	No
		RESDESC(value)	Yes

Table 899. RESGROUP FEEDBACK error codes

Value	Code	Description
1	RESGROUP_INV_DATA	Attribute data invalid
2	RESGROUP_REC_NOT_FOUND	Requested resource not found
4	RESGROUP_REC_EXISTS	Resource already exists
5	RESGROUP_REC_CHANGED	Resource definition already changed
6	RESGROUP_INV_RESTYPE	Invalid resource type
11	RESGROUP_NON_MP	Maintenance point CMAS not available
12	RESGROUP_INV_CONTEXT	Context not found
21	RESGROUP_INV_RECORD	Invalid record
22	RESGROUP_INV_COPYRES	Invalid copy mode
23	RESGROUP_INV_MODEL	Invalid model
24	RESGROUP_INV_MODEL_REQUIRED	Model name required
25	RESGROUP_INV_MAX_VERSIONS	Invalid maximum versions



Table 899. RESGROUP FEEDBACK error codes (continued)

<b>Value</b>	<b>Code</b>	<b>Description</b>
26	RESGROUP_INCOMPLETE_DEFSET	Incomplete definition set
27	RESGROUP_RESGROUP_IN_USE	Resource group in use
28	RESGROUP_RASGNDEF_IN_USE	Resource assignment definition in use
29	RESGROUP_INV_NAME	Invalid name
30	RESGROUP_NOTIFY	Notify
31	RESGROUP_PARTIAL_INSTALL	Partial install
32	RESGROUP_NOTHING_INSTALLED	Nothing installed
33	RESGROUP_NO_TARGETS	No targets
34	RESGROUP_NO_RELATED	No related systems
35	RESGROUP_INV_TSCOPE	Invalid target scope
36	RESGROUP_INV_RSCOPE	Invalid related scope
37	RESGROUP_INV_USAGE	Invalid usage
38	RESGROUP_INV_MODE	Invalid mode value
39	RESGROUP_INV_STATECHK	Invalid state check
40	RESGROUP_INV_FORCEINS	Invalid force install
41	RESGROUP_INV_NOTIFY	Invalid notify
42	RESGROUP_INV_OVERTYPE	Invalid oertype
43	RESGROUP_INV_OVRBLOCK	Invalid override block
44	RESGROUP_INV_FILTER	Invalid filter
45	RESGROUP_INV_ORSTRING	Invalid override string
46	RESGROUP_INV_STRNGTERM	Invalid string terminator
47	RESGROUP_INV_EMBEDTERM	Invalid embedded terminator
48	RESGROUP_INV_ATTRIBUTE	Invalid attribute
49	RESGROUP_INV_OPERATOR	Invalid operator
50	RESGROUP_INV_LITERAL	Invalid literal
51	RESGROUP_INV_ORSTGNA	Override string not allowed
52	RESGROUP_RSCOPE_REQUIRED	Related scope required
53	RESGROUP_TSCOPE_REQUIRED	Target scope required
54	RESGROUP_USAGE_CONFLICT	Usage conflict
55	RESGROUP_REFASSGN_REQ	Referenced resource assignment required
56	RESGROUP_REFASSIGN_NOTFND	Referenced resource assignment not found
57	RESGROUP_RESTYPE_NOTINSTL	Resource type not installed
58	RESGROUP_NODEFS_SELECTED	No definitions selected

Table 899. RESGROUP FEEDBACK error codes (continued)

Value	Code	Description
59	RESGROUP_INCOMPATIBLE_OVR	Incompatible override
60	RESGROUP_INCOMPATIBLE_FILTER	Incompatible filter
61	RESGROUP_MORE_THAN_1_RELSYS	More than one related system
62	RESGROUP_MISSING_RELSYSID	Missing related system identifier
63	RESGROUP_SCOPE_CONFLICT	Scope conflict
64	RESGROUP_INV_ACTION	Invalid action
65	RESGROUP_INCONSISTENT_SET	Inconsistent set

Table 900. RESGROUP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/ output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			9
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	7
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description			6
<b>RESGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Name			5

## Chapter 376. RESINDSC Resource Table

A CPSM Business Application Services Definition that describes the membership of a resource group (RESGROUP) in a resource description (RESDESC).

The **Primary** key field for this resource class is RESDESC.

The **Secondary** key field for this resource class is RESGROUP.

There are no object specific actions for this resource class.

**External resource name**

CICSResourceGroupInDescription

**Length**

120

**Usage**

API or Batch Utility or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt4865

<i>Table 901. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

<i>Table 902. RESINDSC FEEDBACK error codes</i>		
Value	Code	Description
1	RESINDSC_INV_DATA	Attribute data invalid
2	RESINDSC_REC_NOT_FOUND	Requested resource not found
4	RESINDSC_REC_EXISTS	Resource already exists
5	RESINDSC_REC_CHANGED	Resource definition already changed
6	RESINDSC_INV_RESTYPE	Invalid resource type
11	RESINDSC_NON_MP	Maintenance point CMAS not available

Table 902. RESINDSC FEEDBACK error codes (continued)

Value	Code	Description
12	RESINDSC_INV_CONTEXT	Context not found
13	RESINDSC_INCONSISTENT_SET	Inconsistent set condition
21	RESINDSC_INV_RECORD	Invalid record
22	RESINDSC_INV_ACTION	Invalid action
23	RESINDSC_RESDESC_NOUPD	Resource description not updatable
24	RESINDSC_RESGROUP_NOUPD	Resource group not updatable
25	RESINDSC_INV_NAME	Invalid name
26	RESINDSC_INV_MINNAME	Invalid minor name

Table 903. RESINDSC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			9
CHANGEAGENT Input/ output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			12
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			11
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	8
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description			7
<b>RESDESC-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource description name			5
<b>RESGROUP-2</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name			6

## Chapter 377. RESINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a resource definition in a resource group (RESGROUP). A resource definition can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is RESGROUP.

The **Secondary** key field for this resource class is DEFTYPE.

The **Tertiary** key field for this resource class is DEFNAME.

The **Fourth** key field for this resource class is DEFVER.

The following action is supported:

### REMOVE

Remove the association between a resource definition and a resource group.

The REMOVE action requires no unique parameter data.

### External resource name

CICSResourceInGroup

### Length

136

### Usage

API or WUI or CICS Management Client Interface

### API view

Yes

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Definition

### Copybook identifier

EYUt6144

<i>Table 904. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		RESGROUP(value)	No
		RESNAME(value)	No
		RESTYPE(value)	No
		RESVER(value)	No
REMOVE		None	N/A

Table 905. RESINGRP FEEDBACK error codes

Value	Code	Description
2	RESINGRP_REC_NOT_FOUND	Requested resource not found
6	RESINGRP_INV_RESTYPE	Invalid resource type
7	RESINGRP_INV_VER	Invalid resource version
11	RESINGRP_NON_MP	Maintenance point CMAS not available
12	RESINGRP_INV_CONTEXT	Context not found
23	RESINGRP_INV_NAME	Invalid name
24	RESINGRP_INV_MINNAME	Invalid minor name

Table 906. RESINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			14
CHANGEAGENT Input/ output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			17
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			16
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			15
DEFDESC	CHAR	CPSM	58	No	DIFF	Resource definition description			9
<b>DEFNAME-3</b>	CHAR	CPSM	8	Yes	DIFF	Resource definition			7
<b>DEFTYPE-2</b>	CHAR	CPSM	8	Yes	DIFF	Resource definition type			6
DEFTYPEX	RESTYPE	CPSM	2	Yes	LIKE	Resource definition ID			11
<b>DEFVER-4</b>	BINARY	CPSM	1	Yes	AVG	Resource definition version	0	0-15	8
INGPTYPE	CHAR	CPSM	8	Yes	LIKE	Resource in group type			12
INGPTYPX	RESTYPE	CPSM	2	Yes	LIKE	Resource in group ID			13
<b>RESGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group			5

## Chapter 378. RPLLIST Resource Table

A CICS resource that describes a data set in the DFHRPL concatenation sequence.

The **Primary** key field for this resource class is RPLNUM.

There are no object specific actions for this resource class.

**External resource name**

CICSDFHRPLDataSet

**Length**

64

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0018

<i>Table 907. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A

<i>Table 908. RPLLIST resource table attributes</i>								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
DSNAME	CHAR	CPSM			44	DIFF	Static RPL data set name	2
<b>RPLNUM-1</b>	BINARY	CPSM			4	AVG	Static RPL data set position	1





## Chapter 379. RQMDEF Resource Table

A CICS Definition that describes a request model.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a Request Model Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionRequestModel

### Length

1288

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3826

<i>Table 909. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Value	Code	Description
1	RQMDEF_INV_DATA	Attribute data invalid
2	RQMDEF_REC_NOT_FOUND	Requested resource not found
4	RQMDEF_REC_EXISTS	Resource already exists
5	RQMDEF_REC_CHANGED	Resource definition already changed
6	RQMDEF_INV_RESTYPE	Invalid resource type
7	RQMDEF_INV_VER	Invalid resource version
11	RQMDEF_NON_MP	Maintenance point CMAS not available
12	RQMDEF_INV_CONTEXT	Context not found
13	RQMDEF_INCONSISTENT_SET	Inconsistent set condition
14	RQMDEF_INV_RESGROUP	Resource group not found
21	RQMDEF_INV_ACTION	Invalid action
22	RQMDEF_INV_RECADDR	Invalid record address
23	RQMDEF_INV_RECLEN	Invalid record length
24	RQMDEF_DIFF_VERSION	Different version
25	RQMDEF_EARLY_NAMELIST_END	Early name list end
26	RQMDEF_INV_NAMELIST	Invalid name list
27	RQMDEF_INV_NAME	Invalid name
28	RQMDEF_INV_MINNAME	Invalid minor name

Table 910. RQMDEF FEEDBACK error codes (continued)

<b>Value</b>	<b>Code</b>	<b>Description</b>
29	RQMDEF_NOTIFY	Notify
30	RQMDEF_PARTIAL_INSTALL	Partial install
31	RQMDEF_NOTHING_INSTALLED	Nothing installed
32	RQMDEF_NO_TARGETS	No targets
33	RQMDEF_NO_RELATED	No related systems
34	RQMDEF_INV_TSCOPE	Invalid target scope
35	RQMDEF_INV_RSCOPE	Invalid related scope
36	RQMDEF_INV_USAGE	Invalid usage
37	RQMDEF_INV_MODE	Invalid mode
38	RQMDEF_INV_STATECHK	Invalid state check
39	RQMDEF_INV_FORCEINS	Invalid force install
40	RQMDEF_INV_NOTIFY	Invalid notify
41	RQMDEF_INV_OVERTYPE	Invalid over type
42	RQMDEF_INV_OVRBLOCK	Invalid override block
43	RQMDEF_INV_ORSTRING	Invalid override string
44	RQMDEF_INV_STRNGTERM	Invalid string terminator
45	RQMDEF_INV_EMBEDTERM	Invalid embedded terminator
46	RQMDEF_INV_ATTRIBUTE	Invalid attribute
47	RQMDEF_INV_LITERAL	Invalid literal
48	RQMDEF_INV_ORSTGNA	Invalid override string
49	RQMDEF_SCOPE_REQUIRED	Scope required
50	RQMDEF_USAGE_CONFLICT	Usage conflict
51	RQMDEF_NODEFS_SELECTED	No definitions selected
52	RQMDEF_MORE_THAN_1_RELSYS	More than one related system
53	RQMDEF_MISSING_RELSYSID	Missing related system identifier
54	RQMDEF_SCOPE_CONFLICT	Scope conflict
55	RQMDEF_INV_CSDGROUP	Invalid CSD group
56	RQMDEF_REC_NOT_REMOVED	Record not removed
57	RQMDEF_INV_RESOURCE	Invalid resource
58	RQMDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	RQMDEF_PARTIAL_ACTION	Partial action
60	RQMDEF_NOTHING_ACTIONED	Nothing actioned
61	RQMDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 910. RQMDEF FEEDBACK error codes (continued)

Value	Code	Description
62	RQMDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	RQMDEF_CSD_ERROR	CSD access error

Table 911. RQMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
BEANNAME	CHAR	CPSM	240	Yes	DIFF	Enterprise bean				23
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	28
CHANGEAGENT Input/ output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	30
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	29
CORBASERVER	CHAR	CPSM	4	Yes	DIFF	CorbaServer				17
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				12
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	32
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		27
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				16
INTERFACE	CHAR	CPSM	255	Yes	DIFF	Interface name				25
INTFACETYPE	CVDAS	CPSM	4	Yes	LIKE	Java interface type	BOTH			20
INTFACETYPE Input/ output valid values	HOME, REMOTE, BOTH, NOTAPPLIC									
MODULE	CHAR	CPSM	255	Yes	DIFF	Module name				24
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				7
OMGINTERFACE	CHAR	CPSM	31	No	DIFF	Object management group (OMG) interface name				9
OMGMODULE	CHAR	CPSM	58	No	DIFF	Object management group (OMG) module name				8
OMGOPERATION	CHAR	CPSM	31	No	DIFF	Object management group (OMG) operation name				10
OPERATION	CHAR	CPSM	255	Yes	DIFF	Operation name				26
RTYPE	CVDAS	CPSM	4	Yes	LIKE	Request model type	GENERIC			19
RTYPE Input/output valid values	EJB, CORBA, GENERIC									
TRANSID	CHAR	CPSM	4	Yes	DIFF	CICS transaction ID				11
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				13
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				14
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				15

## Chapter 380. RQMINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a request model definition (RQMDEF) in a resource group (RESGROUP). A RQMDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is RQMGROUP.

The **Secondary** key field for this resource class is RQMNAME.

The **Tertiary** key field for this resource class is RQMVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6171

<i>Table 912. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 913. RQMINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	RQMINGRP_INV_DATA	Attribute data invalid
2	RQMINGRP_REC_NOT_FOUND	Requested resource not found
4	RQMINGRP_REC_EXISTS	Resource already exists
6	RQMINGRP_INV_RESTYPE	Invalid resource type
7	RQMINGRP_INV_VER	Invalid resource version
11	RQMINGRP_NON_MP	Maintenance point CMAS not available

Table 913. RQMINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	RQMINGRP_INV_CONTEXT	Context not found
21	RQMINGRP_INCONSISTENT_SET	Inconsistent set
22	RQMINGRP_DIFF_VERSION	Different version
23	RQMINGRP_INV_NAME	Invalid name
24	RQMINGRP_INV_MINNAME	Invalid minor name

Table 914. RQMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>RQMGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>RQMNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Request model definition name	6
<b>RQMVER-3</b>	BINARY	CPSM	1	Yes	AVG	Request model definition version	7

# Chapter 381. RQMODEL Resource Table

A CICS Resource that describes a request model in an active CICS system being managed by CICSplex SM. This resource is not supported in CICS TS for z/OS, Version 5.1 and later versions.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**DISCARD**

Discard a request model.

The DISCARD action requires no unique parameter data.

**External resource name**

CICSRequestModel

**Length**

1232

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0098

Table 915. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 916. RQMODEL resource table attributes										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Inval id	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved			
BASDEFINEVER	BINARY	CPSM			1	AVG	BAS resource definition version	0	E640 E650	23
BEANNAME	CHAR	INQ	REQUESTMOD EL	BEANNAME	24 0	DIFF	Enterprise bean			9

Table 916. RQMODEL resource table attributes (continued)										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Get Inval id	Attr ID
CHANGEAGENT	CVDAS	INQ	REQUESTMOD EL	INTFACETYPE	4	LIKE	Last modification agent		E640 E650	14
CHANGEAGENT Input/ output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC									
CHANGEAGREL	CHAR	INQ	REQUESTMOD EL	INTFACETYPE	4	DIFF	Last modification agent release		E640 E650	16
CHANGETIME	DATETIME	INQ	REQUESTMOD EL	INTFACETYPE	8	MAX	Last modification time		E640 E650	17
CHANGEUSRID	CHAR	INQ	REQUESTMOD EL	INTFACETYPE	8	DIFF	Last modification user ID		E640 E650	15
CORBASERVER	CHAR	INQ	REQUESTMOD EL	CORBASERVER	4	DIFF	CorbaServer			6
DEFINESOURCE	CHAR	INQ	REQUESTMOD EL	INTFACETYPE	8	DIFF	Source of the resource definition		E640 E650	18
DEFINETIME	DATETIME	INQ	REQUESTMOD EL	INTFACETYPE	8	MAX	Creation time		E640 E650	19
INSTALLAGENT	CVDAS	INQ	REQUESTMOD EL	INTFACETYPE	4	LIKE	Installation agent		E640 E650	22
INSTALLAGENT Input/ output valid values	CSDAPI, CREATESPI, GRPLIST									
INSTALLTIME	DATETIME	INQ	REQUESTMOD EL	INTFACETYPE	8	MAX	Installation time		E640 E650	21
INSTALLUSRID	CHAR	INQ	REQUESTMOD EL	INTFACETYPE	8	DIFF	Installation user ID		E640 E650	20
INTERFACE	CHAR	INQ	REQUESTMOD EL	INTERFACE	25 5	DIFF	Interface name			11
INTFACETYPE	CVDAS	INQ	REQUESTMOD EL	INTFACETYPE	4	LIKE	Java interface type	BOTH		8
INTFACETYPE Output valid values	HOME, REMOTE, BOTH, NOTAPPLIC									
MODULE	CHAR	INQ	REQUESTMOD EL	MODULE	25 5	DIFF	Module name			10
<b>NAME-1</b>	CHAR	INQ			8	DIFF	Request model name			1
OMGINTERFACE	CHAR	INQ	REQUESTMOD EL		31	DIFF	Object management group (OMG) interface name		E610 +	3
OMGMODULE	CHAR	INQ	REQUESTMOD EL		58	DIFF	Object management group (OMG) module name		E610 +	2
OMGOPERATION	CHAR	INQ	REQUESTMOD EL		31	DIFF	Object management group (OMG) operation name		E610 +	4
OPERATION	CHAR	INQ	REQUESTMOD EL	OPERATION	25 5	DIFF	Operation name			12
RTYPE	CVDAS	INQ	REQUESTMOD EL	TYPE	4	LIKE	Request model type	GENERIC		7
RTYPE Output valid values	EJB, CORBA, GENERIC									
TRANSID	CHAR	INQ	REQUESTMOD EL	TRANSID	4	DIFF	CICS transaction ID			5



## Chapter 382. RTAACTV Resource Table

A CPSM Real Time Analysis Manager object that describes the characteristics of an analysis or status definition installed in a specific CICS system.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is ACTIVETIME.

The **Tertiary** key field for this resource class is TYPE.

The following actions are supported:

### **DISCARD**

Unconditionally remove the installed definition.

### **DEACTIVATE**

Remove the installed definition honoring a PERIODEF.

These actions require no unique parameter data.

### **External resource name**

CICSRTAInstalledDefinition

### **Length**

64

### **Usage**

API or WUI or CICS Management Client Interface

### **API view**

No

### **CMAS context**

No

### **SCOPE applies**

Yes

### **Only query CMASs in workload**

No

### **Object type**

CICSplex SM Manager

### **Copybook identifier**

EYUt2529

Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A
	DEACTIVATE	None	N/A
	REACTIVATE	None	N/A

Table 918. RTAACTV FEEDBACK error codes

Value	Code	Description
1	RTAACTV_INV_DATA	Attribute data invalid
2	RTAACTV_REC_NOT_FOUND	Requested resource not found
21	RTAACTV_DEACT_NOT_ALLOWED	Deactivate not allowed
22	RTAACTV_REACT_NOT_ALLOWED	Reactivate not allowed

Table 919. RTAACTV resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
ACTION	CHAR	CPSM	8	DIFF	Associated action name	4
ACTIVETIME-2	CHAR	CPSM	8	DIFF	Period definition name	3
CICSSYS	CHAR	CPSM	8	DIFF	CICS system name	2
NAME-1	CHAR	CPSM	8	DIFF	Definition name	1
RATE	BINARY	CPSM	4	AVG	Interval between evaluations (seconds)	5
STATUS	EYUDA	CPSM	4	LIKE	Definition status	6
STATUS Output valid values	ACTIVE, PENDING					
TYPE-3	RESTYPE	CPSM	2	LIKE	Analysis definition type (analysis or status)	7

---

## Chapter 383. RTADEF Resource Table

A CPSM Real Time Analysis Definition that describes a single analysis operation for a set of evaluations. The analysis operation controls identify the evaluations to reference and information about the frequency and modes used to determine if the analysis state is TRUE.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### INSTALL

Install the definition into each active CICS system that has Real Time Analysis active within the specified scope. If provided the PERIODEF is used to provide the valid operational time of the RTADEF.

The parameter data for the INSTALL action is:

```
PARM(' [PERIOD(period)].')
where:
period = The name of a PERIODEF definition.
```

### APINSTALL

Install the definition into an active APSPEC.

The parameter data for the APINSTALL action is:

```
PARM(' APSPEC(spec) [PERIOD(period)].')
where:
spec   = (Required) The name of an active APSPEC.
period = The name of a PERIODEF definition.
```

The RTADEF is installed in each active CICS system in the current scope that has Real Time Analysis active. If provided, the PERIODEF is used to determine the valid operational time of the RTADEF.

### External resource name

CICSRTADefinition

### Length

672

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Definition

### Copybook identifier

EYUt3507

<i>Table 920. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	PERIOD(value)	No
		SCOPE(value)	No
	APINSTALL	APSPEC(value)	Yes
		PERIOD(value)	No
		SCOPE(value)	No
	ADDTGRP	ACTIVETIME(value)	No
		RESGROUP(value)	Yes

<i>Table 921. RTADEF FEEDBACK error codes</i>		
<b>Value</b>	<b>Code</b>	<b>Description</b>
1	RTADEF_INV_DATA	Attribute data invalid
2	RTADEF_REC_NOT_FOUND	Requested resource not found
3	RTADEF_INV_REFERENCE	Not found
4	RTADEF_REC_EXISTS	Resource already exists
5	RTADEF_REC_CHANGED	Resource definition already changed
6	RTADEF_INV_RESTYPE	Invalid restype
7	RTADEF_NONE_INSTALLED	None installed
8	RTADEF_PARTIAL_INSTALL	Partial install
9	RTADEF_ALREADY_INSTALLED	Already installed
10	RTADEF_NO_ACTIVE_SYSTEMS	No active systems for install
11	RTADEF_MISSING_APSPEC	Missing analysis point specification
12	RTADEF_INVALID_APSPEC_NAME	Invalid analysis point specification name
13	RTADEF_INVALID_NAMELIST	Invalid namelist
14	RTADEF_EARLY_NAMELIST_END	Early namelist end
15	RTADEF_INVALID_DEFTYPE	Invalid definition type
16	RTADEF_INVALID_TYPE	Invalid request type
17	RTADEF_INVALID_SCOPE	Invalid scope
18	RTADEF_INVALID_CONTEXT	Invalid context
19	RTADEF_NO_RECORD_FOUND	No RTA definition found for install

Table 922. RTADEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
ACTION	CHAR	CPSM	8	Yes	DIFF	Action definition name			9
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			32
CHANGEAGENT Input/ output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			35
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			34
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			33
DESC	CHAR	CPSM	58	No	DIFF	Description			22
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	31
EVALEXPRTXT	CHAR	CPSM	50 0	Yes	DIFF	Evaluation expression			24
EXEC_OPS	EYUDA	CPSM	4	Yes	LIKE	Execute evaluation modification string	NO		30
EXEC_OPS Input/output valid values	YES, NO, ALWAYS								
HSEENTRY	BINARY	CPSM	4	Yes	AVG	Count of true evaluations before HS raised	1	1-9999	14
HSEXIT	BINARY	CPSM	4	Yes	AVG	Count of false evaluations before HS resolved	1	1-9999	20
HWENTRY	BINARY	CPSM	4	Yes	AVG	Count of true evaluations before HW raised	1	1-9999	13
HWEXIT	BINARY	CPSM	4	Yes	AVG	Count of false evaluations before HW resolved	1	1-9999	19
LSEENTRY	BINARY	CPSM	4	Yes	AVG	Count of true evaluations before LS raised	1	1-9999	11
LSEXIT	BINARY	CPSM	4	Yes	AVG	Count of false evaluations before LS resolved	1	1-9999	17
LWENTRY	BINARY	CPSM	4	Yes	AVG	Count of true evaluations before LW raised	1	1-9999	12
LWEXIT	BINARY	CPSM	4	Yes	AVG	Count of false evaluations before LW resolved	1	1-9999	18
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name			7
RATE	BINARY	CPSM	4	Yes	AVG	Analysis interval	300	1-86400	8
VHSEENTRY	BINARY	CPSM	4	Yes	AVG	Count of true evaluations before VHS raised	1	1-9999	15
VHSEXIT	BINARY	CPSM	4	Yes	AVG	Count of false evaluations before VHS resolved	1	1-9999	21
VLSEENTRY	BINARY	CPSM	4	Yes	AVG	Count of true evaluations before VLS raised	1	1-9999	10
VLSEXIT	BINARY	CPSM	4	Yes	AVG	Count of false evaluations before VLS resolved	1	1-9999	16



## Chapter 384. RTAGROUP Resource Table

A CPSM Real Time Analysis Definition that provides the association anchor for a set of RTADEF or STATDEF definitions. References to the RTAGROUP are inferred to be references to the set of associated RTADEF or STATDEF instances.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### INSTALL

Install the set of definition RTADEF and STATDEF instances in the group into each active CICS system that has Real Time Analysis active within the specified scope.

### APINSTALL

Install the set of definition into an active APSPEC.

The parameter data for the APINSTALL action is:

```
PARM('APSPEC(spec).')  
  
where:  
  
spec = (Required) The name of an active APSPEC.
```

Only the set of RTADEF instances associated with the RTAGROUP are installed since an APSPEC does not support STATDEF objects.

### External resource name

CICSRTAGroup

### Length

112

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Definition

### Copybook identifier

EYUt3505

<i>Table 923. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A

Table 923. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
REMOVE		None	N/A
PERFORM SET	INSTALL	SCOPE(value)	No
	APINSTALL	APSPEC(value)	Yes
		SCOPE(value)	No
	ADDTOSPC	SPEC(value)	Yes
	ADDTOAPS	SCOPE(value)	No
		SPEC(value)	Yes

Table 924. RTAGROUP FEEDBACK error codes

Value	Code	Description
1	RTAGROUP_INV_DATA	Attribute data invalid
2	RTAGROUP_REC_NOT_FOUND	Requested resource not found
3	RTAGROUP_INV_REFERENCE	Attribute references an invalid resource
4	RTAGROUP_REC_EXISTS	Resource already exists
5	RTAGROUP_REC_CHANGED	Resource definition already changed
6	RTAGROUP_INV_RESTYPE	Invalid Restype
7	RTAGROUP_INV_VER	Invalid version
21	RTAGROUP_NONE_INSTALLED	No groups installed
22	RTAGROUP_PARTIAL_INSTALL	Partial install
23	RTAGROUP_NO_ACTIVE_SYSTEMS	No active systems
24	RTAGROUP_DUPLICATE_DEFINITION	Duplicate definition

Table 925. RTAGROUP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGEAGENT	CV DAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/ output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			9
DESC	CHAR	CPSM	58	No	DIFF	Description			6
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	7
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	RTA group			5



## Chapter 385. RTAINAPS Resource Table

A CPSM Real Time Analysis Definition that describes the membership of a real-time analysis group (RTAGROUP) in an analysis point specification (APSPEC). An RTAGROUP can be a member of multiple APSPECs.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is GROUP.

There are no object specific actions for this resource class.

### External resource name

CICSRTAGroupInAnalysisPointSpecification

### Length

64

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Definition

### Copybook identifier

EYUt5124

<i>Table 926. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 927. RTAINAPS FEEDBACK error codes</i>		
Value	Code	Description
1	RTAINAPS_INV_DATA	Attribute data invalid
2	RTAINAPS_REC_NOT_FOUND	Requested resource not found
3	RTAINAPS_INV_REFERENCE	Attribute references an invalid resource
4	RTAINAPS_REC_EXISTS	Resource already exists
6	RTAINAPS_INV_RESTYPE	Invalid resource type
7	RTAINAPS_INV_VER	Invalid resource version

Table 928. RTAINAPS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>GROUP-2</b>	CHAR	CPSM	8	Yes	DIFF	RTA group	6
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Analysis point specification	5
SCOPE	CHAR	CPSM	8	No	DIFF	Scope of RTA definitions in group	7

## Chapter 386. RTAINGRP Resource Table

A CPSM Real Time Analysis Definition that describes the membership of a real-time analysis definition (RTADEF) in a real-time analysis group (RTAGROUP). An RTADEF can be a member of multiple RTAGROUPs.

The **Primary** key field for this resource class is GROUP.

The **Secondary** key field for this resource class is DEFNAME.

There are no object specific actions for this resource class.

**External resource name**

CICSRTAResourceInGroup

**Length**

64

**Usage**

API or Batch Utility or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt5377

*Table 929. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

*Table 930. RTAINGRP FEEDBACK error codes*

Value	Code	Description
1	RTAINGRP_INV_DATA	Attribute data invalid
2	RTAINGRP_REC_NOT_FOUND	Requested resource not found
3	RTAINGRP_INV_REFERENCE	Attribute references an invalid resource
4	RTAINGRP_REC_EXISTS	Resource already exists
5	RTAINGRP_REC_CHANGED	Resource definition already changed

Table 930. RTAINGRP FEEDBACK error codes (continued)

Value	Code	Description
6	RTAINGRP_INV_RESTYPE	Invalid resource type

Table 931. RTAINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
ACTIVETIME	CHAR	CPSM	8	No	DIFF	Period definition	7
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>DEFNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	RTA definition	6
<b>GROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	RTA group	5

## Chapter 387. RTAINSPC Resource Table

A CPSM Real Time Analysis Definition that describes the membership of a real-time analysis group (RTAGROUP) in a real-time analysis specification (RTASPEC). An RTAGROUP may be a member of multiple RTASPECs.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is GROUP.

There are no object specific actions for this resource class.

**External resource name**

CICSRTAGroupInSpecification

**Length**

56

**Usage**

API or Batch Utility or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt5122

<i>Table 932. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 933. RTAINSPC FEEDBACK error codes</i>		
Value	Code	Description
1	RTAINSPC_INV_DATA	Attribute data invalid
2	RTAINSPC_REC_NOT_FOUND	Requested resource not found
3	RTAINSPC_INV_REFERENCE	Attribute references an invalid resource
4	RTAINSPC_REC_EXISTS	Resource already exists

Table 934. RTAINSPC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	7
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	10
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	9
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	8
<b>GROUP-2</b>	CHAR	CPSM	8	Yes	DIFF	RTA group	6
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	RTA specification name	5

## Chapter 388. RTASPEC Resource Table

A CPSM Real Time Analysis Definition that describes the RTA control directives for a set of CICS systems. Using group associators, an RTASPEC object can determine which RTADEF and STATDEF instances are to be installed in each CICS system. Using scope link associators (LNKSRSCS), an RTASPEC object can determine which CICS systems fall under its processing scope. A CICS system can have a scope link associator to only one RTASPEC.

The **Primary** key field for this resource class is NAME.

**External resource name**

CICSRTASpecification

**Length**

192

**Usage**

API or Batch Utility or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt3512

<i>Table 935. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDSYSGRP	FORCE	No
		GROUP(value)	Yes
		INHERIT(NONE, NULL, FORCE)	No
		NONE	No
		NULL	No
	ADDSYSDEF	SYSTEM(value)	Yes

Table 936. RTASPEC FEEDBACK error codes

Value	Code	Description
1	RTASPEC_INV_DATA	Attribute data invalid
2	RTASPEC_REC_NOT_FOUND	Requested resource not found
3	RTASPEC_INV_REFERENCE	Does not exist
4	RTASPEC_REC_EXISTS	Resource already exists
5	RTASPEC_REC_CHANGED	Resource definition already changed
6	RTASPEC_INV_RESTYPE	Invalid resource type
7	RTASPEC_INV_VER	Invalid resource version
8	RTASPEC_ACTION_NOT_FOUND	Action not found
9	RTASPEC_LNKASSOC_EXISTS	Association already exists

Table 937. RTASPEC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			20
CHANGEAGENT Input/output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			23
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			22
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			21
DESC	CHAR	CPSM	58	No	DIFF	Description			18
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	19
MXTACTION	CHAR	CPSM	8	No	DIFF	Action for CICS-at-maximum-tasks event			16
MXTSEV	EYUDA	CPSM	4	No	LIKE	Severity for CICS-at-maximum-tasks event			10
MXTSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, NO, N_A								
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	RTA specification name			5
NRMACTION	CHAR	CPSM	8	No	DIFF	Action for Non-responsive-MAS event			26
NRMSEV	EYUDA	CPSM	4	No	LIKE	Severity for Non-responsive-MAS event			25
NRMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, NO, N_A								
SAMACTION	CHAR	CPSM	8	No	DIFF	Action for system availability monitoring event			12
SAMSEV	EYUDA	CPSM	4	No	LIKE	Severity for system availability monitoring event			6
SAMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, NO, N_A								
SDMACTION	CHAR	CPSM	8	No	DIFF	Action for system dump event			14
SDMSEV	EYUDA	CPSM	4	No	LIKE	Severity for system dump event			8



Table 937. RTASPEC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
SDMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, NO, N_A								
SOSACTION	CHAR	CPSM	8	No	DIFF	Action for short on storage (SOS) event			13
SOSSEV	EYUDA	CPSM	4	No	LIKE	Severity for short on storage (SOS) event			7
SOSSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, NO, N_A								
STLACTION	CHAR	CPSM	8	No	DIFF	Action for CICS-stalled event			17
STLSEV	EYUDA	CPSM	4	No	LIKE	Severity for CICS-stalled event			11
STLSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, NO, N_A								
TDMACTION	CHAR	CPSM	8	No	DIFF	Action for transaction dump event			15
TDMSEV	EYUDA	CPSM	4	No	LIKE	Severity for transaction dump event			9
TDMSEV Input/output valid values	VLS, LS, LW, HW, HS, VHS, NO, N_A								



## Chapter 389. RULE Resource Table

This CICS resource object provides information about policy rules.

The **Primary** key field for this resource class is POLICYSET.

The **Secondary** key field for this resource class is POLICY.

The **Tertiary** key field for this resource class is RULE.

There are no object specific actions for this resource class.

**Restriction:** The RACF® security profiles do not support the RULE resource; consequently, security checks do not apply to policy query operations.

**External resource name**

CICSRule

**Length**

928

**Usage**

API or CICS Management Client Interface

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0215

<i>Table 938. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		APPLICATION(value)	No
		APPLMAJORVER(value)	No
		APPLMICROVER(value)	No
		APPLMINORVER(value)	No
		OPERATION(value)	No
		PLATFORM(value)	No
		POLICY(value)	No
		POLICYSET(value)	No
		RULE(value)	No

Table 939. RULE FEEDBACK error codes

Value	Code	Description
21	RULE_NO_DATA	No data to return
22	RULE_INV_PLATFORM	Platform name is invalid
23	RULE_INV_APPLICATION	Application name is invalid
24	RULE_INV_MAJVER	Application major version is invalid
25	RULE_INV_MINVER	Application minor version is invalid
26	RULE_INV_MICVER	Application micro version is invalid
27	RULE_INV_OPERATION	Operation name is invalid
28	RULE_INV_POLICY	Policy name is invalid
29	RULE_INV_RULE	Rule name is invalid

Table 940. RULE resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
ABCODE	CHAR	INQ			4	DIFF	Abend code	36
ACTION	EYUDA	INQ			4	DIFF	Action	17
ACTION Input/output valid values	ABEND, EVENT, MESSAGE, REJECT							
BASEAPMAJVER	BINARY	INQ			4	MAX	Base application major version	31
BASEAPMICVER	BINARY	INQ			4	MAX	Base application micro version	33
BASEAPMINVER	BINARY	INQ			4	MAX	Base application minor version	32
BASEAPPLICTN	CHAR	INQ			64	DIFF	Base application name	30
BASELEVEL	EYUDA	INQ			4	DIFF	Base level	28
BASELEVEL Input/output valid values	APPLICATION, APPLMAJVER, APPLMICVER, APPLMINVER, OPERATION, PLATFORM, REGION							
BASEOPERATN	CHAR	INQ			64	DIFF	Operation name	34
BASEPLATFORM	CHAR	INQ			64	DIFF	Base platform name	29
BUNDLE	CHAR	INQ			8	DIFF	Bundle Name	21
BUNDLEDIR	CHAR	INQ			255	DIFF	Bundle directory name	26
BUNDLEID	CHAR	INQ			64	DIFF	Bundle ID	22
BUNDLEMAJVER	BINARY	INQ			4	DIFF	Bundle major version	23
BUNDLEMICVER	BINARY	INQ			4	DIFF	Bundle micro version	25
BUNDLEMINVER	BINARY	INQ			4	DIFF	Bundle minor version	24
CHANGEAGENT	CVDAS	INQ			4	LIKE	Last modification agent	2
CHANGEAGENT Input/output valid values	CSDAPI, CREATESPI, CSDBATCH, DREPAPI, NOTAPPLIC							
CHANGEAGREL	CHAR	INQ			4	DIFF	Last modification agent release	3
CHANGETIME	DATETIME	INQ			8	MAX	Last modification time	7

Table 940. RULE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
CHANGEUSRID	CHAR	INQ			8	DIFF	Last modification user ID	4
COUNT	BINARY	INQ			4	MAX	Action count	35
COUNTSTAT	BINARY	STAT			4	MAX	Action count from statistics	43
DEFINESOURCE	CHAR	INQ			8	DIFF	Source of the resource definition	5
DEFINETIME	DATETIME	INQ			8	MAX	Creation time	6
EPADAPTER	CHAR	INQ			32	DIFF	EP adapter name	39
EPADAPTERSET	CHAR	INQ			32	DIFF	EP adapter set name	38
INSTALLAGENT	CV DAS	INQ			4	DIFF	Installation agent	9
INSTALLAGENT Input/output valid values	BUNDLE							
INSTALLTIME	DATETIME	INQ			8	MAX	Installation time	8
INSTALLUSRID	CHAR	INQ			8	DIFF	Installation user ID	10
OPERATOR	EYUDA	INQ			4	DIFF	Test operator	13
OPERATOR Input/output valid values	GT, NOTAPPLIC, NONE							
<b>POLICY-2</b>	CHAR	INQ			64	DIFF	Policy name	19
<b>POLICYSET-1</b>	CHAR	INQ			12	DIFF	Policy set	18
<b>RULE-3</b>	CHAR	INQ			64	DIFF	Policy Rule	1
RULEGROUP	EYUDA	INQ			4	LIKE	Rule group	40
RULEGROUP Input/output valid values	TASK, SYSTEM							
RULEITEM	CHAR	INQ			16	DIFF	Rule item name	12
RULETYPE	CHAR	INQ			16	DIFF	Rule type	11
THRESHOLD	CNUMERIC	INQ			8	MAX	Actual threshold value	15
TIME	DATETIME	INQ			8	MAX	Last action time	37
TIMESTAT	DATETIME	STAT			8	MAX	Last action time from statistics	44
UNIT	EYUDA	INQ			4	DIFF	Unit qualifier	16
UNIT Input/output valid values	BYTE, KILOBYTE, MEGABYTE, GIGABYTE, THOUSAND, SECOND, MILLISECOND, MICROSECOND, NONE, NOTAPPLIC							
USERTAG	CHAR	INQ			8	DIFF	User tag	20
VALUE	CNUMERIC	INQ			8	MAX	Specified threshold value	14



## Chapter 390. SESINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a session definition (SESSDEF) in a resource group (RESGROUP). A SESSDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is SESSGROUP.

The **Secondary** key field for this resource class is SESSNAME.

The **Tertiary** key field for this resource class is SESSVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6155

<i>Table 941. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 942. SESINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	SESINGRP_INV_DATA	Attribute data invalid
2	SESINGRP_REC_NOT_FOUND	Requested resource not found
4	SESINGRP_REC_EXISTS	Resource already exists
6	SESINGRP_INV_RESTYPE	Invalid resource type
7	SESINGRP_INV_VER	Invalid resource version
11	SESINGRP_NON_MP	Maintenance point CMAS not available
12	SESINGRP_INV_CONTEXT	Context not found

Table 942. SESINGRP FEEDBACK error codes (continued)

Value	Code	Description
21	SESINGRP_INCONSISTENT_SET	Inconsistent set
22	SESINGRP_DIFF_VERSION	Different version
23	SESINGRP_INV_NAME	Invalid name
24	SESINGRP_INV_MINNAME	Invalid minor name

Table 943. SESINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>SESSGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>SESSNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Session definition name	6
<b>SESSVER-3</b>	BINARY	CPSM	1	Yes	AVG	Session definition version	7



## Chapter 391. SESSDEF Resource Table

A CICS Definition that describes a session, which is a logical link between connected systems.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

**External resource name**  
CICSDefinitionSession

**Length**  
496

**Usage**  
API or Batch Utility or WUI or CICS Management Client Interface

**API view**  
No

**CMAS context**  
No

**SCOPE applies**  
No

**Only query CMASs in workload**  
No

**Object type**  
CICS Definition

**Copybook identifier**  
EYUt3810

<i>Table 944. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	ADDTGRP	RESGROUP(value)	Yes
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Table 945. SESSDEF FEEDBACK error codes

Value	Code	Description
1	SESSDEF_INV_DATA	Attribute data invalid
2	SESSDEF_REC_NOT_FOUND	Requested resource not found
4	SESSDEF_REC_EXISTS	Resource already exists
5	SESSDEF_REC_CHANGED	Resource definition already changed
6	SESSDEF_INV_RESTYPE	Invalid resource type
7	SESSDEF_INV_VER	Invalid resource version
11	SESSDEF_NON_MP	Maintenance point CMAS not available
12	SESSDEF_INV_CONTEXT	Context not found
13	SESSDEF_INCONSISTENT_SET	Inconsistent set condition
14	SESSDEF_INV_RESGROUP	Resource group not found
21	SESSDEF_INV_ACTION	Invalid action
22	SESSDEF_INV_RECADDR	Invalid record address
23	SESSDEF_INV_RECLEN	Invalid record length
24	SESSDEF_DIFF_VERSION	Different version
25	SESSDEF_EARLY_NAMELIST_END	Early name list end
26	SESSDEF_INV_NAMELIST	Invalid name list
27	SESSDEF_INV_NAME	Invalid name
28	SESSDEF_INV_MINNAME	Invalid minor name
29	SESSDEF_INV_CSDGROUP	Invalid CSD group
30	SESSDEF_REC_NOT_REMOVED	Record not removed
31	SESSDEF_INV_RESOURCE	Invalid resource
32	SESSDEF_INV_CICS_RESTYPE	Invalid CICS restype
33	SESSDEF_PARTIAL_ACTION	Partial action
34	SESSDEF_NOTHING_ACTIONED	Nothing actioned
35	SESSDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
36	SESSDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
37	SESSDEF_CSD_ERROR	CSD access error

Table 946. SESSDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
AUTOCONNECT	EYUDA	CPSM	4	Yes	LIKE	Autoconnect option	NO			8
AUTOCONNECT Input/ output valid values	YES, NO, ALL									
BUILDCHAIN	EYUDA	CPSM	4	Yes	LIKE	Chain assembly required	YES			9

Table 946. SESSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
BUILDCHAIN Input/output valid values	YES, NO									
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	57
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	59
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	58
CONNECTION	CHAR	CPSM	4	Yes	DIFF	Connection definition name				10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				49
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	61
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		56
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				53
DISCREQ	EYUDA	CPSM	4	Yes	LIKE	Honor disconnect requests	NO			11
DISCREQ Input/output valid values	YES, NO									
INSERVICE	EYUDA	CPSM	4	Yes	LIKE	Session inservice	N_A		E330 +	30
INSERVICE Input/output valid values	YES, NO, N_A									
IOAREALEN	CHAR	CPSM	8	No	DIFF	Minimum terminal input output area (TIOA) size	0	0-32767		12
IOAREALEN2	CHAR	CPSM	8	No	DIFF	Alternate terminal input output area (TIOA) size	0	0-32767		13
MAXCTWIN	CHAR	CPSM	4	No	DIFF	Maximum number of contention winner sessions		0-999		15
MAXINGRP	CHAR	CPSM	4	No	DIFF	Maximum number of sessions in the group		0-999		14
MODENAME	CHAR	CPSM	8	No	DIFF	Mode name				16
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				7
NEPCLASS	CHAR	CPSM	4	No	DIFF	Network error program transaction class	0	0-255		17
NETNAMEQ	CHAR	CPSM	8	No	DIFF	Name IMS system uses to identify session				18
OPERID	CHAR	CPSM	3	No	DIFF	Operator identifier			E330 +	37
OPERPRIORITY	CHAR	CPSM	4	No	DIFF	Operator priority	0	0-255	E330 +	29
OPERRSL	CHAR	CPSM	50	No	DIFF	Operator resource security keys			E330 +	54
OPERSEC	CHAR	CPSM	150	No	DIFF	Operator transaction security keys			E330 +	55
PARTCODEPAGE	CHAR	CPSM	8	No	DIFF	Partner code page	0	0-65534	EALL	33

Table 946. SESSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
PROTOCOL	CVDAS	CPSM	4	Yes	LIKE	Intercommunication link protocol	APPC			19
PROTOCOL Input/output valid values	APPC, EXCI, LU61, NOTAPPLIC									
RECEIVECOUNT	CHAR	CPSM	4	No	DIFF	Receive count		1-999		20
RECEIVEPFX	CHAR	CPSM	2	No	DIFF	Receive prefix				35
RECEIVESIZE	CHAR	CPSM	8	No	DIFF	Receive buffer size	4096	1-30720		21
RECOVNOTIFY	EYUDA	CPSM	4	Yes	LIKE	XRF recovery notification option	N_A		E410+	23
RECOVNOTIFY Input/output valid values	NONE, MESSAGE, TRANSACTION, N_A									
RECOVOPTION	EYUDA	CPSM	4	Yes	LIKE	Recovery option	SYSDEFAULT			22
RECOVOPTION Input/output valid values	SYSDEFAULT, CLEARCONV, NONE, RELEASESESS, UNCONDREL									
RELREQ	EYUDA	CPSM	4	Yes	LIKE	Honor release requests	NO			24
RELREQ Input/output valid values	YES, NO									
SENDCOUNT	CHAR	CPSM	4	No	DIFF	Send count		1-999		25
SENDPFX	CHAR	CPSM	2	No	DIFF	Send prefix				36
SENDSIZE	CHAR	CPSM	8	No	DIFF	Send buffer size	4096	1-30720		26
SESSNAME	CHAR	CPSM	4	No	DIFF	Session name				27
SESSPRIORITY	CHAR	CPSM	4	No	DIFF	Session priority	0	0-255		28
TRANSACTION	CHAR	CPSM	4	No	DIFF	Transaction to be initiated from device			E330+	31
USERAREALEN	CHAR	CPSM	4	No	DIFF	User area size	0	0-255		32
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				50
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				51
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				52
USERID	CHAR	CPSM	8	No	DIFF	User signon ID				34

## Chapter 392. SMFJRNL Resource Table

A CICS Resource that describes an SMF type journal in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is JOURNALNUM.

There are no object specific actions for this resource class.

**External resource name**

**Length**

40

**Usage**

EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0014

*Table 947. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A

*Table 948. SMFJRNL resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	
AVGSIZE	BINARY	STAT	DFHA13DS	A13ABS	2	AVG	No	Average block size	2
BLKWRCNT	DECIMAL	STAT	DFHA13DS	A13PBC	4	AVG	No	Number of blocks written	4
BUFULLCNT	DECIMAL	STAT	DFHA13DS	A13BFC	3	AVG	No	Number of times buffer was full	6
<b>JOURNALNUM-1</b>	BINARY	INQ	JOURNALNUM	JOURNALNUM	2	AVG	No	Journal number	1
OPENSTATUS	CVDAS	INQ			4	LIKE	Yes	Open status	3
OPENSTATUS Output valid values	OPENOUTPUT, CLOSED								
REWCRCNT	DECIMAL	STAT	DFHA13DS	A13LRC	5	AVG	No	Number of records written	5



## Chapter 393. STAINGRP Resource Table

A CPSM Real Time Analysis Definition that describes the membership of a status definition (STATDEF) in a real-time analysis group (RTAGROUP). A STATDEF can be a member of multiple RTAGROUPs.

The **Primary** key field for this resource class is GROUP.

The **Secondary** key field for this resource class is DEFNAME.

There are no object specific actions for this resource class.

**External resource name**

CICSRTAStatusDefinitionInGroup

**Length**

64

**Usage**

API or Batch Utility or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt5381

<i>Table 949. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

<i>Table 950. STAINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	STAINGRP_INV_DATA	Attribute data invalid
2	STAINGRP_REC_NOT_FOUND	Requested resource not found
3	STAINGRP_INV_REFERENCE	Attribute references an invalid resource
4	STAINGRP_REC_EXISTS	Resource already exists
5	STAINGRP_REC_CHANGED	Resource definition already changed
6	STAINGRP_INV_RESTYPE	Invalid resource type

Table 951. STAINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
ACTIVETIME	CHAR	CPSM	8	No	DIFF	Period definition	7
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>DEFNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Status definition	6
<b>GROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	RTA group	5



## Chapter 394. STATDEF Resource Table

A CPSM Real Time Analysis Definition that describes a site-defined status probe program to be run in a CICS system as part of Real Time Analysis processing.

The **Primary** key field for this resource class is NAME.

The following action is supported:

### INSTALL

Install the definition into each active CICS system that has Real Time Analysis active within the specified scope. If provided the PERIODEF is used to provide the valid operational time of the STATDEF.

The parameter data for the INSTALL action is:

```

    PARM(' [PERIOD(period)]. ')
    where:
    period = The name of a PERIODEF definition.
  
```

The STATDEF is installed in each active CICS system in the current scope that has Real Time Analysis active. If provided, the PERIODEF is used to determine the valid operational time of the STATDEF.

### External resource name

CICSRTASStatusDefinition

### Length

192

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Definition

### Copybook identifier

EYUt3516

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A

Table 952. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
PERFORM SET	INSTALL	PERIOD(value)	No
		SCOPE(value)	No
	ADDTGRP	ACTIVETIME(value)	No
		RESGROUP(value)	Yes

Table 953. STATDEF FEEDBACK error codes

Value	Code	Description
1	STATDEF_INV_DATA	Attribute data invalid
2	STATDEF_REC_NOT_FOUND	Requested resource not found
3	STATDEF_INV_REFERENCE	Attribute references an invalid resource
4	STATDEF_REC_EXISTS	Resource already exists
5	STATDEF_REC_CHANGED	Resource definition already changed
6	STATDEF_INV_RESTYPE	Invalid resource type
21	STATDEF_NONE_INSTALLED	None installed
22	STATDEF_PARTIAL_INSTALL	Partial install
23	STATDEF_NO_ACTIVE_SYSTEMS	No active systems

Table 954. STATDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
ACTION	CHAR	CPSM	8	No	DIFF	Action definition name			10
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			33
CHANGEAGENT Input/ output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			36
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			35
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			34
DESC	CHAR	CPSM	58	No	DIFF	Description			25
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	32
FREQ	BINARY	CPSM	4	Yes	AVG	Interval between calls to status program (seconds)	300	1-86400	8
HSEENTRY	BINARY	CPSM	4	Yes	AVG	Evaluation count with HS true before event	1	1-9999	15
HSEXIT	BINARY	CPSM	4	Yes	AVG	Evaluation count with HS false before resolution	1	1-9999	21
HWENTRY	BINARY	CPSM	4	Yes	AVG	Evaluation count with HW true before event	1	1-9999	14
HWEXIT	BINARY	CPSM	4	Yes	AVG	Evaluation count with HW false before resolution	1	1-9999	20
LSEENTRY	BINARY	CPSM	4	Yes	AVG	Evaluation count with LS true before event	1	1-9999	12

Table 954. STATDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
LSEXIT	BINARY	CPSM	4	Yes	AVG	Evaluation count with LS false before resolution	1	1-9999	18
LWENTRY	BINARY	CPSM	4	Yes	AVG	Evaluation count with LW true before event	1	1-9999	13
LWEXIT	BINARY	CPSM	4	Yes	AVG	Evaluation count with LW false before resolution	1	1-9999	19
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name			7
STATPGM	CHAR	CPSM	8	No	DIFF	Status program name			9
TRANID	CHAR	CPSM	4	No	DIFF	Transaction ID for task			24
USERID	CHAR	CPSM	8	No	DIFF	User ID for task			23
VHSENTRY	BINARY	CPSM	4	Yes	AVG	Evaluation count with VHS true before event	1	1-9999	16
VHSEXIT	BINARY	CPSM	4	Yes	AVG	Evaluation count with VHS false before resolution	1	1-9999	22
VLSENTRY	BINARY	CPSM	4	Yes	AVG	Evaluation count with VLS true before event	1	1-9999	11
VLSEXIT	BINARY	CPSM	4	Yes	AVG	Evaluation count with VLS false before resolution	1	1-9999	17



## Chapter 395. STREAMNM Resource Table

A CICS Resource that describes an MVS log stream used by an active system running CICS Transaction Server and being managed by CICSplex SM.

The **Primary** key field for this resource class is STREAMNAME.

There are no object specific actions for this resource class.

**External resource name**

CICSMVSLogStream

**Length**

160

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0078

<i>Table 955. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A

<i>Table 956. STREAMNM resource table attributes</i>										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		
AUTODEL	EYUDA	STAT	DFHLGSDS	LGSAUTOD	4	LIKE	No	Auto-delete option		21
AUTODEL Output valid values	YES, NO									
BRWREAD	BINARY	STAT	DFHLGSDS	LGSBRWREAD	4	AVG	No	Number of reads from log		13
BRWSTRT	BINARY	STAT	DFHLGSDS	LGSBRWSTRT	4	AVG	No	Number of log browse starts		12
BUFAPPNDRQ	BINARY	STAT	DFHLGSDS	LGSBUFAPP	4	AVG	No	Number of buffer append requests		16

Table 956. STREAMNM resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Attr ID
BUFFWAIT	BINARY	STAT	DFHLGSDS	LGSBUFWAIT	4	AVG	No	Number of waits due to buffer being full		11
BYTES	BINARY	STAT	DFHLGSDS	LGSBYTES	8	AVG	No	Total number of bytes written		7
CUFWTRS	BINARY	STAT	DFHLGSDS	LGSCUFWTRS	4	AVG	No	Current number of tasks waiting for buffer flush		8
DASDONLY	EYUDA	STAT	DFHLGSDS	LGSDONLY	4	LIKE	No	DASD-only option		17
DASDONLY Output valid values	YES, NO									
DELETES	BINARY	STAT	DFHLGSDS	LGSDELETES	4	AVG	No	Number of log-tail deletes		14
LGGAKPFREQ	BINARY	STAT	DFHLGGDS	LGGAKPFREQ	4	AVG	Yes	Activity keypoint frequency	50-65535	26
LGGAKPSTKN	BINARY	STAT	DFHLGGDS	LGGAKPSTKN	4	AVG	No	Number of activity keypoints taken		28
LGGLGDEFER	BINARY	STAT	DFHLGGDS	LGGLGDEFER	4	AVG	Yes	Log deferral interval		27
LGSQUERIES	BINARY	STAT	DFHLGSDS	LGSQUERIES	4	AVG	No	Logstream query count		32
MAXBLK	BINARY	STAT	DFHLGSDS	LGSMAXBL	4	AVG	No	Maximum block size		19
PKFWTRS	BINARY	STAT	DFHLGSDS	LGSFKWTRS	4	AVG	No	Peak number of tasks waiting for buffer flush		9
RETPD	BINARY	STAT	DFHLGSDS	LGSRETPD	4	AVG	No	Data retention period (days)		20
RETRYERRS	BINARY	STAT	DFHLGSDS	LGSRTYERRS	4	AVG	No	Number of retryable errors		15
RWRITES	RATE3	CPSM			8	AVG	No	Rate of writes to log		34
STATUS	CVDAS	INQ	STREAMNAME	STATUS	4	LIKE	No	Log stream status		3
STATUS Output valid values	OK, FAILED									
STRCNAME	CHAR	STAT	DFHLGSDS	LGSSTRUC	16	DIF F	No	Coupling facility structure		18
<b>STREAMNAME-1</b>	CHAR	INQ			26	DIF F	No	MVS log stream		1
SYSTEMLOG	CVDAS	INQ			4	LIKE	No	System log indicator		4
SYSTEMLOG Output valid values	SYSLOG, NOSYSLOG									
TFCWAIT	BINARY	STAT	DFHLGSDS	LGSTFCWAIT	4	AVG	No	Total number of tasks that waited for buffer flush		10
USECOUNT	BINARY	INQ	STREAMNAME	USECOUNT	4	SUM	No	Number of journals and forward recovery logs		5
WRITES	BINARY	STAT	DFHLGSDS	LGSWRITES	4	AVG	No	Number of write requests		6

## Chapter 396. SYSDUMP Resource Table

A CICS Resource that describes a system dump code in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is SYSDUMPCODE.

The following actions are supported:

### ADD

Add a system dump code.

The parameter data for the ADD action is:

```
PARM('CODE(code) [SCOPE(cvda1)] [MAX(nnn)]  
      [SHUT(cvda2)] [SDUMP(cvda3)] [DAE(cvda4)] .')
```

where:

- *code* is required and must be the 1- to 8-character system dump code.
- *cvda1* is one of the following valid CVDA values for the dump scope option:

LOCAL  
RELATED

- *nnn* is the maximum number of dumps, from 0 - 999.
- *cvda2* is one of the following valid CVDA values for the shutdown option:

SHUTDOWN  
NOSHUTDOWN

- *cvda3* is one of the following valid CVDA values for the system dump option:

SYSDUMP  
NOSYSDUMP

- *cvda4* is one of the following valid CVDA values for the DAE option:

DAE  
NODAE

### DELETE

Remove a system dump code.

### RESET

Reset system dump code values.

### External resource name

CICSSystemDump

### Length

448

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0004

*Table 957. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ADD	CODE(value)	Yes
		DAE(DAE, NODAE)	No
		MAX(value)	No
		SCOPE(LOCAL, RELATED)	No
		SDUMP(SYSDUMP, NOSYSDUMP)	No
		SHUT(SHUTDOWN, NOSHUTDOWN)	No
	RESET	None	N/A
	DELETE	None	N/A

*Table 958. SYSDUMP FEEDBACK error codes*

Value	Code	Description
1	SYSDUMP_ADD_FAILED	Add failed

*Table 959. SYSDUMP resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Inval id	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			
CURRENT	BINARY	INQ	SYSDUMPCOD E	CURRENT	4	AVG	No	Number of dump calls since last reset			2
DAEOPTION	CVDAS	INQ	SYSDUMPCOD E	DAEOPTION	4	LIK E	Yes	Dump analysis and elimination (DAE) option			9
DAEOPTION Input/output valid values	NODAE, DAE										
DSPLIST	CHAR	INQ			255	DIF F	No	Data space name list		E640 E650 E660 E670 E690 E690 E700	11



Table 959. SYSDUMP resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Su m	Set	Description	Value Range	Get Inva lid	Attr ID
JOBLIST	CHAR	INQ	SYSDUMPCOD E	JOBLIST	13 4	DIF F	No	Job name list		E640 E650 E660 E670 E690 E700	10
MAXIMUM	BINARY	INQ	SYSDUMPCOD E	MAXIMUM	4	AVG	Yes	Maximum number of dumps with this code	0-999		3
SDMPSUPP	BINARY	STAT	DFHSDRDS	SDRSSUPR	4	AVG	No	Number of system dumps suppressed			7
SDMPTOTL	BINARY	STAT	DFHSDRDS	SDRSTKN	4	AVG	No	Number of system dumps taken			6
SDUMPSCOPE	CVDAS	INQ	SYSDUMPCOD E	DUMPSCOPE	4	LIK E	Yes	System dump scope type			8
SDUMPSCOPE Input/ output valid values	LOCAL, RELATED										
SHUTOPTION	CVDAS	INQ	SYSDUMPCOD E	SHUTOPTION	4	LIK E	Yes	Shutdown option			4
SHUTOPTION Input/ output valid values	SHUTDOWN, NOSHUTDOWN										
<b>SYSDUMPCODE-1</b>	CHAR	INQ	SYSDUMPCOD E	SYSDUMPCOD E	8	DIF F	No	System dump code			1
SYSDUMPING	CVDAS	INQ	SYSDUMPCOD E	SYSDUMPING	4	LIK E	Yes	System dump option			5
SYSDUMPING Input/ output valid values	SYSDUMP, NOSYSDUMP										



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## Chapter 397. SYSLINK Resource Table

A CICSplex SM topology definition that describes the endpoints of a communications link between two CICS systems being managed by CICSplex SM. A SYSLINK record is created when connection and sessions definitions (CONNDEF and SESSDEF) or IPIC and TCP/IP definitions (IPCONDEF and TCPDEF) are installed in one of the CICS systems. That information is used to create a link to the other CICS system.

The **Primary** key field for this resource class is FROMCSYS.

The **Secondary** key field for this resource class is TOCSYS.

The **Tertiary** key field for this resource class is CONNDEF.

The **Fourth** key field for this resource class is CONNDEFVER.

The **Fifth** key field for this resource class is SESSDEF.

The **Sixth** key field for this resource class is SESSDEFVER.

The **Seventh** key field for this resource class is LINKTYPE.

The following actions are supported:

### INSTALL

Install a System Link.

The parameter data for the INSTALL action is:

```
PARM(' [NOTIFY(notify)]
      [STATECHK(statechk)]
      [FORCEINS(forceins)].')
```

where:

```
notify      = Type of checking to be performed before install.
statechk    = Whether the existence and operational state of
              each resource should be checked before install.
forceins    = Whether definitions should be installed even
              if CICSplex SM believes they do not need to be.
```

### External resource name

CICSSystemLink

### Length

80

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Definition

### Copybook identifier

EYUt4610

<i>Table 960. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		STATECHK(YES, NO)	No

<i>Table 961. SYSLINK FEEDBACK error codes</i>		
<b>Value</b>	<b>Code</b>	<b>Description</b>
1	SYSLINK_INV_DATA	Attribute data invalid
2	SYSLINK_REC_NOT_FOUND	Requested resource not found
4	SYSLINK_REC_EXISTS	Resource already exists
6	SYSLINK_INV_RESTYPE	Invalid resource type
7	SYSLINK_INV_VER	Invalid resource version
11	SYSLINK_NON_MP	Maintenance point CMAS not available
12	SYSLINK_INV_CONTEXT	Context not found
21	SYSLINK_INV_RECADDR	Invalid record address
22	SYSLINK_INV_RECLEN	Invalid record length
23	SYSLINK_INV_ACTION	Invalid action
24	SYSLINK_LOGICAL_DUP	Logical duplicate
25	SYSLINK_INV_MAJNAME	Invalid major name
26	SYSLINK_INV_MINNAME	Invalid minor name
27	SYSLINK_INV_QUALNAME	Invalid qualifier name
28	SYSLINK_INV_FORTHNAME	Invalid session definition name
29	SYSLINK_NOTIFY	Notify
30	SYSLINK_PARTIAL_INSTALL	Partial install
31	SYSLINK_NOTHING_INSTALLED	Nothing installed
32	SYSLINK_NO_ACTIVE_SYSTEMS	No active systems
33	SYSLINK_INV_NAMELIST	Invalid name list
34	SYSLINK_INV_NOTIFY	Invalid notify
35	SYSLINK_INV_FORCEINS	Invalid force install
36	SYSLINK_INV_STATECHK	Invalid state check
37	SYSLINK_INV_LINKTYPE	Invalid link type

Table 962. SYSLINK resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent		15
CHANGEAGENT Input/output valid values	DREPAPI							
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release		18
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification		1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID		17
<b>CONNDEF-3</b>	CHAR	CPSM	8	Yes	DIFF	Primary Connection definition name		9
<b>CONNDEFVER-4</b>	BINARY	CPSM	1	Yes	AVG	Primary connection definition version		11
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created		16
<b>FROMCSYS-1</b>	CHAR	CPSM	8	Yes	DIFF	Primary CICS system name		5
<b>LINKTYPE-7</b>	EYUDA	CPSM	4	Yes	LIKE	Connection resource type	SNA	14
LINKTYPE-7 Input/output valid values	SNA, IPIC							
<b>SESSDEF-5</b>	CHAR	CPSM	8	Yes	DIFF	Secondary connection definition name		10
<b>SESSDEFVER-6</b>	BINARY	CPSM	1	Yes	AVG	Secondary connection definition version		12
<b>TOCSYS-2</b>	CHAR	CPSM	8	Yes	DIFF	Secondary CICS system name		7



## Chapter 398. SYSPARM Resource Table

A CICS Resource that describes a system initialization parameter or a system initialization parameter override in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is KEYWORD.

The **Secondary** key field for this resource class is SEGNUM.

For system initialization parameter values greater than 255 bytes, the value is split across multiple SYSPARM records. Each of the records making up the same parameter value is referred to as a segment and has a segment number referenced by the SEGNUM attribute.

The following action is supported:

### GET

Get a parameter from a specified source table.

### External resource name

CICSSystemParameter

### Length

328

### Usage

API or WUI or CICS Management Client Interface

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0197

Operations	Actions	Parameters	Required
GET		PARMSRCE(TABLE, CONSOLE, SYSIN, JCL, COMBINED)	No
		PARMTYPE(SIT)	No

Value	Code	Description
1	SYSPARM_INVALID_SOURCE	Invalid source parameter
2	SYSPARM_INVALID_TYPE	Invalid type parameter
3	SYSPARM_INVALID_NAME	Unknown keyword name

Table 965. SYSPARM resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
<b>KEYWORD-1</b>	CHAR	INQ			32	DIFF	Keyword name	1
<b>SEGNUM-2</b>	BINARY	INQ			4	MAX	Record segment number	5
SEGTOT	BINARY	INQ			4	MAX	Total segment number	6
SOURCE	EYUDA	INQ			4	LIKE	Source of system parameter	3
SOURCE Output valid values	TABLE, CONSOLE, SYSIN, JCL, COMBINED							
TOTALLEN	BINARY	INQ			4	MAX	Total value length	7
TYPE	EYUDA	INQ			4	LIKE	Type of system parameter	2
TYPE Output valid values	SIT							
VALUE	CHAR	INQ			255	DIFF	Keyword value	8
VALUELEN	BINARY	INQ			4	MAX	Keyword value length	4



## Chapter 399. SYSRES Resource Table

A CPSM Business Application Services Manager object that describes the set of CICS Definitions to be installed in a CICS system.

This object is referenced within the scope of a CICSplex and CICS system. As such, the CICS system must be explicitly identified in the API GET command PARM option by coding the following text string:

```
PARM('CICSSYS(sysname).')
```

where:

```
sysname = (Required) The name of a CICSplex SM managed CICS system.
```

The CICS system name is required.

The **Primary** key field for this resource class is RESDEF.

The **Secondary** key field for this resource class is RDEFTYPE.

The **Tertiary** key field for this resource class is RESDESC.

The **Fourth** key field for this resource class is REFDEF.

The **Fifth** key field for this resource class is CICSSYS.

There are no object specific actions for this resource class.

### External resource name

CICSResourceBySystem

### Length

88

### Usage

API or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt2611

<i>Table 966. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	Yes

Table 967. SYSRES FEEDBACK error codes

Value	Code	Description
21	SYSRES_CICSSYS_NOT_FOUND	CICS system not found

Table 968. SYSRES resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
ALIAS	CHAR	CPSM	8	DIFF	Alias for remote definition	16
<b>CICSSYS-5</b>	CHAR	CPSM	8	DIFF	CICS system name	4
DEFVER	BINARY	CPSM	1	AVG	Resource definition version	12
MODE	EYUDA	CPSM	4	LIKE	Resource usage qualifier	11
MODE Output valid values	AUTO, DYNAM, EXTRA, INTRA, IND, STAT					
<b>RDEFTYPE-2</b>	CHAR	CPSM	8	DIFF	Resource definition type	6
<b>REFDEF-4</b>	CHAR	CPSM	8	DIFF	Referenced definition name	13
REFTYPE	CHAR	CPSM	8	DIFF	Referenced definition type	15
REFVER	CHAR	CPSM	2	DIFF	Referenced definition version	14
RESASSGN	CHAR	CPSM	8	DIFF	Resource assignment name	8
<b>RESDEF-1</b>	CHAR	CPSM	8	DIFF	Resource definition name	5
<b>RESDESC-3</b>	CHAR	CPSM	8	DIFF	Resource description name	7
RESGROUP	CHAR	CPSM	8	DIFF	Resource group name	9
USAGE	EYUDA	CPSM	4	LIKE	Resource usage type	10
USAGE Output valid values	LOCAL, REMOTE, ASIS					

## Chapter 400. TAPEJRNL Resource Table

A CICS Resource that describes a tape journal in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is JOURNALNUM.

The following actions are supported:

**ADVANCE**

Advance a tape journal.

**CLOSE**

Close a tape journal.

**LEAVE**

Close and leave a tape journal position.

**OPEN**

Open a tape journal.

These actions require no unique parameter data.

**External resource name**

**Length**

64

**Usage**

EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0015

<i>Table 969. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		None	N/A
SET		None	N/A
PERFORM SET	ADVANCE	None	N/A
	CLOSE	None	N/A
	LEAVE	None	N/A
	OPEN	None	N/A

Table 970. TAPEJRNL resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	
AVGSIZE	BINARY	STAT	DFHA13DS	A13ABS	2	AVG	No	Average block size	2
BLKWRCNT	DECIMAL	STAT	DFHA13DS	A13PBC	4	AVG	No	Number of blocks written	10
BUFULLCNT	DECIMAL	STAT	DFHA13DS	A13BFC	3	AVG	No	Number of times buffer was full	12
CURVOL	CHAR	INQ	JOURNALNUM	CURRENTVOL	6	DIFF	No	Current volume	7
<b>JOURNALNUM-1</b>	BINARY	INQ	JOURNALNUM	JOURNALNUM	2	AVG	No	Journal number	1
LASTVOL	CHAR	STAT	DFHA13DS	A13LVW	6	DIFF	No	Last volume written	6
OLDPART	CNUMERIC	INQ	JOURNALNUM	OLDESTPART	4	AVG	No	Serial number of first tape in journal	5
OPENSTATUS	CVDAS	INQ			4	LIKE	Yes	Open status	4
OPENSTATUS Input/output valid values	OPENOUTPUT, CLOSED								
OPENSTATUS Input valid values	ADVANCE, CLOSELEAVE								
REWCRCNT	DECIMAL	STAT	DFHA13DS	A13LRC	5	AVG	No	Number of records written	11
TAPESLFT	BINARY	STAT	DFHA13DS	A13STL	2	AVG	No	Number of tapes left	9
TAPESOPEN	BINARY	STAT	DFHA13DS	A13VOOC	2	AVG	No	Number of tapes opened	8
TYPE	CVDAS	INQ	JOURNALNUM	JTYPE	4	LIKE	No	Journal type	3
TYPE Output valid values	TAPE1, TAPE2								

## Chapter 401. TASKASSC Resource Table

A CICSplex SM definition that, in a TCP/IP network, provides information about the tasks that make up a set of interrelated transactions. The interrelated tasks have the same transaction group ID and thus the records are organized by transaction group ID. You can filter the records using a substring of the user correlation data that has been added (by a CICS XAPADMGR global user exit program) to the user data section of the task's associated data origin descriptor.

The **Primary** key field for this resource class is TASKID.

The following actions are supported:

### GET

Retrieve the TASKASSC records for a specified task or transaction group ID.

### External resource name

CICSTaskAssociation

### Length

1624

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0169

Table 971. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 972. TASKASSC resource table attributes									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		
ACAPPLNAME	CHAR	INQ	T3		64	LIKE	Current Application Name	E640 E650 E660 E670	57

Table 972. TASKASSC resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
ACMAJORVER	BINARY	INQ	T3		4	MAX	Current Application Major Version	E640 E650 E660 E670	60
ACMICROVER	BINARY	INQ	T3		4	MAX	Current Application Micro Version	E640 E650 E660 E670	62
ACMINORVER	BINARY	INQ	T3		4	MAX	Current Application Minor Version	E640 E650 E660 E670	61
ACOPERNAME	CHAR	INQ	T3		64	LIKE	Current Application Operation	E640 E650 E660 E670	59
ACPLATNAME	CHAR	INQ	T3		64	LIKE	Current Platform	E640 E650 E660 E670	58
APPLDATA	CHAR	INQ	T3		40	DIFF	Socket application data		11
APPLID	CHAR	INQ	T3		8	DIFF	Application ID		12
CLIENTIPADDR	CHAR	INQ	T3		39	DIFF	Client IP address		35
CLIENTLOC	CHAR	INQ	T3		32	DIFF	Cluster connection type	E640 E650	40
CLIENTPORT	BINARY	INQ	T3		4	DIFF	TCP/IP stack port number		13
CLNTIPFAMILY	CVDAS	INQ	T3		4	LIKE	Client IP address format	E640 E650	42
CLNTIPFAMILY Output valid values	IPV4, IPV6, NOTAPPLIC								
DNAME	HEX	INQ	T3		24 6	DIFF	Distinguished name	E640 E650	43
FACILNAME	CHAR	INQ	T3		8	DIFF	Facility name		17
FACILTYPE	CVDAS	INQ	T3		4	LIKE	Facility type		5
FACILTYPE Output valid values	NONE, TERMINAL, TRANDATA, START, STARTTERM, SCHEDULER, XMRUNTRAN, BRIDGE, SOCKET, WEB, RRSUR, LU61, APPC, MRO, IIOP, IPIC, RZINSTOR, IPECI, UNKNOWN, EVENT, JVMSERVER, ASRUNTRAN, NODEJSAPP								
INITUSERID	CHAR	INQ	T3		8	DIFF	User ID of initiating task	E680 +	14
IPCONN	CHAR	INQ	T3		8	DIFF	IPCONN resource		15
IPFAMILY	CVDAS	INQ	T3		4	LIKE	Server IP address format		6
IPFAMILY Output valid values	IPV4, IPV6, NOTAPPLIC								
LUNAME	CHAR	INQ	T3		8	DIFF	VTAM LU name		16
MVSIMAGE	CHAR	INQ	T3		8	DIFF	MVS image		18
NETID	CHAR	INQ	T3		8	DIFF	Network ID		33
ODAPPLID	CHAR	INQ	T3		8	DIFF	Originating Application ID		19
ODAPTRDATA1	CHAR	INQ	T3		64	MAX	Originating adapter data 1	E640 E650 E660	54
ODAPTRDATA2	CHAR	INQ	T3		64	MAX	Originating adapter data 2	E640 E650 E660	55

Table 972. TASKASSC resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
ODAPTRDATA3	CHAR	INQ	T3		64	MAX	Originating adapter data 3	E640 E650 E660	56
ODAPTRID	CHAR	INQ	T3		64	MAX	Originating adapter ID	E640 E650 E660	53
ODCLNTIPADDR	CHAR	INQ	T3		39	DIFF	Originating client IP address		36
ODCLNTPORT	BINARY	INQ	T3		4	DIFF	Originating portnumber		3
ODFACILNAME	CHAR	INQ	T3		8	DIFF	Originating facility name		20
ODFACILTYPE	CVDAS	INQ	T3		4	LIKE	Originating facility type		4
ODFACILTYPE Output valid values	NONE, TERMINAL, TRANDATA, START, STARTTERM, SCHEDULER, XMRUNTRAN, BRIDGE, SOCKET, WEB, RRSUR, LU61, APPC, MRO, IIOF, IPIC, RZINSTOR, IPECI, UNKNOWN, EVENT, JVMSERVER, ASRUNTRAN, NODEJSAPP								
ODIPFAMILY	CVDAS	INQ	T3		4	LIKE	Originating client IP address format		7
ODIPFAMILY Output valid values	IPV4, IPV6, NOTAPPLIC								
ODLUNAME	CHAR	INQ	T3		8	DIFF	Originating VTAM LU name		21
ODNETID	CHAR	INQ	T3		8	DIFF	Originating network ID		34
ODNETWORKID	CHAR	INQ	T3		8	DIFF	Originating network ID		32
ODSERVERPORT	BINARY	INQ	T3		4	MAX	Originating server port	E640 E650 E660 E670 E680 E690	63
ODSTARTTIME	TIMESTP	INQ			8	MIN	Originating task start time		10
ODSTARTTM	CHAR	INQ	T3		21	MIN	Originating task start time		39
ODTASKID	DECIMAL	INQ	T3		4	MIN	Originating task ID		22
ODTCPIPS	CHAR	INQ	T3		8	DIFF	Originating TCP/IP service name	E640 E650 E660 E670 E680 E690	64
ODTRANSID	CHAR	INQ	T3		4	DIFF	Originating transaction ID		23
ODUSERID	CHAR	INQ	T3		8	DIFF	Originating user ID		24
PHAPPLID	CHAR	INQ	T3		8	DIFF	Previous hop applid	E640 E650 E660	45
PHCOUNT	BINARY	INQ	T3		4	MAX	Previous hop count	E640 E650 E660	52
PHNETWORKID	CHAR	INQ	T3		8	DIFF	Previous hop network qualifier	E640 E650 E660	46
PHSTARTTIME	TIMESTP	INQ			8	MIN	Previous hop task start time	E640 E650 E660	51
PHSTARTTM	CHAR	INQ	T3		21	DIFF	Previous hop task start time	E640 E650 E660	48
PHTASKID	DECIMAL	INQ	T3		4	MIN	Previous hop task ID	E640 E650 E660	50

Table 972. TASKASSC resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
PHTRANSID	CHAR	INQ	T3		4	DIFF	Previous hop transaction ID	E640 E650 E660	47
PROGRAM	CHAR	INQ	T3		8	DIFF	First program		25
PTCOUNT	BINARY	CMF	T3		4	MAX	Previous transaction count	E640 E650 E660 E670 E680 E690 E700	65
PTSTARTTIME	TIMESTP	CMF			8	MIN	Previous transaction task start time	E640 E650 E660 E670 E680 E690 E700	66
PTSTARTTM	CHAR	INQ	T3		21	DIFF	Previous transaction task start time	E640 E650 E660 E670 E680 E690 E700	67
PTTASKID	DECIMAL	CMF	T3		4	MIN	Previous transaction task ID	E640 E650 E660 E670 E680 E690 E700	68
PTTRANSID	CHAR	CMF	T3		4	DIFF	Previous transaction transaction ID	E640 E650 E660 E670 E680 E690 E700	69
REALM	HEX	INQ	T3		255	DIFF	Basic authentication realm name	E640 E650	44
SERVERIPADDR	CHAR	INQ	T3		39	DIFF	Scheduling IP server		37
SERVERPORT	BINARY	INQ	T3		4	DIFF	Server listening port		8
STARTTIME	TIMESTP	INQ			8	MIN	Task start time		9
STARTTM	CHAR	INQ	T3		21	MIN	Task start time		38
<b>TASKID-1</b>	DECIMAL	INQ	T3		4	MIN	Task ID		1
TCPIPJOB	CHAR	INQ	T3		8	DIFF	TCP/IP job		26
TCPIPSERVICE	CHAR	INQ	T3		8	DIFF	TCP/IP service name		27
TCPIPZONE	CHAR	INQ	T3		8	DIFF	TCP/IP network security zone		28
TRANSACTION	CHAR	INQ	T3		4	DIFF	Transaction ID		29
TRNGRPID	HEX	INQ	T3		28	DIFF	Transaction group ID		2
USRCORRDATA	CHAR	INQ	T3		64	DIFF	User correlation data		30
USERID	CHAR	INQ	T3		8	DIFF	User ID		31



## Chapter 402. TASKESTG Resource Table

A CICS Resource that describes a CICS storage element for a task.

The **Primary** key field for this resource class is TASK.

The **Secondary** key field for this resource class is ELEMENTADDR.

There are no object specific actions for this resource class.

**External resource name**

CICSTaskStorage

**Length**

40

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0144

Table 973. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 974. TASKESTG resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
DSANAME	CHAR	STAT			8	DIFF	DSA name	3
<b>ELEMENTADDR-2</b>	HEX	INQ			4	MAX	Storage element address	2
ELEMENTLEN	BINARY	INQ			4	AVG	Element length	4
<b>TASK-1</b>	DECIMAL	INQ			4	MAX	Task number	1



## Chapter 403. TASKFILE Resource Table

A CICS Resource that describes tasks and the CICS files they have used in an active system being managed by CICSplex SM. Note that for these records to be available, the MAS must be running with the SIT parameter MNRES=ON, and be using an MCT that specifies a value for FILE greater than 0 on the DFHMCT TYPE=INITIAL macro.

The **Primary** key field for this resource class is MNRTASKNO.

The **Secondary** key field for this resource class is MNRNAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTaskFileUsage

**Length**

176

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0115

Table 975. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 976. TASKFILE resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
DSNAME	CHAR	INQ			44	DIFF	Data set name	8
FCAMCNT	BINARY	STAT	MNR_FILE_ENTR Y	MNR_FILE_AM_R Q	4	AVG	Number of access method calls	9
MNRADD	SCLOCK	STAT	MNR_FILE_ENTR Y	MNR_FILE_ADD	8	AVG	ADD request time and count	14
MNRBRWSE	SCLOCK	STAT	MNR_FILE_ENTR Y	MNR_FILE_BRWS E	8	AVG	BROWSE request time and count	10

Table 976. TASKFILE resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
MNRCFDTIOWT	SCLOCK	STAT	MNR_FILE_ENTR Y	MNR_CFDI_IO_W T	8	AVG	CFDI I/O wait time and count	18
MNRDEL	SCLOCK	STAT	MNR_FILE_ENTR Y	MNR_FILE_DEL	8	AVG	DELETE request time and count	12
MNRFILELIMIT	EYUDA	STAT			4	LIKE	File limit exceeded	21
MNRFILELIMIT Output valid values	YES, NO							
MNRGET	SCLOCK	STAT	MNR_FILE_ENTR Y	MNR_FILE_GET	8	AVG	READ request time and count	11
MNRIOWT	SCLOCK	STAT	MNR_FILE_ENTR Y	MNR_FILE_IO_W T	8	AVG	File I/O wait time and count	16
<b>MNRNAME-2</b>	CHAR	STAT	MNR_FILE_ENTR Y	MNR_FILE_NAME	8	DIFF	File ID	7
MNRPUT	SCLOCK	STAT	MNR_FILE_ENTR Y	MNR_FILE_PUT	8	AVG	WRITE request time and count	13
MNRRLSIOWT	SCLOCK	STAT	MNR_FILE_ENTR Y	MNR_RLS_FILE_I O_WT	8	AVG	RLS I/O wait time and count	17
MNRSTART	TIMESTP	STAT	MNR_ID_DATA	MNR_ID_START	8	MAX	Task start time	20
<b>MNRTASKNO-1</b>	DECIMAL	STAT	MNR_ID_DATA	MNR_ID_TASKNO	4	AVG	Task ID	5
MNRTOTAL	SCLOCK	STAT	MNR_FILE_ENTR Y	MNR_FILE_TOTAL	8	AVG	Total request time and count	15
MNRTRANID	CHAR	STAT	MNR_ID_DATA	MNR_ID_TRANID	4	DIFF	Transaction ID	6
MNRUSERID	CHAR	STAT	MNR_ID_DATA	MNR_ID_USERID	8	DIFF	User ID	19

## Chapter 404. TASKRMI Resource Table

A CICS Resource that describes tasks and the use they have made of the CICS Resource Manager Interface in an active system being managed by CICSplex SM. Note that for these records to be available, the MAS must be running with MNPER=YES, and be using an MCT that specifies RMI=YES on the DFHMCT TYPE=INITIAL macro.

The **Primary** key field for this resource class is TASKID.

There are no object specific actions for this resource class.

**External resource name**

CICSTaskRMIUsage

**Length**

216

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0145

Table 977. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		INCL_QUEUED(YES, NO)	No

Table 978. TASKRMI resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
CPUTIME	SCLOCK12	CMF	DFHMNTDS	TMRCPUT	12	MAX	User task CPU time	17
DISPTIME	SCLOCK12	CMF	DFHMNTDS	TMRDIST	12	MAX	User task dispatch time	16
RESPTIME	INTTSTP	CPSM			8	MAX	Task response time	15
RMICPSMTIME	SCLOCK12	CMF	DFHMNCDS	MNC_RMI_CPSM_TIME	12	MAX	CICSplex SM RMI elapsed time	8
RMIDB2TIME	SCLOCK12	CMF	DFHMNCDS	MNC_RMI_DB2_TIME	12	MAX	DB2 RMI elapsed time	4
RMIDBCTLTIME	SCLOCK12	CMF	DFHMNCDS	MNC_RMI_DBCTL_TIME	12	MAX	DBCTL RMI elapsed time	5

Table 978. TASKRMI resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
RMIEXECDLITM	SCLOCK12	CMF	DFHMNCDS	MNC_RMI_EXECD LI_TIME	12	MAX	DL/I RMI elapsed time	6
RMIMQSERIEST	SCLOCK12	CMF	DFHMNCDS	MNC_RMI_MQSE RIES_TIME	12	MAX	MQSeries RMI elapsed time	7
RMIOOTHERTIME	SCLOCK12	CMF	DFHMNCDS	MNC_RMI_OTHER _TIME	12	MAX	Total other elapsed time	3
RMITCPIPTIME	SCLOCK12	CMF	DFHMNCDS	MNC_RMI_TCPIP_ TIME	12	MAX	TCP/IP Sockets RMI elapsed time	9
RMITIME	SCLOCK12	CMF	DFHMNTDS	TMRMIT	12	MAX	Total RMI elapsed time	1
RMITOTALTIME	SCLOCK12	CMF	DFHMNCDS	MNC_RMI_TOTAL _TIME	12	MAX	Total RMI elapsed time at last statistics interval	2
START	TIMESTP	CMF	DFHMNTDS	TMRATTT	8	MAX	Task start time	13
STOP	TIMESTP	CMF	DFHMNTDS	TMRDETT	8	MAX	Task stop time	14
SUSPTIME	SCLOCK12	CMF	DFHMNTDS	TMRST	12	MAX	Task suspend time	18
<b>TASKID-1</b>	DECIMAL	INQ	TASK	TASK	4	MAX	Task ID	11
TRANID	CHAR	INQ	TASK	TRANSACTION	4	DIFF	Transaction ID	10
USERID	CHAR	INQ			8	DIFF	User ID	12
WAITTIME	SCLOCK12	CMF	DFHMNTDS	TMRDWT	12	MAX	Dispatch wait time	19

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## Chapter 405. TASK Resource Table

This CICS resource describes a task in an active CICS system that is being managed by CICSplex SM.

The **Primary** key field for this resource class is TASK.

When used in an evaluation definition (EVALDEF), you might want to limit the evaluation to include only those tasks for which a specific transaction is associated. To do so, include the TRANID attribute in the evaluation filter expression; for example, TRANID=TRN1.

The following actions are supported:

### **PURGE**

Purge a task.

The parameter data for the PURGE action is:

```
PARM('PURGETYPE(cvda).')
```

where *cvda* is required and is a valid CVDA value for the type of operation.

Valid CVDA values for the PURGE action are PURGE, FORCEPURGE, and KILL. For example:

```
PARM('PURGETYPE(FORCEPURGE).')
```

### **FORCEPURGE**

Force purge a task.

There are no parameters for the FORCEPURGE action.

### **KILL**

Kill a task.

There are no parameters for the KILL action.

**Note:** The KILL action can lead to unpredictable results and should be used only in exceptional circumstances.

### **External resource name**

CICSTask

### **Length**

3736

### **Usage**

API or WUI or CICS Management Client Interface or EVALDEF

### **API view**

Yes

### **CMAS context**

No

### **SCOPE applies**

Yes

### **Only query CMASs in workload**

No

### **Object type**

CICS Resource

### **Copybook identifier**

EYUt0020

Table 979. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		INCL_QUEUED(YES, NO)	No
SET		None	N/A
PERFORM SET	PURGE	TYPE(PURGE, FORCEPURGE, KILL)	Yes
	FORCEPURGE	None	N/A
	KILL	None	N/A

Table 980. TASK resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		
ABCODEC	CHAR	CMF	DFHMNTDS	TMRABCDC	4	DIFF	No	Current ABEND code		23
ABCODEO	CHAR	CMF	DFHMNTDS	TMRABCDO	4	DIFF	No	Original ABEND code		22
ACAPPLNAME	CHAR	CMF	DFHMNTDS	TMRAPPLN	64	LIKE	No	Initial Application Name	E640 E650 E660 E670	451
ACMAJORVER	BINARY	CMF	DFHMNTDS	TMRMAJVR	4	MAX	No	Initial Application Major Version	E640 E650 E660 E670	454
ACMICROVER	BINARY	CMF	DFHMNTDS	TMRMICVR	4	MIN	No	Initial Application Micro Version	E640 E650 E660 E670	456
ACMINORVER	BINARY	CMF	DFHMNTDS	TMRMINVR	4	MAX	No	Initial Application Minor Version	E640 E650 E660 E670	455
ACOPERNAME	CHAR	CMF	DFHMNTDS	TMROPERN	64	LIKE	No	Initial Application Operation	E640 E650 E660 E670	453
ACPLATNAME	CHAR	CMF	DFHMNTDS	TMRPLATN	64	LIKE	No	Initial Platform	E640 E650 E660 E670	452
ACTVTYID	HEX	INQ	TASK	ACTIVITYID	52	MIN	No	BTS activity ID		186
ACTVTYNM	CHAR	INQ	TASK	ACTIVITY	16	DIFF	No	BTS activity name		185
ALLOCATES	BINARY	CMF	DFHMNTDS	TMRTAC	4	AVG	No	Number of ALLOCATE requests		32
APPLNAMEPROG	CHAR	STAT	DFHMNCDS	MNC_APPLNAME_PROG	8	DIFF	No	Application name - program		269
APPLNAMETRAN	CHAR	STAT	DFHMNCDS	MNC_APPLNAME_TRAN	4	DIFF	No	Application name - transaction		268
ASFREET	BINARY	CMF	DFHMNTDS	TMRASFR	4	MAX	No	Number of EXEC CICS FREE CHILD commands	E640 E650 E660 E670 E680 E690 E700	476



Table 980. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
ASFTCHCT	BINARY	CMF	DFHMNTDS	TMRASFCT	4	MAX	No	Number of EXEC CICS FETCH commands	E640 E650 E660 E670 E680 E690 E700	475
ASFTCHWT	SCLOCK12	CMF	DFHMNTDS	TMRASFWT	12	MAX	No	EXEC CICS FETCH wait time	E640 E650 E660 E670 E680 E690 E700	477
ASRNATWT	SCLOCK12	CMF	DFHMNTDS	TMRASRWT	12	MAX	No	EXEC CICS RUN TRANSID delayed time	E640 E650 E660 E670 E680 E690 E700	478
ASRUNCT	BINARY	CMF	DFHMNTDS	TMRASRNC	4	MAX	No	Number of EXEC CICS RUN TRANSID commands	E640 E650 E660 E670 E680 E690 E700	474
ASTOTCT	BINARY	CMF	DFHMNTDS	TMRASTC	4	MAX	No	Number of asynchronous API commands	E640 E650 E660 E670 E680 E690 E700	473
ATTACHTIME	DATETIME	INQ	TASK	ATTACHTIME	8	MAX	No	Task attach time		158
BAACDCCT	BINARY	CMF	DFHMNTDS	TMRBAADC	4	AVG	No	BTS activity data container requests		199
BAACQPCT	BINARY	CMF	DFHMNTDS	TMRBAAPC	4	AVG	No	BTS acquire requests		196
BADACTCT	BINARY	CMF	DFHMNTDS	TMRBADAC	4	AVG	No	BTS define activity requests		191
BADCPACT	BINARY	CMF	DFHMNTDS	TMRBDCPC	4	AVG	No	BTS delete activity and cancel requests		195
BADFIECT	BINARY	CMF	DFHMNTDS	TMRBADIC	4	AVG	No	BTS define input event requests		202
BADPROCT	BINARY	CMF	DFHMNTDS	TMRBADPC	4	AVG	No	BTS define process requests		190
BALKPACT	BINARY	CMF	DFHMNTDS	TMRBALKC	4	AVG	No	BTS link requests		189
BAPRDCCT	BINARY	CMF	DFHMNTDS	TMRBAPDC	4	AVG	No	BTS process data container requests		198
BARASYCT	BINARY	CMF	DFHMNTDS	TMRBARAC	4	AVG	No	BTS run asynchronous requests		188
BARATECT	BINARY	CMF	DFHMNTDS	TMRBAREC	4	AVG	No	BTS retrieve reattach event requests		201
BARMPACT	BINARY	CMF	DFHMNTDS	TMRBRPAC	4	AVG	No	BTS resume requests		194
BARSPACT	BINARY	CMF	DFHMNTDS	TMRBTPAC	4	AVG	No	BTS reset requests		192
BARSYNCT	BINARY	CMF	DFHMNTDS	TMRBARSC	4	AVG	No	BTS run synchronous requests		187
BASUPACT	BINARY	CMF	DFHMNTDS	TMRBSPAC	4	AVG	No	BTS suspend requests		193

Table 980. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
BATIAECT	BINARY	CMF	DFHMNTDS	TMRBATA	4	AVG	No	BTS timer associated event requests		203
BATOTCCT	BINARY	CMF	DFHMNTDS	TMRBATCC	4	AVG	No	BTS total data container requests		200
BATOTECT	BINARY	CMF	DFHMNTDS	TMRBATEC	4	AVG	No	BTS total event requests		204
BATOTPCT	BINARY	CMF	DFHMNTDS	TMRBATPC	4	AVG	No	BTS total requests		197
BMSCOUNT	BINARY	CMF	DFHMNTDS	TMRBMTC	4	AVG	No	Total number of BMS requests		72
BMSINCNT	BINARY	CMF	DFHMNTDS	TMRBMIC	4	AVG	No	Number of BMS map in requests		70
BMSMAPCNT	BINARY	CMF	DFHMNTDS	TMRBMMC	4	AVG	No	Number of BMS map requests		69
BMSOUTCNT	BINARY	CMF	DFHMNTDS	TMRBMOC	4	AVG	No	Number of BMS map out requests		71
BRDGTRAN	EYUDA	CMF			4	LIKE	No	Transaction ID as started by bridge		166
BRDGTRAN Output valid values	YES, NO									
BRIDGE	CHAR	INQ	TASK	BRIDGE	4	DIFF	No	Bridge transaction ID		163
BRTOKEN	HEX	INQ	TASK	BRFACILITY	8	DIFF	No	3270 Bridge Facility Token		247
BTECOMP	EYUDA	CPSM			4	LIKE	No	Workload manager begin-to-end phase complete		315
BTECOMP Output valid values	YES, NO									
CDSAGETM	BINARY	CMF	DFHMNTDS	TMRSCCGB	4	AVG	No	Number of GETMAIN requests in CDSA		36
CDSAPSHWM	BINARY	CMF	DFHMNTDS	TMRPCCBH	4	AVG	No	Maximum program storage in CDSA		52
CDSASHWM	BINARY	CMF	DFHMNTDS	TMRCHWMB	4	AVG	No	Peak number of bytes used by task in CDSA		40
CDSASOCC	BINARY	CMF	DFHMNTDS	TMRCOCCB	8	AVG	No	Average CDSA storage usage		44
CECMCHTP	CHAR	CMF	DFHMNTDS	TMRCECTP	4	DIFF	No	CEC machine type		440
CECMDLID	CHAR	CMF	DFHMNTDS	TMRCECID	16	DIFF	No	CEC model number		441
CFDTWAIT	SCLOCK12	CMF	DFHMNTDS	TMRCDTWT	12	MAX	No	CFDT wait time		179
CHARIN	BINARY	CMF	DFHMNTDS	TMRTCI1C	4	AVG	No	Number of Primary TC characters received		25
CHARINSEC	BINARY	CMF	DFHMNTDS	TMRTCI2C	4	AVG	No	Number of Secondary TC characters received		29
CHAROUT	BINARY	CMF	DFHMNTDS	TMRTCO1C	4	AVG	No	Number of Primary TC characters sent		27
CHAROUTSEC	BINARY	CMF	DFHMNTDS	TMRTCO2C	4	AVG	No	Number of Secondary TC characters sent		31
CHMODECT	BINARY	CMF	DFHMNTDS	TMRCHMDC	4	AVG	No	Number of CICS dispatcher change modes	E640 +	234
CICSWAIT	SCLOCK12	CMF	DFHMNTDS	TMRWCEWT	12	MAX	No	CICS event wait time		169
CLIPADDR	CHAR	CMF	DFHMNTDS	TMRICIPAD	40	DIFF	No	Client IP address		241
CMDSEC	CVDAS	INQ	TASK	CMDSEC	4	LIKE	No	Command level security status		93
CMDSEC Output valid values	CMDSECNO, CMDSECYES									

Table 980. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
CONTROLWAIT	SCLOCK12	CMF	DFHMNTDS	TMRGVPWT	12	MAX	No	Give-up-control wait time		171
CORREUOW	HEX	CMF			23	MIN	No	Correlation UOW id		340
CPUTIME	SCLOCK12	CMF	DFHMNTDS	TMRCPUT	12	MAX	No	User task CPU time		80
CPUTONCP	SCLOCK12	CMF	DFHMNTDS	TMRONCPT	12	MAX	No	Total CPU time on a CP	E640 E650 E660 E670	457
CURRENTPROG	CHAR	INQ	TASK	CURRENTPROG	8	DIFF	No	Current program being executed		270
CURTASKS	BINARY	CMF	DFHMNTDS	TMRCTSKS	4	AVG	No	Current tasks		439
DB2CONWT	SCLOCK12	CMF	DFHMNTDS	TMRCONWT	12	MAX	No	DB2 Connection (TCB) wait time		221
DB2PLAN	CHAR	INQ	TASK	DB2PLAN	8	DIFF	No	DB2 plan name		178
DB2RDYQW	SCLOCK12	CMF	DFHMNTDS	TMRRDQWT	12	MAX	No	DB2 ReadyQ wait time		220
DB2REQCT	BINARY	CMF	DFHMNTDS	TMRDB2RC	4	AVG	No	Total number of DB2 requests		233
DB2WAIT	SCLOCK12	CMF	DFHMNTDS	TMRDB2WT	12	MAX	No	DB2 request wait time	E680 +	222
DETRANATYPE	EYUDA	CPSM			4	LIKE	No	Transaction type details		314
DETRANATYPE Output valid values	NONE, SYSTEM, MIRROR, DPL, ONCRPC, WEB, BRIDGE, CICSBTS									
DFHCHNL329	BINARY	STAT	DFHMNCDS	MNC_DFHCHNL_329	8	AVG	No	Current container storage allocated to task.	E640	382
DFH SOCK292	BINARY	STAT	DFHMNCDS	MNC_DFHSOCK_292	4	AVG	No	Non-persistent sockets		266
DFH SOCK293	BINARY	STAT	DFHMNCDS	MNC_DFHSOCK_293	4	AVG	No	Persistent sockets		267
DFHSTOR033	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_033	4	AVG	No	Task storage UDSA		253
DFHSTOR087	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_087	4	AVG	No	Program storage - Total		257
DFHSTOR106	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_106	4	AVG	No	Task storage EUDSA		254
DFHSTOR108	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_108	4	AVG	No	Program storage - Below		259
DFHSTOR116	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_116	4	AVG	No	Task storage CDSA		255
DFHSTOR119	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_119	4	AVG	No	Task storage ECDSA		256
DFHSTOR122	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_122	4	AVG	No	Program storage - ERDSA		262
DFHSTOR139	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_139	4	AVG	No	Program storage - Above		258
DFHSTOR142	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_142	4	AVG	No	Program storage - ECDSA		260
DFHSTOR143	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_143	4	AVG	No	Program storage - CDSA		261
DFHSTOR160	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_160	4	AVG	No	Program storage - SDSA		265
DFHSTOR161	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_161	4	AVG	No	Program storage - ESDSA		264
DFHSTOR162	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_162	4	AVG	No	Program storage - RDSA		263

Table 980. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
DFHSTOR442	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_442	4	AVG	No	Task Storage - GCDSA	E640 E650 E660 E670	460
DFHSTOR444	BINARY	STAT	DFHMNCDS	MNC_DFHSTOR_444	4	AVG	No	Task Storage - GUDSA	E640 E650 E660 E670	461
DFHTASK252	BINARY	STAT	DFHMNCDS	MNC_DFHTASK_252	4	AVG	No	Current CICS dispatcher TCBS		376
DHCRECT	BINARY	CMF	DFHMNTDS	TMRDHCR	4	AVG	No	Number of Document Create requests		213
DHINSCT	BINARY	CMF	DFHMNTDS	TMRDHINC	4	AVG	No	Number of Document Insert requests		214
DHRETCT	BINARY	CMF	DFHMNTDS	TMRDHRTC	4	AVG	No	Number of Document Retrieve requests		216
DHSETCT	BINARY	CMF	DFHMNTDS	TMRDHSTC	4	AVG	No	Number of Document Set requests		215
DHTOTCT	BINARY	CMF	DFHMNTDS	TMRDHTC	4	AVG	No	Total number of Document requests		217
DHTOTDCL	BINARY	CMF	DFHMNTDS	TMRDHTDL	4	AVG	No	Total length of documents created		218
DISPTIME	SCLOCK12	CMF	DFHMNTDS	TMRDIST	12	MAX	No	User task dispatch time		79
DSAPHTWT	SCLOCK12	STAT	DFHMNTDS	TMRDSAWT	12	AVG	No	Dispatcher allocate pthread wait time	E640 E650 E660 E670 E680 E690	472
DSPDELAY	SCLOCK12	CMF	DFHMNTDS	TMRFDDLY	12	MAX	No	First dispatch delay time		131
DTB	CVDAS	INQ	TASK	DTB	4	LIKE	No	Dynamic transaction backout option		94
DTB Output valid values	NOTSUPPORTED, WAIT, COMMIT, BACKOUT									
DTIMEOUT	BINARY	INQ	TASK	DTIMEOUT	4	AVG	No	Deadlock timeout (seconds)		95
DUMPING	CVDAS	INQ	TASK	DUMPING	4	LIKE	No	Transaction dump option		96
DUMPING Output valid values	TRANSDUMP, NOTRANSDUMP									
ECDSAGETM	BINARY	CMF	DFHMNTDS	TMRSCCGA	4	AVG	No	Number of GETMAIN requests in ECDSA		37
ECDSAPSHWM	BINARY	CMF	DFHMNTDS	TMRPCCAH	4	AVG	No	Maximum program storage in ECDSA		51
ECDSASHWM	BINARY	CMF	DFHMNTDS	TMRCHWMA	4	AVG	No	Peak number of bytes used by task in ECDSA		41
ECDSASOCC	BINARY	CMF	DFHMNTDS	TMRCOCCA	8	AVG	No	Average ECDSA storage usage		45
ENQDELAY	SCLOCK12	CMF	DFHMNTDS	TMRNQDLY	12	MAX	No	Delay time for enqueue		134
EXECOMP	EYUDA	CPSM			4	LIKE	No	Workload manager execution phase complete		316
EXECOMP Output valid values	YES, NO									
EXTERNWAIT	SCLOCK12	CMF	DFHMNTDS	TMRWTXWT	12	MAX	No	External wait time		168
EXWAIT	SCLOCK12	CMF	DFHMNTDS	TMREXWT	12	MAX	No	Exception wait time		83

Table 980. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
FACILITY	CHAR	INQ	TASK	FACILITY	4	DIFF	No	Principal facility		2
FACILITYTYPE	CVDAS	INQ	TASK	FACILITYTYPE	4	LIKE	No	Facility type		3
FACILITYTYPE Output valid values	TERM, DEST, TASK									
FCADCNT	BINARY	CMF	DFHMNTDS	TMRFCAC	4	AVG	No	Number of file control WRITE requests		57
FCAMCNT	BINARY	CMF	DFHMNTDS	TMRFCAMC	4	AVG	No	Number of file control access method requests		60
FCBRWCNT	BINARY	CMF	DFHMNTDS	TMRFCBC	4	AVG	No	Number of file control browse requests		56
FCCOUNT	BINARY	CMF	DFHMNTDS	TMRFCTC	4	AVG	No	Total number of file control requests		59
FCDELCNT	BINARY	CMF	DFHMNTDS	TMRFCDC	4	AVG	No	Number of file control DELETE requests		58
FCGETCNT	BINARY	CMF	DFHMNTDS	TMRFCGC	4	AVG	No	Number of file control READ requests		54
FCIOTIME	SCLOCK12	CMF	DFHMNTDS	TMRFCWT	12	MAX	No	File control I/O wait time		85
FCPUTCNT	BINARY	CMF	DFHMNTDS	TMRFCPC	4	AVG	No	Number of file control REWRITE requests		55
FCVSWTT	SCLOCK12	CMF	DFHMNTDS	TMRFCSWT	12	MAX	No	File control VSAM string wait time	E640 E650 E660 E670	450
FCXCWTT	SCLOCK12	CMF	DFHMNTDS	TMRFCXWT	12	MAX	No	File control exclusive control wait time	E640 E650 E660 E670	449
FIRSTPRGM	CHAR	CMF	DFHMNTDS	TMRPGNM	8	DIFF	No	First program name		19
GCDSAGETM	BINARY	CMF	DFHMNTDS	TMRSCCGG	4	AVG	No	Number of GETMAIN requests in GCDSA	E640 E650 E660 E670	442
GCDSASHWM	BINARY	CMF	DFHMNTDS	TMRCHWMG	4	AVG	No	Peak number of bytes used by task in GCDSA expressed in 4K pages	E640 E650 E660 E670	443
GNQDELAY	SCLOCK12	CMF	DFHMNTDS	TMRGQDLY	12	MAX	No	Global ENQ delay time		236
GUDSAGETM	BINARY	CMF	DFHMNTDS	TMRSCUGG	4	AVG	No	Number of GETMAIN requests in GUDSA	E640 E650 E660 E670	444
GUDSASHWM	BINARY	CMF	DFHMNTDS	TMRUHWMG	4	AVG	No	Peak number of bytes used by task in GUDSA expressed in 4K pages	E640 E650 E660 E670	445
ICCOUNT	BINARY	CMF	DFHMNTDS	TMRICC	4	AVG	No	Number of interval control starts		77
IDENT	CHAR	INQ	TASK	IDENTIFIER	48	DIFF	No	User data provided by the bridge exit		175
IMSREQCT	BINARY	CMF	DFHMNTDS	TMRIMSRC	4	AVG	No	Total number of IMS requests		232
IMSWAIT	SCLOCK12	CMF	DFHMNTDS	TMRIMSWT	12	MAX	No	IMS request wait time		219
INDOUBT	CVDAS	INQ	TASK	INDOUBT	4	LIKE	No	Transaction in-doubt option		160
INDOUBT Output valid values	BACKOUT, COMMIT									

Table 980. TASK resource table attributes (continued)										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
INDOUBTFAIL	EYUDA	CPSM			4	LIKE	No	Recovery manager UOW indoubt failure		322
INDOUBTFAIL Output valid values	YES, NO									
INDOUBTMINS	BINARY	INQ	TASK	INDOUBTMINS	4	AVG	No	In-doubt time (minutes)		161
INDOUBTWAIT	CVDAS	INQ	TASK	INDOUBTWAIT	4	LIKE	No	In-doubt wait option		162
INDOUBTWAIT Output valid values	WAIT, NOWAIT									
INTVLC	BINARY	CMF	DFHMNTDS	TMRICTC	4	AVG	No	Number of interval control requests		174
INTVLWAIT	SCLOCK12	CMF	DFHMNTDS	TMRICDLY	12	MAX	No	Interval control delay time		170
IPFACCNT	BINARY	INQ	TASK	IPFLISTSIZE	4	AVG	No	Number of IP facilities associated with task	E640	384
IRIOTIME	SCLOCK12	CMF	DFHMNTDS	TMRIRWT	12	MAX	No	Inter-region communication I/O wait time		88
ISALWTT	SCLOCK12	STAT	DFHMNTDS	TMRISAWT	12	AVG	No	Delay time waiting for IPIC session allocation		436
ISOLATEST	CVDAS	INQ	TASK	ISOLATEST	4	LIKE	No	Data isolation type		97
ISOLATEST Output valid values	NOISOLATE, ISOLATE									
J8CPUT	SCLOCK12	CMF	DFHMNTDS	TMRJ8CPU	12	MAX	No	J8 TCB mode CPU time	E680 +	230
JCIOTIME	SCLOCK12	CMF	DFHMNTDS	TMRJCWT	12	MAX	No	Journal control I/O wait time		86
JCUSRCWNT	BINARY	CMF	DFHMNTDS	TMRJNLCT	4	AVG	No	Number of journal output requests	E510 +	76
JRNLWRITREQ	BINARY	CMF	DFHMNTDS	TMRJNLCT	4	AVG	No	Number of journal write requests		153
JVMSUSP	SCLOCK12	CMF	DFHMNTDS	TMRJVMS	12	MAX	No	Total Java virtual machine (JVM) suspend time		246
JVMTIME	SCLOCK12	CMF	DFHMNTDS	TMRJVMT	12	MAX	No	Total Java virtual machine (JVM) elapsed time		245
L8CPUT	SCLOCK12	CMF	DFHMNTDS	TMRL8CPU	12	MAX	No	L8 TCB mode CPU time		229
LOCKMGRWAIT	SCLOCK12	CMF	DFHMNTDS	TMRLMDLY	12	MAX	No	Lock manager wait time		167
LOGGRWRITREQ	BINARY	CMF	DFHMNTDS	TMRLGWCT	4	AVG	No	Number of CICS logger write requests		154
LPARNAME	CHAR	CMF	DFHMNTDS	TMRLPARN	8	DIFF	No	Logical partition name	E640 E650 E660 E670 E680 E690 E700	481
LU61WTT	SCLOCK12	CMF	DFHMNTDS	TMR61WT	12	MAX	No	LU6.1 I/O wait time		135
LU62WTT	SCLOCK12	CMF	DFHMNTDS	TMR62WT	12	MAX	No	LU6.2 I/O wait time		136
LUNAME	CHAR	CMF	DFHMNTDS	TMRLUNM	8	DIFF	No	VTAM LU name		18
MAXTASKS	BINARY	CMF	DFHMNTDS	TMRMTSKS	4	AVG	No	Maximum tasks		438
MPPRTXCD	BINARY	CMF	DFHMNTDS	TMRMPPTX	4	MAX	No	Number of actions triggered by policy task rules		459

Table 980. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Set	Description	Get Invali d	Attr ID
MPSRACT	BINARY	CMF	DFHMNTDS	TMRMPSRA	4	AVG	No	Number of actions triggered by policy system rules	E640 E650 E660 E670 E680 E690 E700	480
MPSRECT	BINARY	CMF	DFHMNTDS	TMRMPSRE	4	AVG	No	Number of times policy system rules evaluated	E640 E650 E660 E670 E680 E690 E700	479
MSCPUT	SCLOCK12	CMF	DFHMNTDS	TMRMSCPU	12	MAX	No	Other TCB mode CPU time		228
MSDISPT	SCLOCK12	CMF	DFHMNTDS	TMRMSDSP	12	MAX	No	Other TCB mode dispatch time		227
MSGIN	BINARY	CMF	DFHMNTDS	TMRPINMC	4	AVG	No	Number of Primary TC message receives		24
MSGINSEC	BINARY	CMF	DFHMNTDS	TMRSINMC	4	AVG	No	Number of Secondary TC message receives		28
MSGOUT	BINARY	CMF	DFHMNTDS	TMRPOUMC	4	AVG	No	Number of Primary TC message sends		26
MSGOUTSEC	BINARY	CMF	DFHMNTDS	TMRSOUMC	4	AVG	No	Number of Secondary TC message sends		30
MXTDELAY	SCLOCK12	CMF	DFHMNTDS	TMRDMXT	12	MAX	No	First dispatch delay time caused by MXT limit		133
MXTODLY	SCLOCK12	CMF	DFHMNTDS	TMRODLY	12	MAX	No	Maximum delay time on an open TCB		223
NCGETCNT	BINARY	CMF	DFHMNTDS	TMRNCGET	4	AVG	No	Number of named counter get requests	E640 E650 E660 E670 E680 E690	469
NETNAME	CHAR	CMF	DFHMNTDS	TMRNETPX	20	DIFF	No	Originating system netname		20
NETUOWID	HEX	CMF			27	MIN	No	Network id of UOW		341
OAPPLID	CHAR	CMF	DFHMNTDS	TMROAPID	8	MAX	No	Originating application ID	E640	388
OCLIPADR	CHAR	CMF	DFHMNTDS	TMROCIPIA	40	MAX	No	Originating client IP address	E640	395
OCLIPORT	BINARY	CMF	DFHMNTDS	TMROCPNO	4	MAX	No	Originating client port number	E640	396
OFCTYNME	CHAR	CMF	DFHMNTDS	TMROFCTY	8	MAX	No	Originating facility name	E640	398
OFFLCPUT	SCLOCK12	CMF	DFHMNTDS	TMROFCPT	12	MAX	No	Offload eligible on standard CP	E640 E650 E660 E670	458
ONETWKID	CHAR	CMF	DFHMNTDS	TMRONWID	8	MAX	No	Originating network ID	E640	386
OPORTNUM	BINARY	CMF	DFHMNTDS	TMROPRTN	4	MAX	No	Originating port number	E640	394
ORIGINTYPE	EYUDA	CPSM			4	LIKE	No	Transaction origin type		318
ORIGINTYPE Output valid values	NONE, TERMINAL, TDQUEUE, START, TERMSTART, SCHEDULED, XMRUN, BRIDGE, SOCKET, WEB, IIOP, RRS, LU61, LU62, MRO, ECI, IIRQRECVR, RZSTTRPT									
OSTART	TIMESTP	CMF	DFHMNTDS	TMROATTT	8	MAX	No	Originating start time	E640	387
OTCPSVCE	CHAR	CMF	DFHMNTDS	TMROTCPS	8	MAX	No	Originating TCP/IP SERVICE name	E640	393

Table 980. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
OTRAN	CHAR	CMF	DFHMNTDS	TMRTRID	4	MAX	No	Originating transaction ID	E640	390
OTRANFLG	HEX	CMF	DFHMNTDS	TMRTRFG	8	MAX	No	Originating transaction flags	E640	397
OTRANUM	DECIMAL	CMF	DFHMNTDS	TMRTRSN	4	MAX	No	Originating task ID	E640	389
OUSERCOR	CHAR	CMF	DFHMNTDS	TMRUSRC	64	MAX	No	Originating user correlation data	E640	392
USERID	CHAR	CMF	DFHMNTDS	TMRUSID	8	MAX	No	Originating user ID	E640	391
PC24RHWM	BINARY	CMF	DFHMNTDS	TMRPCRBH	4	AVG	No	Maximum read-only storage in RDSA		118
PC24SHWM	BINARY	CMF	DFHMNTDS	TMRPCSBH	4	AVG	No	Maximum shared storage in SDSA		120
PC31SHWM	BINARY	CMF	DFHMNTDS	TMRPCSAH	4	AVG	No	Maximum shared storage in ESDSA		119
PCDPLCT	BINARY	CMF	DFHMNTDS	TMRPCDPL	4	AVG	No	Distributed program link (DPL) request count		240
PCLINKCNT	BINARY	CMF	DFHMNTDS	TMRPCLIC	4	AVG	No	Number of program link requests		73
PCLOADCNT	BINARY	CMF	DFHMNTDS	TMRPCLOC	4	AVG	No	Number of program load requests		75
PCLOADTM	SCLOCK12	CMF	DFHMNTDS	TMRPCLT	12	MAX	No	Program load time		90
PCLURMCT	BINARY	CMF	DFHMNTDS	TMRPCLUC	4	AVG	No	Number of user replaceable module (URM) links		177
PCXCTLCNT	BINARY	CMF	DFHMNTDS	TMRPCXC	4	AVG	No	Program transfer control (XCTL) request count		74
PERFRECCNT	BINARY	CMF	DFHMNTDS	TMRPCNT	4	AVG	No	Number of performance records		141
PGCSTHWM	BINARY	STAT	DFHMNTDS	TMRPGCSH	8	AVG	No	Maximum container storage allocated to task.	E640	383
PRCSID	HEX	CMF	DFHMNTDS	TMRPCID	52	MIN	No	BTS process ID		183
PRCSNAME	CHAR	INQ	TASK	PROCESS	36	DIFF	No	BTS process name		182
PRCSTYPE	CHAR	INQ	TASK	PROCESSTYPE	8	DIFF	No	BTS process type		184
PRIORITY	BINARY	INQ	TASK	PRIORITY	4	AVG	Yes	Task priority		7
PROFILE	CHAR	INQ	TASK	PROFILE	8	DIFF	No	Task profile name		98
PSTG24HWM	BINARY	CMF	DFHMNTDS	TMRPCUSB	4	AVG	No	Maximum program storage below 16 MB line		47
PSTG31HWM	BINARY	CMF	DFHMNTDS	TMRPC31A	4	AVG	No	Maximum program storage above 16 MB line		48
PSTGHWM	BINARY	CMF	DFHMNTDS	TMRPCUSE	4	AVG	No	Maximum program storage across all DSAs		46
PURGEABILITY	CVDAS	INQ	TASK	PURGEABILITY	4	LIKE	No	Purgeability status		99
PURGEABILITY Output valid values	PURGEABLE, NOTPURGEABLE									
PURGETYPE	CVDAS	INQ			4	LIKE	Yes	Purge Type		248
PURGETYPE Input/output valid values	PURGE, FORCEPURGE, KILL, N_A									
QRCPUT	SCLOCK12	CMF	DFHMNTDS	TMRQRCPU	12	MAX	No	CPU time used on QR TCB		226
QRDISPT	SCLOCK12	CMF	DFHMNTDS	TMRQRDSP	12	MAX	No	Dispatch time whilst running on QR TCB		225
QRMODDLY	SCLOCK12	CMF	DFHMNTDS	TMRQRDLY	12	MAX	No	QR TCB mode delay time		224



Table 980. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
RECOVERTOKN	HEX	CMF	DFHMNTDS	TMRRMUOW	8	MIN	No	Recovery manager unit of work ID		142
RECTYPE	CHAR	CMF	DFHMNTDS	TMRTYPE	4	DIFF	No	Record type		15
RECUNITID	HEX	INQ	DFHMNTDS	TMRRMUOW	8	MIN	No	Local unit of recovery ID	E510+	13
REMOTENAME	CHAR	INQ	TASK	REMOTENAME	4	DIFF	No	Remote transaction name		112
RESOLVEACT	EYUDA	CPSM			4	LIKE	No	Recovery manager UOW resolved with indoubt action		319
RESOLVEACT Output valid values	YES, NO									
RESPTIME	INTTSTP	CPSM			8	MAX	No	Task response time		324
RESSEC	CVDAS	INQ	TASK	RESSEC	4	LIKE	No	Resource level security status		101
RESSEC Output valid values	RESSECNO, RESSECYES									
RLSCPUT	SCLOCK12	CMF	DFHMNTDS	TMRRLSCP	12	MAX	No	CPU time used by VSAM record level sharing		173
RLSWAITTIME	SCLOCK12	CMF	DFHMNTDS	TMRRLSWT	12	MAX	No	VSAM record level sharing wait time		156
RMISUSP	SCLOCK12	CMF	DFHMNTDS	TMRRMIS	12	MAX	No	RMI suspend time		138
RMITIME	SCLOCK12	CMF	DFHMNTDS	TMRRMIT	12	MAX	No	Total RMI elapsed time		137
ROFAIL	EYUDA	CPSM			4	LIKE	No	Recovery manager UOW resource owner failure		323
ROFAIL Output valid values	YES, NO									
ROMODDLY	SCLOCK12	STAT	DFHMNTDS	TMRRODLY	12	AVG	No	RO TCB mode delay time		433
ROPS31HWM	BINARY	CMF	DFHMNTDS	TMRPCRAH	4	AVG	No	Maximum program storage in ERDSA		53
ROUTING	CVDAS	INQ	TASK	ROUTING	4	LIKE	No	Dynamic routing type		100
ROUTING Output valid values	DYNAMIC, STATIC									
RRMSURID	HEX	CMF	DFHMNTDS	TMRURID	16	MIN	No	RRMS/MVS unit of recovery ID		239
RRMSWAIT	SCLOCK12	CMF	DFHMNTDS	TMRRSWT	12	MAX	No	RRMS/MVS syncpoint coordination delay time		237
RSVD1	SCLOCK12	CMF			12	MAX	No	Reserved space		164
RSVD2	EYUDA	CMF			4	LIKE	No	Reserved space		165
RSVD2 Output valid values	N_A									
RSYSID	CHAR	CMF	DFHMNTDS	TMRRSYS	4	DIFF	No	Remote system ID		113
RTIMEOUT	BINARY	INQ	TASK	RTIMEOUT	4	AVG	No	Read timeout (seconds)		102
RUNAWAY	BINARY	INQ	TASK	RUNAWAY	4	AVG	No	Runaway task time (milliseconds)		103
RUNSTATUS	CVDAS	INQ	TASK	RUNSTATUS	4	LIKE	No	Dispatch status		9
RUNSTATUS Output valid values	DISPATCHABLE, RUNNING, SUSPENDED									
RUNTRWTT	SCLOCK12	CMF	DFHMNTDS	TMRTRWTT	12	MAX	No	Run synchronous transaction wait time		205
S8CPUT	SCLOCK12	CMF	DFHMNTDS	TMR8CPU	12	MAX	No	S8 TCB mode CPU time		231

Table 980. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
SCRNSIZE	CVDAS	INQ	TASK	SCRNSIZE	4	LIKE	No	Screen size		104
SCRNSIZE Output valid values	ALTERNATE, DEFAULT									
SHAREDTSWAIT	SCLOCK12	CMF	DFHMNTDS	TMRTSHWT	12	MAX	No	Shared temporary storage wait time		172
SHSTGBYTEFMA	BINARY	CMF	DFHMNTDS	TMRSC31F	4	AVG	No	FREEMAIN byte count of shared storage above 16MB		152
SHSTGBYTEFMB	BINARY	CMF	DFHMNTDS	TMRSC24F	4	AVG	No	FREEMAIN byte count of shared storage below 16MB		149
SHSTGBYTEFMG	BINARY	CMF	DFHMNTDS	TMRSC64F	4	AVG	No	The total number of FREEMAIN bytes of shared storage above the bar.	E640 E650 E660 E670	448
SHSTGBYTEGMA	BINARY	CMF	DFHMNTDS	TMRSC31G	4	AVG	No	GETMAIN byte count of shared storage above 16MB		151
SHSTGBYTEGMB	BINARY	CMF	DFHMNTDS	TMRSC24G	4	AVG	No	GETMAIN byte count of shared storage below 16MB		148
SHSTGBYTEGMG	BINARY	CMF	DFHMNTDS	TMRSC64G	4	AVG	No	GETMAIN byte count of shared storage above the bar	E640 E650 E660 E670	447
SHSTGGMCABV	BINARY	CMF	DFHMNTDS	TMRSC31S	4	AVG	No	Shared storage GETMAIN request count above 16MB		150
SHSTGGMCBAR	BINARY	CMF	DFHMNTDS	TMRSC64S	4	AVG	No	Shared storage GETMAIN request count above the bar	E640 E650 E660 E670	446
SHSTGGMCBEL	BINARY	CMF	DFHMNTDS	TMRSC24S	4	AVG	No	Shared storage GETMAIN request count below 16MB		147
SHUNTED	EYUDA	CPSM			4	LIKE	No	Recovery manager UOW shunted		320
SHUNTED Output valid values	YES, NO									
SOBYDECT	BINARY	CMF	DFHMNTDS	TMRSOBDE	4	AVG	No	Number of socket bytes decrypted		243
SOBYENCT	BINARY	CMF	DFHMNTDS	TMRSOBEN	4	AVG	No	Number of socket bytes encrypted		242
SOCIPHER	HEX	CMF	DFHMNTDS	TMRSOCPH	4	DIFF	No	Cipher selected		437
SOCONMSG	CHAR	CMF	DFHMNTDS	TMRSOCNM	4	DIFF	No	Indicate the task processed the first message in connection	E640 E650 E660 E670 E680 E690 E700 E710	482
SOIOWTT	SCLOCK12	CMF	DFHMNTDS	TMRSOWT	12	MAX	No	TCP/IP sockets I/O wait time		238
SOMODDLY	SCLOCK12	STAT	DFHMNTDS	TMRSODLY	12	AVG	No	SO TCB mode delay time		434
SRVSYWTT	SCLOCK12	CMF	DFHMNTDS	TMRSYWTT	12	MAX	No	CFDT syncpoint wait time		180
START	TIMESTP	CMF	DFHMNTDS	TMRATTT	8	MAX	No	Task start time		16
STARTCODE	CHAR	INQ	TASK	STARTCODE	2	DIFF	No	Start code		91

Table 980. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Set	Description	Get Invali d	Attr ID
STOP	TIMESTP	CMF	DFHMNTDS	TMRDETT	8	MAX	No	Task stop time		17
STORAGECLEAR	CVDAS	INQ	TASK	STORAGECLEAR	4	LIKE	No	Storage clearance status		105
STORAGECLEAR Output valid values	CLEAR, NOCLEAR									
SUBEXECOMP	EYUDA	CPSM			4	LIKE	No	WLM subset of execution phase complete		317
SUBEXECOMP Output valid values	YES, NO									
SUSPENDTIME	INTSEC	INQ	TASK	SUSPENDTIME	4	MAX	No	Time task has been suspended		4
SUSPENDTYPE	CHAR	INQ	TASK	SUSPENDTYPE	8	DIFF	No	Reason task is suspended		5
SUSPENDVALUE	CHAR	INQ			16	DIFF	No	Resource for which task is waiting		6
SUSPTIME	SCLOCK12	CMF	DFHMNTDS	TMRSUST	12	MAX	No	Task suspend time		81
SYNCCOUNT	BINARY	CMF	DFHMNTDS	TMRSPPC	4	AVG	No	Number of syncpoint requests		78
SYNCDLY	SCLOCK12	CMF	DFHMNTDS	TMRSYDLY	12	MAX	No	Waiting for parent syncpoint delay time		206
SYNCPWAITTM	SCLOCK12	CMF	DFHMNTDS	TMRSYNCT	12	MAX	No	Syncpoint wait time		155
SZALLCTO	BINARY	CMF	DFHMNTDS	TMRSZATO	4	AVG	No	Number of FEPI allocate timeouts		127
SZALLOCT	BINARY	CMF	DFHMNTDS	TMRSZACT	4	AVG	No	Number of FEPI allocate requests		121
SZCHRIN	BINARY	CMF	DFHMNTDS	TMRSZCIN	4	AVG	No	Number of FEPI characters received		126
SZCHROUT	BINARY	CMF	DFHMNTDS	TMRSZCOT	4	AVG	No	Number of FEPI characters sent		125
SZRCVCT	BINARY	CMF	DFHMNTDS	TMRSZRCT	4	AVG	No	Number of FEPI receive requests		122
SZRCVTO	BINARY	CMF	DFHMNTDS	TMRSZRTO	4	AVG	No	Number of FEPI receive timeouts		128
SZSENDCT	BINARY	CMF	DFHMNTDS	TMRSZSCT	4	AVG	No	Number of FEPI send requests		123
SZSTRTCT	BINARY	CMF	DFHMNTDS	TMRSZTCT	4	AVG	No	Number of FEPI start requests		124
SZTOTCT	BINARY	CMF	DFHMNTDS	TMRSZTOT	4	AVG	No	Total number of FEPI requests		129
SZWAIT	SCLOCK12	CMF	DFHMNTDS	TMRSZWT	12	MAX	No	FEPI suspend time		130
<b>TASK-1</b>	DECIMAL	INQ	TASK	TASK	4	MAX	No	Task ID		1
TASKDATAKEY	CVDAS	INQ	TASK	TASKDATAKEY	4	LIKE	No	Data storage key		106
TASKDATAKEY Output valid values	CICSDATAKEY, USERDATAKEY									
TASKDATALOC	CVDAS	INQ	TASK	TASKDATALOC	4	LIKE	No	Data location		107
TASKDATALOC Output valid values	BELOW, ANY									
TASKFLAG	BINARY	CMF	DFHMNTDS	TMRRERROR	4	AVG	No	Transaction error flags		21
TCALWTT	SCLOCK12	STAT	DFHMNTDS	TMRTCAWT	12	AVG	No	Delay time waiting for session allocation		435
TCB	CVDAS	INQ	TASK	TCB	4	LIKE	No	CICS TCB type		181
TCB Output valid values	CKOPEN, UKOPEN, QR, INTERNAL									

Table 980. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Set	Description	Get Invali d	Attr ID
TCBATTCT	BINARY	CMF	DFHMNTDS	TMRTCBAC	4	AVG	No	Number of CICS dispatcher TCB attaches		235
TCC62IN2	BINARY	CMF	DFHMNTDS	TMR62ICH	4	AVG	No	Number of secondary LU6.2 characters received		115
TCC62OU2	BINARY	CMF	DFHMNTDS	TMR62OCH	4	AVG	No	Number of secondary LU6.2 characters sent		117
TCIOTIME	SCLOCK12	CMF	DFHMNTDS	TMRTCWT	12	MAX	No	Terminal I/O wait time		84
TCLDELAY	SCLOCK12	CMF	DFHMNTDS	TMRFDTCL	12	MAX	No	First dispatch delay time caused by TCL		132
TCM62IN2	BINARY	CMF	DFHMNTDS	TMR62IMC	4	AVG	No	Number of secondary LU6.2 messages received		114
TCM62OU2	BINARY	CMF	DFHMNTDS	TMR62OMC	4	AVG	No	Number of secondary LU6.2 messages sent		116
TDCOUNT	BINARY	CMF	DFHMNTDS	TMRTDTC	4	AVG	No	Total number of transient data requests		64
TDELWTT	SCLOCK12	STAT	DFHMNTDS	TMRTDELW	12	AVG	No	TD extrapartition lock wait time		432
TDGETCNT	BINARY	CMF	DFHMNTDS	TMRTDGC	4	AVG	No	Number of transient data get requests		61
TDILWTT	SCLOCK12	STAT	DFHMNTDS	TMRTDILW	12	AVG	No	TD intrapartition lock wait time		431
TDIOTIME	SCLOCK12	CMF	DFHMNTDS	TMRTDWT	12	MAX	No	Transient data I/O wait time		89
TDPURCNT	BINARY	CMF	DFHMNTDS	TMRTDRC	4	AVG	No	Number of transient data purge requests		63
TDPUTCNT	BINARY	CMF	DFHMNTDS	TMRTDPC	4	AVG	No	Number of transient data put requests		62
TERMCONNAME	CHAR	CMF	DFHMNTDS	TMRTECNM	4	DIFF	No	Terminal connection name		146
TERMID	CHAR	CMF	DFHMNTDS	TMRTEID	4	DIFF	No	Actual terminal ID or session ID		244
TERMNALINFO	HEX	CMF	DFHMNTDS	TMRTEINF	4	MIN	No	Terminal information		157
TERMSTG	BINARY	CMF			4	AVG	No	Terminal storage	E410 +	33
TMRATMSN	CHAR	CMF	DFHMNTDS	TMRATMSN	8	DIFF	No	Atom Service name	E640 E650	419
TMRBFDGC	BINARY	CMF	DFHMNTDS	TMRBFDGC	4	AVG	No	Total number of BIF DIGEST requests	E640 E650	424
TMRBFTC	BINARY	CMF	DFHMNTDS	TMRBFTC	4	AVG	No	Total number of BIF requests	E640 E650	425
TMRCBRNM	CHAR	CMF	DFHMNTDS	TMRCBRNM	4	LIKE	No	CorbaServer name	E680 +	327
TMRCFACT	BINARY	STAT	DFHMNTDS	TMRCFACT	4	AVG	No	Number OO class library API requests		281
TMRCIPOR	BINARY	CMF	DFHMNTDS	TMRCIPOR	4	MAX	No	Client IP Port	E640	401
TMRCMDLY	SCLOCK12	CMF	DFHMNTDS	TMRCMDLY	12	AVG	No	CICS TCB Change Mode delay time		368
TMRDHLC	BINARY	CMF	DFHMNTDS	TMRDHLC	4	AVG	No	Number of Document Delete requests	E640	381
TMRDSCWT	SCLOCK12	CMF	DFHMNTDS	TMRDSCWT	12	MAX	No	MVS DS storage constraint wait time		339

Table 980. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Set	Description	Get Invali d	Attr ID
TMRDSMWT	SCLOCK12	CMF	DFHMNTDS	TMRDSMWT	12	MAX	No	Dispatcher TCB mismatch wait time		338
TMRDSTHW	BINARY	CMF	DFHMNTDS	TMRDSTHW	4	AVG	No	CICS dispatcher TCB high water mark		328
TMRECEVC	BINARY	CMF	DFHMNTDS	TMRECEVC	4	AVG	No	Number of EVENTS captured	E640 E650	416
TMRECFOC	BINARY	CMF	DFHMNTDS	TMRECFOC	4	AVG	No	Number of event filter requests	E640 E650	415
TMRECSEC	BINARY	CMF	DFHMNTDS	TMRECSEC	4	MAX	No	Number of synchronous emission events captured	E640 E650 E660	430
TMRECSGE	BINARY	CMF	DFHMNTDS	TMRECSGE	4	AVG	No	Number of SIGNAL EVENT requests	E640 E650	414
TMREICTC	BINARY	CMF	DFHMNTDS	TMREICTC	4	AVG	No	Total number of EXEC CICS requests	E640 E650	413
TMREJBAC	BINARY	CMF	DFHMNTDS	TMREJBAC	4	AVG	No	Number of bean state activation requests	E680 +	329
TMREJBCC	BINARY	CMF	DFHMNTDS	TMREJBCC	4	AVG	No	Number of bean creation requests	E680 +	331
TMREJBPC	BINARY	CMF	DFHMNTDS	TMREJBPC	4	AVG	No	Number of bean state passivation requests	E680 +	330
TMREJBRC	BINARY	CMF	DFHMNTDS	TMREJBRC	4	AVG	No	Number of bean removal requests	E680 +	332
TMREJBTC	BINARY	CMF	DFHMNTDS	TMREJBTC	4	AVG	No	Total number of Enterprise bean requests	E680 +	334
TMREJMCT	BINARY	CMF	DFHMNTDS	TMREJMCT	4	AVG	No	Number of Enterprise bean method calls	E680 +	333
TMRHTDLY	SCLOCK12	STAT	DFHMNTDS	TMRHTDLY	12	AVG	No	Maximum Hot-Pooling TCB delay time	E640 +	306
TMRICSCC	BINARY	CMF	DFHMNTDS	TMRICSCC	4	AVG	No	Total local START CHANNEL requests		371
TMRICSCD	BINARY	CMF	DFHMNTDS	TMRICSCD	4	AVG	No	Data length of all local START CHANNEL requests		372
TMRICSRC	BINARY	CMF	DFHMNTDS	TMRICSRC	4	AVG	No	Total remote START CHANNEL requests		373
TMRICSRD	BINARY	CMF	DFHMNTDS	TMRICSRD	4	AVG	No	Data length of all remote START CHANNEL requests		374
TMRISACT	BINARY	CMF	DFHMNTDS	TMRISACT	4	MAX	No	Number of IPCONN allocate requests	E640	403
TMRISCNM	CHAR	CMF	DFHMNTDS	TMRISCNM	8	MAX	No	IPCONN Name	E640	402
TMRISWT	SCLOCK12	CMF	DFHMNTDS	TMRISWT	12	MAX	No	IPCONN I/O wait time	E640	404
TMRJ9CPU	SCLOCK12	CMF	DFHMNTDS	TMRJ9CPU	12	MAX	No	J9 TCB mode CPU time	E680 +	337
TMRJSTWT	SCLOCK12	CMF	DFHMNTDS	TMRJSTWT	12	MAX	No	JVM server thread wait time	E640 E650	405
TMRJTDLY	SCLOCK12	STAT	DFHMNTDS	TMRJTDLY	12	AVG	No	Maximum Java virtual machine (JVM) TCB delay time	E680 +	305
TMRJVMIT	SCLOCK12	STAT	DFHMNTDS	TMRJVMIT	12	AVG	No	Java virtual machine elapsed time - initialise		311
TMRJVMRT	SCLOCK12	STAT	DFHMNTDS	TMRJVMRT	12	AVG	No	Java virtual machine elapsed time - resetting		312

Table 980. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
TMRKY8CP	SCLOCK12	STAT	DFHMNTDS	TMRKY8CP	12	AVG	No	User task key 8 mode CPU time		304
TMRKY8DS	SCLOCK12	STAT	DFHMNTDS	TMRKY8DS	12	AVG	No	User task key 8 mode dispatch time		303
TMRKY9CP	SCLOCK12	STAT	DFHMNTDS	TMRKY9CP	12	AVG	No	User task key 9 mode CPU time		336
TMRKY9DS	SCLOCK12	STAT	DFHMNTDS	TMRKY9DS	12	AVG	No	User task key 9 mode dispatch time		335
TMRL9CPU	SCLOCK12	CMF	DFHMNTDS	TMRL9CPU	12	MAX	No	User task L9 mode CPU time		375
TMRMLCTM	SCLOCK12	CMF	DFHMNTDS	TMRMLCTM	12	MAX	No	XML System Services CPU time	E640 E650	427
TMRMLTDL	BINARY	CMF	DFHMNTDS	TMRMLTDL	4	AVG	No	Total document length	E640 E650	426
TMRMLXTC	BINARY	CMF	DFHMNTDS	TMRMLXTC	4	AVG	No	Number of EXEC CICS XML TRANSFORM requests	E640 E650	406
TMRMQAST	SCLOCK12	CMF			12	MAX	No	WebSphere MQ API SRB timeme	E640 E650	429
TMRMQGWT	SCLOCK12	CMF	DFHMNTDS	TMRMQGWT	12	MAX	No	WebSphere MQ Getwait wait time	E640	400
TMRNETID	CHAR	STAT	DFHMNTDS	TMRNETID	8	DIFF	No	Network id		277
TMRNETSX	HEX	CMF	DFHMNTDS	TMRNETSX	8	DIFF	No	LU6.2 network-wide UOW instance and sequence number		325
TMRNJAPN	CHAR	CMF	DFHMNTDS	TMRNJAPN	32	DIFF	No	Node.js Application name	E640 E650 E660 E670 E680 E690 E700 E710	483
TMROIDWT	SCLOCK12	STAT	DFHMNTDS	TMROIDWT	12	AVG	No	OTS indoubt wait time		310
TMROTSID	CHAR	STAT	DFHMNTDS	TMROTSID	12 8	DIFF	No	OTS transaction id		280
TMRPCDCC	BINARY	CMF	DFHMNTDS	TMRPCDCC	4	AVG	No	Number of DPL program link requests with channel		347
TMRPCDLL	BINARY	CMF	DFHMNTDS	TMRPCDLL	4	AVG	No	Data length of all DPL program links with channel		343
TMRPCDRL	BINARY	CMF	DFHMNTDS	TMRPCDRL	4	AVG	No	Total data length of all DPL returns with channel		344
TMRPCLCC	BINARY	CMF	DFHMNTDS	TMRPCLCC	4	AVG	No	Number of program link requests with channel		345
TMRPCRCC	BINARY	CMF	DFHMNTDS	TMRPCRCC	4	AVG	No	Number of program return requests with channel		348
TMRPCRCL	BINARY	CMF	DFHMNTDS	TMRPCRCL	4	AVG	No	Data length of all program returns with channel		349
TMRPCXCC	BINARY	CMF	DFHMNTDS	TMRPCXCC	4	AVG	No	Number of program XCTL requests with channel		346
TMRPGBCC	BINARY	CMF	DFHMNTDS	TMRPGBCC	4	AVG	No	Number of browse container channel requests		351

Table 980. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
TMRPGCCC	BINARY	CMF	DFHMNTDS	TMRPGCCC	4	AVG	No	Number of containers created for channel containers		379
TMRPGCTC	BINARY	CMF	DFHMNTDS	TMRPGCTC	4	AVG	No	Total number of channel data container requests		350
TMRPGGCC	BINARY	CMF	DFHMNTDS	TMRPGGCC	4	AVG	No	Number of get container channel requests		352
TMRPGGCL	BINARY	CMF	DFHMNTDS	TMRPGGCL	8	AVG	No	Data length of all get container channel requests		355
TMRPGMCC	BINARY	CMF	DFHMNTDS	TMRPGMCC	4	AVG	No	Number of move container channel requests		354
TMRPGPCC	BINARY	CMF	DFHMNTDS	TMRPGPCC	4	AVG	No	Number of put container channel requests		353
TMRPGPCL	BINARY	CMF	DFHMNTDS	TMRPGPCL	8	AVG	No	Data length of all put container channel requests		356
TMRPIPLN	CHAR	CMF	DFHMNTDS	TMRPIPLN	8	DIFF	No	Pipeline name	E640 E650	418
TMRPORTN	BINARY	STAT	DFHMNTDS	TMRPORTN	4	AVG	No	TCP/IP service port number		279
TMRPTPWT	SCLOCK12	STAT	DFHMNTDS	TMRPTPWT	12	AVG	No	Partner wait time		313
TMRRLUNM	CHAR	STAT	DFHMNTDS	TMRRLUNM	8	DIFF	No	Real LUNAME		278
TMRROCPU	SCLOCK12	STAT	DFHMNTDS	TMRROCPU	12	AVG	No	User task RO mode CPU time		302
TMRRODSP	SCLOCK12	STAT	DFHMNTDS	TMRRODSP	12	AVG	No	User task RO mode dispatch time		301
TMRROPWT	SCLOCK12	STAT	DFHMNTDS	TMRROPWT	12	AVG	No	Request processor wait time		309
TMRQRWT	SCLOCK12	STAT	DFHMNTDS	TMRQRWT	12	AVG	No	Request receiver wait time		308
TMRSOCIN	BINARY	STAT	DFHMNTDS	TMRSOCIN	4	AVG	No	Number characters received		293
TMRSOCNS	BINARY	STAT	DFHMNTDS	TMRSOCNS	4	AVG	No	Number CREATE non-persistent socket requests		288
TMRSOCOT	BINARY	STAT	DFHMNTDS	TMRSOCOT	4	AVG	No	Number characters sent		295
TMRSOCPS	BINARY	STAT	DFHMNTDS	TMRSOCPS	4	AVG	No	Number CREATE persistent socket requests		289
TMRSOERC	BINARY	STAT	DFHMNTDS	TMRSOERC	4	AVG	No	EXTRACT TCPIP and EXTRACT CERTIFICATE request count		287
TMRSOI1C	BINARY	STAT	DFHMNTDS	TMRSOI1C	4	AVG	No	Number inbound socket characters received		298
TMRSOIMC	BINARY	STAT	DFHMNTDS	TMRSOIMC	4	AVG	No	Number inbound socket receive requests		297
TMRSONHW	BINARY	STAT	DFHMNTDS	TMRSONHW	4	AVG	No	Non-persistent socket HWM		290
TMRSOO1C	BINARY	STAT	DFHMNTDS	TMRSOO1C	4	AVG	No	Number inbound socket characters sent		300
TMRSOOMC	BINARY	STAT	DFHMNTDS	TMRSOOMC	4	AVG	No	Number inbound socket send requests		299

Table 980. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
TMRSOOWT	SCLOCK12	STAT	DFHMNTDS	TMRSOOWT	12	AVG	No	Outbound socket I/O wait time		307
TMRSOPHW	BINARY	STAT	DFHMNTDS	TMRSOPHW	4	AVG	No	Persistent socket HWM		291
TMRSORCT	BINARY	STAT	DFHMNTDS	TMRSORCT	4	AVG	No	Number socket receive requests		292
TMRSOSCT	BINARY	STAT	DFHMNTDS	TMRSOSCT	4	AVG	No	Number socket send requests		294
TMRSOTC	BINARY	STAT	DFHMNTDS	TMRSOTC	4	AVG	No	Total number socket requests		296
TMRSTDLY	SCLOCK12	CMF	DFHMNTDS	TMRSTDLY	12	AVG	No	Maximum CICS SSL TCB delay time		366
TMRT8CPU	SCLOCK12	CMF	DFHMNTDS	TMRT8CPU	12	MAX	No	User task T8 mode cpu time	E640 E650	411
TMRTCPV	CHAR	CMF	DFHMNTDS	TMRTCPV	8	DIFF	No	TCP/IP Service name		326
TMRTGPID	HEX	STAT	DFHMNTDS	TMRTGPID	28	DIFF	No	Transaction group id		275
TMRTIATC	BINARY	CMF	DFHMNTDS	TMRTIATC	4	AVG	No	Number of EXEC CICS ASKTIME requests	E640 E650	422
TMRTITC	BINARY	CMF	DFHMNTDS	TMRTITC	4	AVG	No	Total number of EXEC CICS xxxTIME requests	E640 E650	423
TMRTRSN	DECIMAL	STAT	DFHMNTDS	TMRTRSN	4	MAX	No	Transaction sequence number		274
TMRTDLY	SCLOCK12	CMF	DFHMNTDS	TMRTDLY	12	MAX	No	Maximum thread TCB delay time	E640 E650	412
TMRURIMN	CHAR	CMF	DFHMNTDS	TMRURIMN	8	DIFF	No	URI map name	E640 E650	417
TMRWBOC	BINARY	CMF	DFHMNTDS	TMRWBOC	4	AVG	No	Number of web browse requests		365
TMRWBRC	BINARY	STAT	DFHMNTDS	TMRWBRC	4	AVG	No	Number WEB BROWSE requests		284
TMRWBERC	BINARY	STAT	DFHMNTDS	TMRWBERC	4	AVG	No	Number WEB EXTRACT requests		283
TMRWBI1C	BINARY	CMF	DFHMNTDS	TMRWBI1C	4	AVG	No	Number of bytes received by web requests		361
TMRWBIRC	BINARY	CMF	DFHMNTDS	TMRWBIRC	4	AVG	No	Number of web receive requests		360
TMRWBIWC	BINARY	CMF	DFHMNTDS	TMRWBIWC	4	AVG	No	Number of invoke web service requests		357
TMRWBO1C	BINARY	CMF	DFHMNTDS	TMRWBO1C	4	AVG	No	Number of bytes sent by web send requests		363
TMRWBOSC	BINARY	CMF	DFHMNTDS	TMRWBOSC	4	AVG	No	Number of web send requests		362
TMRWBPRC	BINARY	CMF	DFHMNTDS	TMRWBPRC	4	AVG	No	Number of web parse requests		364
TMRWBRDL	BINARY	CMF	DFHMNTDS	TMRWBRDL	4	AVG	No	Data length of data read from the repository		377
TMRWBROC	BINARY	CMF	DFHMNTDS	TMRWBROC	4	AVG	No	Number of web read requests		358
TMRWBRPR	BINARY	STAT	DFHMNTDS	TMRWBRPR	4	AVG	No	Number repository reads		282
TMRWBRRC	BINARY	STAT	DFHMNTDS	TMRWBRRC	4	AVG	No	Number WEB READ requests		285
TMRWBWDL	BINARY	CMF	DFHMNTDS	TMRWBWDL	4	AVG	No	Data length of data written to the repository		378



Table 980. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
TMRWBWOC	BINARY	CMF	DFHMNTDS	TMRWBWOC	4	AVG	No	Number of web write requests		359
TMRWBWRC	BINARY	STAT	DFHMNTDS	TMRWBWRC	4	AVG	No	Number WEB WRITE requests		286
TMRWMQRC	BINARY	CMF	DFHMNTDS	TMRWMQRC	4	MAX	No	Total number Websphere MQ requests	E640	399
TMRWPBMN	CHAR	CMF	DFHMNTDS	TMRWPBMN	8	DIFF	No	Program name	E640 E650	421
TMRWSATC	BINARY	CMF	DFHMNTDS	TMRWSATC	4	AVG	No	Total number of WS addressing requests	E640 E650	410
TMRWSCBC	BINARY	CMF	DFHMNTDS	TMRWSCBC	4	AVG	No	Number of WSACONTEXT BUILD requests	E640 E650	407
TMRWSCGC	BINARY	CMF	DFHMNTDS	TMRWSCGC	4	AVG	No	Number of WSACONTEXT GET requests	E640 E650	408
TMRWSEPC	BINARY	CMF	DFHMNTDS	TMRWSEPC	4	AVG	No	Number of WSAEPR create requests	E640 E650	409
TMRWSOPN	CHAR	CMF	DFHMNTDS	TMRWSOPN	64	DIFF	No	Web Services Operation name	E640 E650	428
TMRWSVCN	CHAR	CMF	DFHMNTDS	TMRWSVCN	32	DIFF	No	Web service name	E640 E650	420
TMRX8CPU	SCLOCK12	CMF	DFHMNTDS	TMRX8CPU	12	AVG	No	User task X8 mode CPU time		369
TMRX9CPU	SCLOCK12	CMF	DFHMNTDS	TMRX9CPU	12	AVG	No	User task X9 mode CPU time		370
TMRXTDLY	SCLOCK12	CMF	DFHMNTDS	TMRXTDLY	12	AVG	No	Maximum CICS XPLink TCB delay time		367
TRACING	CVDAS	INQ	TASK	TRACING	4	LIKE	No	Task tracing type		108
TRACING Output valid values	SPECTRACE, STANTRACE, SPRSTRACE									
TRANCLASS	CHAR	INQ	TASK	TRANCLASS	8	DIFF	No	Transaction class		10
TRANFLAGS	HEX	CMF	DFHMNTDS	TMRTFLG	8	MIN	No	Transaction flags		145
TRANID	CHAR	INQ	TASK	TRANSACTION	4	DIFF	No	Transaction		11
TRANPRIORITY	BINARY	INQ	TASK	TRANPRIORITY	4	AVG	No	Transaction priority		109
TRANATYPE	CHAR	CMF	DFHMNTDS	TMRTTRY	4	DIFF	No	Transaction type		14
TRPROF	CHAR	INQ	TASK	TRPROF	8	DIFF	No	Transaction routing profile name		110
TSCOUNT	BINARY	CMF	DFHMNTDS	TMRTSTC	4	AVG	No	Total number of temporary storage requests		68
TSGETCNT	BINARY	CMF	DFHMNTDS	TMRTSGC	4	AVG	No	Number of temporary storage gets		65
TSGETSCNT	BINARY	CMF	DFHMNTDS	TMRTSGSC	4	AVG	No	Number of TS gets to shared storage	E640 E650 E660 E670 E680 E690	467
TSIOTIME	SCLOCK12	CMF	DFHMNTDS	TMRTSWT	12	MAX	No	Temporary storage I/O wait time		87
TSPUTACNT	BINARY	CMF	DFHMNTDS	TMRTSPAC	4	AVG	No	Number of TS puts to auxiliary storage		66
TSPUTCNT	BINARY	CMF	DFHMNTDS	TMRTSPMC	4	AVG	No	Number of TS puts to main storage		67

Table 980. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Set	Description	Get Invali d	Attr ID
TSPUTCNT	BINARY	CMF	DFHMNTDS	TMRTPSPC	4	AVG	No	Number of TS puts to shared storage	E640 E650 E660 E670 E680 E690	468
TWASIZE	BINARY	INQ	TASK	TWASIZE	4	AVG	No	Size in bytes of transaction work area (TWA)		111
UNITOFWORK	HEX	INQ	TASK	UOW	16	MIN	No	Local unit of work (UOW) ID		159
UNSHUNTED	EYUDA	CPSM			4	LIKE	No	Recovery manager UOW unshunted		321
UNSHUNTED Output valid values	YES, NO									
UOWID	HEX	CMF	DFHMNTDS	TMRNETSX	8	MIN	No	Network UOW instance and sequence number		8
USERID	CHAR	INQ	TASK	USERID	8	DIFF	No	User ID		12
USRPS24HWM	BINARY	CMF	DFHMNTDS	TMRPCUSB	4	AVG	No	Maximum program storage in UDSA		50
USRPS31HWM	BINARY	CMF	DFHMNTDS	TMRPC31A	4	AVG	No	Maximum program storage in EUDSA		49
USTG24CNT	BINARY	CMF	DFHMNTDS	TMRSCUGB	4	AVG	No	User storage GETMAIN request count below 16MB		34
USTG24HWM	BINARY	CMF	DFHMNTDS	TMRUSHWB	4	AVG	No	Peak number of bytes used by task in UDSA		38
USTG24OCC	BINARY	CMF	DFHMNTDS	TMRUTSOB	8	AVG	No	Average storage usage below 16 MB line		42
USTG31CNT	BINARY	CMF	DFHMNTDS	TMRSCUGA	4	AVG	No	User storage GETMAIN request count above 16MB		35
USTG31HWM	BINARY	CMF	DFHMNTDS	TMRUSHWA	4	AVG	No	Peak number of bytes used by task in EUDSA		39
USTG31OCC	BINARY	CMF	DFHMNTDS	TMRUTSOA	8	AVG	No	Average storage usage above 16 MB line		43
WAITTIME	SCLOCK12	CMF	DFHMNTDS	TMRDWT	12	MAX	No	Dispatch wait time		82
WBCHRIN	BINARY	CMF	DFHMNTDS	TMRWBCIN	4	AVG	No	Number of characters received via WEB requests		208
WBCHROUT	BINARY	CMF	DFHMNTDS	TMRWBCOT	4	AVG	No	Number of characters sent via WEB requests		210
WBISSFCT	BINARY	CMF	DFHMNTDS	TMRWSSFC	4	MAX	No	INVOKE SOAP service faults	E640 E650	464
WBJSNRPL	BINARY	CMF	DFHMNTDS	TMRJSRPL	4	AVG	No	JSON response body length	E640 E650 E660 E670 E680 E690	471
WBJSNRQL	BINARY	CMF	DFHMNTDS	TMRJSRQL	4	AVG	No	JSON request body length	E640 E650 E660 E670 E680 E690	470
WBRCVCT	BINARY	CMF	DFHMNTDS	TMRWBRCCT	4	AVG	No	Number of WEB receive requests		207

Table 980. TASK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
WBREPWCT	BINARY	CMF	DFHMNTDS	TMRWBRPW	4	AVG	No	Number of WEB repository writes		212
WBSSENDCT	BINARY	CMF	DFHMNTDS	TMRWSBCT	4	AVG	No	Number of WEB send requests		209
WBSFCRCT	BINARY	CMF	DFHMNTDS	TMRWSFCC	4	MAX	No	SOAPFAULT CREATE requests	E640 E650	462
WBSFTOCT	BINARY	CMF	DFHMNTDS	TMRWSFTC	4	MAX	No	Total SOAPFAULT CREATE requests	E640 E650	463
WBSREQBL	BINARY	CMF	DFHMNTDS	TMRWSQBL	4	MAX	No	SOAP request body length	E640 E650	465
WBSRSPBL	BINARY	CMF	DFHMNTDS	TMRWSRBL	4	MAX	No	SOAP response body length	E640 E650	466
WBTOTCT	BINARY	CMF	DFHMNTDS	TMRWBTC	4	AVG	No	Total number of WEB requests		211
WLMRPTRCNAME	CHAR	CMF	DFHMNTDS	TMRPTCL	8	DIFF	No	Workload manager report class name		144
WLMSRVCNAME	CHAR	CMF	DFHMNTDS	TMRSRVCL	8	DIFF	No	Workload manager service class name		143



# Chapter 406. TASKSQ Resource Table

A CICS Resource that describes tasks and the CICS Temporary Storage Queues they have used in an active system being managed by CICSplex SM. Note that for these records to be available, the MAS must be running with the SIT parameter MNRES=ON, and be using an MCT that specifies a value greater than 0 for TSQUEUE on the DFHMCT TYPE=INITIAL macro.

The **Primary** key field for this resource class is MNRTASKNO.

The **Secondary** key field for this resource class is TSQNAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTaskTSQueueUsage

**Length**

152

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0146

Table 981. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 982. TASKSQ resource table attributes									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		
GETSHRITEML	BINARY	STAT	MNR_TSQUEUE_ENTRY	MNR_TSQUEUE_GET_SHR_ITEML	4	SUM	Shared TS queue READQ item length	E640 E650 E660 E670 E680 E690	22
MNRSTART	TIMESTP	STAT	MNR_ID_DATA	MNR_ID_START	8	MAX	Task start time		14
<b>MNRTASKNO-1</b>	DECIMAL	STAT	MNR_ID_DATA	MNR_ID_TASKNO	4	MAX	Task ID		11

Table 982. TASKSQ resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
MNRTRANID	CHAR	STAT	MNR_ID_DATA	MNR_ID_TRANID	4	DIFF	Transaction ID		12
MNRSQLIMIT	EYUDA	STAT			4	LIKE	TS queue limit exceeded		15
MNRSQLIMIT Output valid values	YES, NO								
MNRUSERID	CHAR	STAT	MNR_ID_DATA	MNR_ID_USERID	8	DIFF	User ID		13
PUTAUXITEML	BINARY	STAT	MNR_TSQUEUE_ENTRY	MNR_TSQUEUE_PUT_AUX_ITEML	4	SUM	Auxiliary TS queue WRITEQ item length		9
PUTMAINITEML	BINARY	STAT	MNR_TSQUEUE_ENTRY	MNR_TSQUEUE_PUT_MAIN_ITEML	4	SUM	Main TS queue WRITEQ item length		10
PUTSHRITEML	BINARY	STAT	MNR_TSQUEUE_ENTRY	MNR_TSQUEUE_PUT_SHR_ITEML	4	SUM	Shared TS queue WRITEQ item length	E640 E650 E660 E670 E680 E690	23
SHRTSQIOWT	SCLOCK	STAT	MNR_TSQUEUE_ENTRY	MNR_SHR_TSQUEUE_IO_WT	8	AVG	Shared TS queue I/O wait time		7
TSQGET	SCLOCK	STAT	MNR_TSQUEUE_ENTRY	MNR_TSQUEUE_GET	8	AVG	TS queue READQ time and count		2
TSQGETITEML	BINARY	STAT	MNR_TSQUEUE_ENTRY	MNR_TSQUEUE_GET_ITEML	4	SUM	TS queue READQ item length		8
TSQGETSHR	SCLOCK	STAT	MNR_TSQUEUE_ENTRY	MNR_TSQUEUE_GET_SHR	8	AVG	Shared TS queue READQ time and count	E640 E650 E660 E670 E680 E690	20
TSQIOWT	SCLOCK	STAT	MNR_TSQUEUE_ENTRY	MNR_TSQUEUE_IO_WT	8	AVG	TS queue I/O wait time		6
<b>TSQNAME-2</b>	CHAR	STAT	MNR_TSQUEUE_ENTRY	MNR_TSQUEUE_NAME	16	DIFF	TS queue name		1
TSQPUTAUX	SCLOCK	STAT	MNR_TSQUEUE_ENTRY	MNR_TSQUEUE_PUT_AUX	8	AVG	Auxiliary TS queue WRITEQ time and count		3
TSQPUTMAIN	SCLOCK	STAT	MNR_TSQUEUE_ENTRY	MNR_TSQUEUE_PUT_MAIN	8	AVG	Main TS queue WRITEQ time and count		4
TSQPUTSHR	SCLOCK	STAT	MNR_TSQUEUE_ENTRY	MNR_TSQUEUE_PUT_SHR	8	AVG	Shared TS queue WRITEQ time and count	E640 E650 E660 E670 E680 E690	21
TSQTOTAL	SCLOCK	STAT	MNR_TSQUEUE_ENTRY	MNR_TSQUEUE_TOTAL	8	AVG	Total TSQ I/O time and count		5

## Chapter 407. TCLINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a transaction class definition (TRNCLDEF) in a resource group (RESGROUP). A TRNCLDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is TRNCLGROUP.

The **Secondary** key field for this resource class is TRNCLNAME.

The **Tertiary** key field for this resource class is TRNCLVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6159

<i>Table 983. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 984. TCLINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	TCLINGRP_INV_DATA	Attribute data invalid
2	TCLINGRP_REC_NOT_FOUND	Requested resource not found
4	TCLINGRP_REC_EXISTS	Resource already exists
6	TCLINGRP_INV_RESTYPE	Invalid resource type
7	TCLINGRP_INV_VER	Invalid resource version
11	TCLINGRP_NON_MP	Maintenance point CMAS not available

Table 984. TCLINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	TCLINGRP_INV_CONTEXT	Context not found
21	TCLINGRP_INCONSISTENT_SET	Inconsistent set
22	TCLINGRP_DIFF_VERSION	Different version
23	TCLINGRP_INV_NAME	Invalid name
24	TCLINGRP_INV_MINNAME	Invalid minor name

Table 985. TCLINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>TRNCLGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>TRNCLNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Transaction class definition name	6
<b>TRNCLVER-3</b>	BINARY	CPSM	1	Yes	AVG	Transaction class definition version	7



## Chapter 408. TCPDEF Resource Table

A CICS Definition that describes a TCP/IP Service.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a TCP/IP Service Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionTCPIPService

### Length

560

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3823

<i>Table 986. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Operations	Actions	Parameters	Required
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Value	Code	Description
1	TCPDEF_INV_DATA	Attribute data invalid
2	TCPDEF_REC_NOT_FOUND	Requested resource not found
4	TCPDEF_REC_EXISTS	Resource already exists
5	TCPDEF_REC_CHANGED	Resource definition already changed
6	TCPDEF_INV_RESTYPE	Invalid resource type
7	TCPDEF_INV_VER	Invalid resource version
11	TCPDEF_NON_MP	Maintenance point CMAS not available
12	TCPDEF_INV_CONTEXT	Context not found
13	TCPDEF_INCONSISTENT_SET	Inconsistent set condition
14	TCPDEF_INV_RESGROUP	Resource group not found
21	TCPDEF_INV_ACTION	Invalid action
22	TCPDEF_INV_RECADDR	Invalid record address
23	TCPDEF_INV_RECLEN	Invalid record length
24	TCPDEF_DIFF_VERSION	Different version
25	TCPDEF_EARLY_NAMELIST_END	Early name list end
26	TCPDEF_INV_NAMELIST	Invalid name list
27	TCPDEF_INV_NAME	Invalid name
28	TCPDEF_INV_MINNAME	Invalid minor name

Table 987. TCPDEF FEEDBACK error codes (continued)

<b>Value</b>	<b>Code</b>	<b>Description</b>
29	TCPDEF_NOTIFY	Notify
30	TCPDEF_PARTIAL_INSTALL	Partial install
31	TCPDEF_NOTHING_INSTALLED	Nothing installed
32	TCPDEF_NO_TARGETS	No targets
33	TCPDEF_NO_RELATED	No related systems
34	TCPDEF_INV_TSCOPE	Invalid target scope
35	TCPDEF_INV_RSCOPE	Invalid related scope
36	TCPDEF_INV_USAGE	Invalid usage
37	TCPDEF_INV_MODE	Invalid mode
38	TCPDEF_INV_STATECHK	Invalid state check
39	TCPDEF_INV_FORCEINS	Invalid force install
40	TCPDEF_INV_NOTIFY	Invalid notify
41	TCPDEF_INV_OVERTYPE	Invalid oertype
42	TCPDEF_INV_OVRBLOCK	Invalid override block
43	TCPDEF_INV_ORSTRING	Invalid override string
44	TCPDEF_INV_STRNGTERM	Invalid string terminator
45	TCPDEF_INV_EMBEDTERM	Invalid embedded terminator
46	TCPDEF_INV_ATTRIBUTE	Invalid attribute
47	TCPDEF_INV_LITERAL	Invalid literal
48	TCPDEF_INV_ORSTGNA	Invalid override string
49	TCPDEF_SCOPE_REQUIRED	Scope required
50	TCPDEF_USAGE_CONFLICT	Usage conflict
51	TCPDEF_NODEFS_SELECTED	No definitions selected
52	TCPDEF_MORE_THAN_1_RELSYS	More than one related system
53	TCPDEF_MISSING_RELSYSID	Missing related system identifier
54	TCPDEF_SCOPE_CONFLICT	Scope conflict
55	TCPDEF_INV_CSDGROUP	Invalid CSD group
56	TCPDEF_REC_NOT_REMOVED	Record not removed
57	TCPDEF_INV_RESOURCE	Invalid resource
58	TCPDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	TCPDEF_PARTIAL_ACTION	Partial action
60	TCPDEF_NOTHING_ACTIONED	Nothing actioned
61	TCPDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 987. TCPDEF FEEDBACK error codes (continued)

Value	Code	Description
62	TCPDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	TCPDEF_CSD_ERROR	CSD access error
64	TCPDEF_INV_MAXPERSIST	Invalid maxpersist value

Table 988. TCPDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
ATTACHSEC	EYUDA	CPSM	4	No	LIKE	Attach-time security	NOTAPPLIC			30
ATTACHSEC Input/output valid values	LOCAL, VERIFY, NOTAPPLIC									
AUTHENTICATE	EYUDA	CPSM	4	Yes	LIKE	Authentication level	NO			25
AUTHENTICATE Input/output valid values	NO, BASIC, CERTIFICATE, AUTOREGISTER, AUTOMATIC, NOTAPPLIC, ASSERTED									
BACKLOG	CHAR	CPSM	8	Yes	DIFF	Queue backlog limit		0-32767		12
CERTIFICATE	CHAR	CPSM	56	No	DIFF	Certificate				15
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	36
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	38
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	37
CIPHERS	CHAR	CPSM	56	No	LIKE	SSL cipher suite codes				32
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				16
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	41
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		34
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				20
DNSGROUP	CHAR	CPSM	18	No	DIFF	Domain name service (DNS) group			E690 +	27
GRPCRITICAL	EYUDA	CPSM	4	No	LIKE	Critical domain name service (DNS) group member	NOTAPPLIC		E690 +	29
GRPCRITICAL Input/output valid values	NO, YES, NOTAPPLIC									
HOST	CHAR	CPSM	116	Yes	DIFF	Incoming connections listening address			E640 E650	40
IPADDRESS	CHAR	CPSM	15	No	DIFF	IPv4 address				22
MAXDATALEN	CHAR	CPSM	6	No	DIFF	Maximum length of data to be received or sent	32	3-524288		33
MAXPERSIST	CHAR	CPSM	5	No	DIFF	Maximum number of persistent connections	NO	0-65535	E640 E650 E660	42
MAXPERSIST Input/output valid values	NO									

Table 988. TCPDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				7
PORTNUMBER	CHAR	CPSM	8	Yes	DIFF	Port number		1-65535		8
PRIVACY	CVDAS	CPSM	4	No	LIKE	Privacy	NOTAPPLIC		E640+	31
PRIVACY Input/output valid values	REQUIRED, SUPPORTED, NOTSUPPORTED, NOTAPPLIC									
PROTOCOL	CVDAS	CPSM	4	No	LIKE	Protocol				26
PROTOCOL Input/output valid values	HTTP, IIOP, ECI, USER, NOTAPPLIC, IPIC									
REALM	CHAR	CPSM	56	No	DIFF	Basic authentication realm name			E640	35
SOCKETCLOSE	CHAR	CPSM	6	No	DIFF	Timeout for socket close (HHMMSS)				23
SPECIFTCPS	CHAR	CPSM	8	No	DIFF	Specific TCPIPService			E640 E650 E660 E670 E680	43
SSL	EYUDA	CPSM	4	Yes	LIKE	Secure sockets layer (SSL) type	NO			13
SSL Input/output valid values	YES, NO, CLIENTAUTH, ATTLASWARE									
STATUS	CVDAS	CPSM	4	Yes	LIKE	TCP/IP service status	OPEN			9
STATUS Input/output valid values	OPEN, CLOSED									
TRANSACTION	CHAR	CPSM	4	Yes	DIFF	CICS transaction ID				10
TSQPREFIX	CHAR	CPSM	6	No	DIFF	TS queue prefix				21
URM	CHAR	CPSM	8	No	DIFF	User-replaceable module name				11
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				17
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				18
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				19



## Chapter 409. TCPINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a TCP/IP Service definition (TCPDEF) in a resource group (RESGROUP). A TCPDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is TCPGROUP.

The **Secondary** key field for this resource class is TCPNAME.

The **Tertiary** key field for this resource class is TCPVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6168

<i>Table 989. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 990. TCPINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	TCPINGRP_INV_DATA	Attribute data invalid
2	TCPINGRP_REC_NOT_FOUND	Requested resource not found
4	TCPINGRP_REC_EXISTS	Resource already exists
6	TCPINGRP_INV_RESTYPE	Invalid resource type
7	TCPINGRP_INV_VER	Invalid resource version
11	TCPINGRP_NON_MP	Maintenance point CMAS not available

Table 990. TCPINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	TCPINGRP_INV_CONTEXT	Context not found
21	TCPINGRP_INCONSISTENT_SET	Inconsistent set
22	TCPINGRP_DIFF_VERSION	Different version
23	TCPINGRP_INV_NAME	Invalid name
24	TCPINGRP_INV_MINNAME	Invalid minor name

Table 991. TCPINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>TCPGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource Group name	5
<b>TCPNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	TCP/IP service definition name	6
<b>TCPVER-3</b>	BINARY	CPSM	1	Yes	AVG	TCP/IP service definition version	7



# Chapter 410. TCPIPGBL Resource Table

A CICS Resource that provides information about CICS internal TCP/IP sockets support.

There are no object specific actions for this resource class.

**External resource name**

CICSTCPIPStatistics

**Length**

424

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0113

*Table 992. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A

*Table 993. TCPIPGBL resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		
ACTSOCKETS	BINARY	INQ	TCPIP	ACTSOCKETS	4	AVG	No	Number of active TCP/IP sockets		3
CDELMAXSOCKS	BINARY	STAT	DFHSGDS	SOG_CURR_DELAYED_AT_MAX	4	AVG	No	Current number of requests delayed at maximum sockets		17
CINSCKSNPERS	BINARY	STAT	DFHSGDS	SOG_CURR_NPERS_INB_SOCKETS	4	AVG	No	Current number of non-persistent inbound sockets	E640 E650 E660 E670 E680 E690 E700	36

Table 993. TCPIPGBL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
CINSOCKETS	BINARY	STAT	DFHSGDSD	SOG_CURR_INBOUND_SOCKETS	4	AVG	No	Number of inbound sockets		4
COUTSOCKETS	BINARY	STAT	DFHSGDSD	SOG_CURR_OUTBOUND_SOCKETS	4	AVG	No	Number of non-persistent outbound sockets		6
CPERSOCKETS	BINARY	STAT	DFHSGDSD	SOG_CURR_PERS_OUTBOUND_SOCKETS	4	AVG	No	Number of persistent outbound sockets		8
CQTMASOXS	BINARY	STAT	DFHSGDSD	SOG_CURRENT_QTIME_AT_MAX	4	AVG	No	Current delay time at maximum sockets (seconds)		19
CRLPROFILE	CHAR	INQ			246	LIKE	No	Certificate Revocation List (CRL) Profile Name		21
DELMASOXS	BINARY	STAT	DFHSGDSD	SOG_DELAYED_AT_MAX_SOCKETS	4	AVG	No	Total number of requests delayed at maximum sockets		14
INSCKSNPERS	BINARY	STAT	DFHSGDSD	SOG_NPERS_INBOUND_SOCKETS_CREATED	4	AVG	No	Total number of non-persistent inbound sockets created	E640 E650 E660 E670 E680 E690 E700	37
INSOCKETSCR	BINARY	STAT	DFHSGDSD	SOG_INBOUND_SOCKETS_CREATED	4	AVG	No	Number of inbound sockets created		10
LTIMPAUSLIST	TIMESTP	STAT	DFHSGDSD	SOG_TIME_LAST_PAUSED_HTTP_LISTENING	8	MAX	No	Last time socket listener paused listening for HTTP connections	E640 E650 E660 E670 E680 E690	26
LTIMSTOPPERS	TIMESTP	STAT	DFHSGDSD	SOG_TIME_LAST_STOPPED_PERSISTENT	8	MAX	No	Last time stopped HTTP connection persistence	E640 E650 E660 E670 E680 E690	29
MAXSOCKETS	BINARY	INQ	TCPIP	MAXSOCKETS	4	AVG	Yes	Maximum number of TCP/IP sockets		2
OUTSCKSREUSE	BINARY	STAT	DFHSGDSD	SOG_TIMES_OUTBOUND_SOCKETS_REUSED	4	AVG	No	Total number of times outbound sockets reused	E640 E650 E660 E670 E680 E690 E700	38
OUTSOCKETSCLOS	BINARY	STAT	DFHSGDSD	SOG_OUTBOUND_SOCKETS_CLOSED	4	AVG	No	Number of outbound sockets closed		12
OUTSOCKETSCR	BINARY	STAT	DFHSGDSD	SOG_OUTBOUND_SOCKETS_CREATED	4	AVG	No	Number of outbound sockets created		11
OUTSOCKSPERS	BINARY	STAT	DFHSGDSD	SOG_PERS_OUTBOUND_CREATED	4	AVG	No	Total number of persistent outbound sockets	E640 E650 E660 E670 E680 E690 E700	33

Table 993. TCPIPGBL resource table attributes (continued)										
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
PAUSINGLIST	EYUDA	STAT	DFHSGDSD	SOG_PAUSING_HTTP_LISTENING	4	LIKE	No	Socket listener has paused listening for HTTP connections	E640 E650 E660 E670 E680 E690	32
PAUSINGLIST Input/output valid values	YES, NO									
PDELMAXSOCKS	BINARY	STAT	DFHSGDSD	SOG_PEAK_DELAYED_AT_MAX	4	MAX	No	Peak number of requests delayed at maximum sockets		18
PINSCKSNPERS	BINARY	STAT	DFHSGDSD	SOG_PEAK_NONPERSISTENT_INBOUND_SOCKETS	4	MAX	No	Peak number of non-persistent inbound sockets	E640 E650 E660 E670 E680 E690 E700	35
PINSCKSPERS	BINARY	STAT	DFHSGDSD	SOG_PEAK_PERSISTENT_INBOUND_SOCKETS	4	MAX	No	Peak number of persistent inbound sockets	E640 E650 E660 E670 E680 E690 E700	39
PINSOCKETS	BINARY	STAT	DFHSGDSD	SOG_PEAK_INBOUND_SOCKETS	4	MAX	No	Peak number of inbound sockets		5
POUTSCKSBOTH	BINARY	STAT	DFHSGDSD	SOG_PEAK_BOTH_OUTBOUND_SOCKETS	4	MAX	No	Peak number of outbound sockets	E640 E650 E660 E670 E680 E690 E700	34
POUTSOCKETS	BINARY	STAT	DFHSGDSD	SOG_PEAK_OUTBOUND_SOCKETS	4	MAX	No	Peak number of non-persistent outbound sockets		7
PPERSOCKETS	BINARY	STAT	DFHSGDSD	SOG_PEAK_PERSISTENT_OUTBOUND_SOCKETS	4	MAX	No	Peak number of persistent outbound sockets		9
QTMAXSOCKS	BINARY	STAT	DFHSGDSD	SOG_QTIME_AT_MAX_SOCKETS	4	AVG	No	Total delay time at maximum sockets (seconds)		15
RSVD1	CHAR	CPSM			9	LIKE	No	Reserved area	EALL	22
SOTUNING	EYUDA	STAT	DFHSGDSD	SOG_SOTUNING	4	LIKE	No	Performance tuning for HTTP connections	E640 E650 E660 E670 E680 E690	24
SOTUNING Input/output valid values	YES, 520									
SSLCACHE	CVDAS	INQ	TCPIP	ACTSOCKETS	4	LIKE	No	SSL cache type		20
SSLCACHE Output valid values	CICS, SYSPLEX									
STATUS	CVDAS	INQ	TCPIP	OPENSTATUS	4	LIKE	Yes	TCP/IP status		1
STATUS Input/output valid values	OPEN, CLOSED, IMMCLOSE									
STATUS Output valid values	CLOSING, IMMCLOSING, OPENING									

Table 993. TCP/IPGBL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
STOPPINGPERS	EYUDA	STAT	DFHSGDSD	SOG_STOPPING_PERSISTENCE	4	LIKE	No	Region stopping HTTP connection persistence	E640 E650 E660 E670 E680 E690	27
STOPPINGPERS Input/output valid values	YES, NO									
TDOMAXSOCKS	BINARY	STAT	DFHSGDSD	SOG_TIMEDOUT_AT_MAX_SOCKETS	4	AVG	No	Number of timeouts at maximum sockets		16
TIMATACCLIM	BINARY	STAT	DFHSGDSD	SOG_TIMES_ACCEPT_LIMIT	4	AVG	No	Number of times socket listener notified at task accept limit	E640 E650 E660 E670 E680 E690	25
TIMDISCATMAX	BINARY	STAT	DFHSGDSD	SOG_TIMES_COINN_DISCONNECTED_AT_MAX	4	AVG	No	Number of times disconnected an HTTP connection at maximum uses	E640 E650 E660 E670 E680 E690	31
TIMMAXSOCKS	BINARY	STAT	DFHSGDSD	SOG_TIMES_AT_MAX_SOCKETS	4	AVG	No	Number of times maximum sockets reached		13
TIMMNONPERS	BINARY	STAT	DFHSGDSD	SOG_TIMES_MAKE_NON_PERSISTENT	4	AVG	No	Number of persistent HTTP connections made non-persistent	E640 E650 E660 E670 E680 E690	30
TIMSTOPPERS	BINARY	STAT	DFHSGDSD	SOG_TIMES_STOPPED_PERSISTENT	4	AVG	No	Number of times region stopped HTTP connection persistence	E640 E650 E660 E670 E680 E690	28

## Chapter 411. TCPIPS Resource Table

A CICS Resource that describes a TCP/IP Service in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**CLOSE**

Close a TCP/IP Service

**DISCARD**

Discard a TCP/IP Service

**IMMCLOSE**

Close a TCP/IP Service immediately

**OPEN**

Open a TCP/IP Service

These actions require no unique parameter data.

**External resource name**

CICSTCPIPService

**Length**

624

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0103

<i>Table 994. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A
	OPEN	None	N/A
	CLOSE	None	N/A
	IMMCLOSE	None	N/A

Table 994. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	DEREGISTER	None	N/A

Table 995. TCPIPS resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF	No	CICS System Name				
EYU_CICSREL	CHAR	CPSM			4	DIF	No	CICS Release				
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved				
ATTACHSEC	CVDAS	INQ	TCPIPSERVICE	ATTACHSEC	4	LIKE	No	Attach-time security				32
ATTACHSEC Input/output valid values	NOTAPPLIC											
ATTACHSEC Output valid values	LOCAL, VERIFY											
AUTHENTICATE	CVDAS	INQ	TCPIPSERVICE	AUTHENTICATE	4	LIKE	No	Authentication level				24
AUTHENTICATE Output valid values	AUTOAUTH, AUTOREGISTER, BASICAUTH, CERTIFICAUTH, NOAUTHENTIC, ASSERTED											
BACKLOG	BINARY	INQ	TCPIPSERVICE	BACKLOG	4	AVG	Yes	Queue backlog setting				3
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0		E640E650	48
BYTERCVD	BINARY	STAT	DFHSORDS	SOR_BYTES_RECEIVED	8	AVG	No	Number of bytes received across all sockets				21
BYTESENT	BINARY	STAT	DFHSORDS	SOR_BYTES_SENT	8	AVG	No	Number of bytes sent across all sockets				19
CERTIFICATE	CHAR	INQ	TCPIPSERVICE	CERTIFICATE	3	DIF	No	Certificate				25
CHANGEAGENT	CVDAS	INQ	TCPIPSERVICE	ATTACHSEC	4	LIKE	No	Last modification agent			E640E650	40
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, SYSTEM, CREATESPI, NOTAPPLIC											
CHANGEAGREL	CHAR	INQ	TCPIPSERVICE	ATTACHSEC	4	DIF	No	Last modification agent release			E640E650	41
CHANGETIME	DATETIME	INQ	TCPIPSERVICE	ATTACHSEC	8	MAX	No	Last modification time			E640E650	43
CHANGEUSRID	CHAR	INQ	TCPIPSERVICE	ATTACHSEC	8	DIF	No	Last modification user ID			E640E650	39
CIPHERS	CHAR	INQ	TCPIPSERVICE	ATTACHSEC	5	LIKE	No	SSL cipher suite codes				34
CLOSETIMEOUT	BINARY	INQ	TCPIPSERVICE	CLOSETIMEOUT	4	AVG	No	Timeout for socket close (seconds)				23

Table 995. TCPIPS resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
CMAKBACKLOG	BINARY	STAT	DFHSORDS	SOR_CURR_MAX_BACKLOG	4	AVG	No	Current maximum backlog			E640 E650 E660 E670 E680 E690 E700	65
CONNECTIONS	BINARY	INQ	TCPIPSERVICE	CONNECTIONS	4	AVG	No	Number of connections				8
CONNLASTDROP	TIMESTP	STAT	DFHSORDS	SOR_CONN_LAST_DROPPED	8	MAX	No	Time connection last dropped			E640 E650 E660 E670 E680 E690 E700	64
CONNSDROPPED	BINARY	STAT	DFHSORDS	SOR_CONNS_DROPPED	4	AVG	No	Connections dropped			E640 E650 E660 E670 E680 E690 E700	63
CURRBACKLOG	BINARY	STAT	DFHSORDS	SOR_CURR_BACKLOG	4	AVG	No	Current backlog			E640 E650 E660 E670 E680 E690 E700	62
DEFINESOURCE	CHAR	INQ	TCPIPSERVICE	ATTACHSEC	8	DIF	No	Source of the resource definition			E640 E650	44
DEFINETIME	DATETIME	INQ	TCPIPSERVICE	ATTACHSEC	8	MAX	No	Creation time			E640 E650	45

Table 995. TCPIPS resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
DISCATTLIM	BINARY	STAT	DFHSORDS	SOR_DISC_AT_TASK_LIMIT	4	AVG	No	Times disconnected a persistent connection at task limit			E640 E650 E660 E670 E680 E690 E700	60
DISCATUSELIM	BINARY	STAT	DFHSORDS	SOR_DISC_AT_MAX_USES	4	AVG	No	Times disconnected an connection at max uses			E640 E650 E660 E670 E680 E690 E700	61
DNSGROUP	CHAR	INQ	TCPIPSERVICE	CLOSETIMEOUT	18	DIF	No	Domain name service (DNS) group			E690+	28
DNSSTATUS	CVDAS	INQ	TCPIPSERVICE	CLOSETIMEOUT	4	LIKE	Yes	Domain name service (DNS) status			E690+	30
DNSSTATUS Input/output valid values	DEREGISTERED											
DNSSTATUS Output valid values	UNAVAILABLE, UNREGISTERED, REGISTERED, REGERROR, DEREGERROR, NOTAPPLIC											
GENERICTCPS	CHAR	INQ			8	DIF	No	Generic TCPIPService			E640 E650 E660 E670 E680	56
GMTSERVOPN	DATETIME	STAT	DFHSORDS	SOR_OPEN_GMT	8	MAX	No	GMT service open time				14
GRPCRITICAL	CVDAS	INQ	TCPIPSERVICE	CLOSETIMEOUT	4	LIKE	No	Critical domain name service (DNS) group member			E690+	31
GRPCRITICAL Output valid values	NONCRITICAL, CRITICAL											
HOST	CHAR	INQ	TCPIPSERVICE	ATTACHSEC	16	DIF	No	Server address to listen on			E640 E650	52
HOSTTYPE	CVDAS	INQ	TCPIPSERVICE	ATTACHSEC	4	LIKE	No	The listening server's address format			E640 E650	50
HOSTTYPE Output valid values	ANY, DEFAULT, HOSTNAME, IPV4, IPV6, NOTAPPLIC											



Table 995. TCPIPS resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
INSTALLAGENT	CVDAS	INQ	TCPIPSERVICE	ATTACHSEC	4	LIKE	No	Installation agent			E640 E650	42
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST, BUNDLE											
INSTALLTIME	DATETIME	INQ	TCPIPSERVICE	ATTACHSEC	8	MAX	No	Installation time			E640 E650	47
INSTALLUSRID	CHAR	INQ	TCPIPSERVICE	ATTACHSEC	8	DIF	No	Installation user ID			E640 E650	46
IPADDRESS	CHAR	INQ	TCPIPSERVICE	IPADDRESS	15	DIF	No	IPv4 address of the service				10
IPFAMILY	CVDAS	INQ	TCPIPSERVICE	ATTACHSEC	4	LIKE	No	Resolved IP address format			E640 E650	51
IPFAMILY Output valid values	IPV4, IPV6, UNKNOWN											
IPRESOLVED	CHAR	INQ	TCPIPSERVICE	ATTACHSEC	39	DIF	No	Resolved IP address			E640 E650	49
MAXDATALEN	BINARY	INQ	TCPIPSERVICE	ATTACHSEC	4	AVG	Yes	Maximum length of data that may be received		3-524288		37
MAXPERSIST	BINARY	INQ	TCPIPSERVICE	ATTACHSEC	4	DIF	No	Maximum persistent connections			E640 E650 E660	53
<b>NAME-1</b>	CHAR	INQ	TCPIPSERVICE	TCPIPSERVICE	8	DIF	No	TCP/IP service name				1
NONPERSIST	BINARY	STAT	DFHSORDS	SOR_TCPIPS_NON_PERSIST	4	DIF	No	Number of non-persisted connections			E640 E650 E660	54
NPERSATMAXP	BINARY	STAT	DFHSORDS	SOR_NONP_AT_MAXPERSIST	4	AVG	No	Times a connection was made non-persistent because MAXPERSIST was reached			E640 E650 E660 E670 E680 E690 E700	58

Table 995. TCPIPS resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Value Range	Get Inval id	Attr ID
NPERSATTLIM	BINARY	STAT	DFHSORDS	SOR_NONP_ AT_TASK_ LI MIT	4	AV G	No	Times a connection made non-persistent at task limit			E640 E650 E660 E670 E680 E690 E700	59
NUMCIPHERS	BINARY	INQ	TCPIP SERVI CE	ATTACHSEC	2	LIK E	No	Number of SSL cipher suite codes				35
OPENSTATUS	CVDAS	INQ	TCPIP SERVI CE	OPENSTATU S	4	LIK E	Yes	TCP/IP service status				4
OPENSTATUS Input/ output valid values	OPEN, CLOSED, IMMCLOSE											
OPENSTATUS Output valid values	OPENING, CLOSING, IMMCLOSING											
PEAKCONNS	BINARY	STAT	DFHSORDS	SOR_PEAK_ CONNS	4	AV G	No	Peak number of connections				13
PORT	BINARY	INQ	TCPIP SERVI CE	PORT	4	MA X	No	Port number				2
PRIVACY	CVDAS	INQ	TCPIP SERVI CE	ATTACHSEC	4	LIK E	No	Privacy for clients using this service			E640+	33
PRIVACY Output valid values	REQUIRED, SUPPORTED, NOTSUPPORTED											
PROTOCOL	CVDAS	INQ	TCPIP SERVI CE	PROTOCOL	4	LIK E	No	Protocol				27
PROTOCOL Output valid values	HTTP, IIOP, USER, ECI, IPIC											
REALM	CHAR	INQ	TCPIP SERVI CE	ATTACHSEC	56	DIF F	No	Basic authentication realm name			E640	38
RECEIVES	BINARY	STAT	DFHSORDS	SOR_RECEIV ES	4	AV G	No	Number of receives across all sockets				20
REQUESTS	BINARY	STAT	DFHSORDS	SOR_REQUE STS	4	AV G	No	Requests			E640 E650 E660 E670 E680 E690 E700	66
SENDS	BINARY	STAT	DFHSORDS	SOR_SENDS	4	AV G	No	Number of sends across all sockets				18
SOCKETCLOSE	CVDAS	INQ	TCPIP SERVI CE	SOCKETCLO SE	4	LIK E	No	Socket close action				22
SOCKETCLOSE Output valid values	WAIT, TIMEOUT											

Table 995. TCPIPS resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Value Range	Get Invalid	Attr ID
SPECIFTCPS	CHAR	INQ	TCPIPSERVICE	ATTACHSEC	8	DIFF	No	Specific TCIPService			E640 E650 E660 E670 E680	55
SSLTYPE	CVDAS	INQ	TCPIPSERVICE	SSLTYPE	4	LIKE	No	Secure sockets layer (SSL) type				7
SSLTYPE Output valid values	SSL, NOSSL, CLIENTAUTH, ATTLAWARE											
TIMEOPEN	DATETIME	STAT	DFHSORDS	SOR_OPEN_LOCAL	8	MAX	No	Local service open time				15
TOTALCONNS	BINARY	STAT	DFHSORDS	SOR_TOTAL_CONNS	4	AVG	No	Total connections			E640 E650 E660 E670 E680 E690 E700	57
TRANATTACH	BINARY	STAT	DFHSORDS	SOR_TRANS_ATTACHED	4	AVG	No	Number of transactions attached				12
TRANSID	CHAR	INQ	TCPIPSERVICE	TRANSID	4	DIFF	No	CICS transaction ID				5
TSQPREFIX	CHAR	INQ	TCPIPSERVICE	TSQPREFIX	6	DIFF	No	TS queue prefix				9
URM	CHAR	INQ	TCPIPSERVICE	URM	8	DIFF	Yes	User-replaceable module name				6



## Chapter 412. TDQDEF Resource Table

A CICS Definition that describes an intrapartition, extrapartition, indirect or remote transient data queue.

The **Primary** key field for this resource class is NAME. Note that a TDQ name can be only 4 characters long. The remainder of the 8-character NAME field should be padded with blank spaces.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a Transient Data Queue Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionTDQueue

### Length

408

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3811

<i>Table 996. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

Operations	Actions	Parameters	Required
		MODE(INTRA, EXTRA, IND)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL, REMOTE)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

Value	Code	Description
1	TDQDEF_INV_DATA	Attribute data invalid
2	TDQDEF_REC_NOT_FOUND	Requested resource not found
4	TDQDEF_REC_EXISTS	Resource already exists
5	TDQDEF_REC_CHANGED	Resource definition already changed
6	TDQDEF_INV_RESTYPE	Invalid resource type
7	TDQDEF_INV_VER	Invalid resource version
11	TDQDEF_NON_MP	Maintenance point CMAS not available
12	TDQDEF_INV_CONTEXT	Context not found
13	TDQDEF_INCONSISTENT_SET	Inconsistent set condition
14	TDQDEF_INV_RESGROUP	Resource group not found
21	TDQDEF_INV_ACTION	Invalid action
22	TDQDEF_INV_RECADDR	Invalid record address
23	TDQDEF_INV_RECLLEN	Invalid record length
24	TDQDEF_DIFF_VERSION	Different version
25	TDQDEF_EARLY_NAMELIST_END	Early name list end
26	TDQDEF_INV_NAMELIST	Invalid name list
27	TDQDEF_INV_NAME	Invalid name
28	TDQDEF_INV_MINNAME	Invalid minor name

Table 997. TDQDEF FEEDBACK error codes (continued)

<b>Value</b>	<b>Code</b>	<b>Description</b>
29	TDQDEF_NOTIFY	Notify
30	TDQDEF_PARTIAL_INSTALL	Partial install
31	TDQDEF_NOTHING_INSTALLED	Nothing installed
32	TDQDEF_NO_TARGETS	No targets
33	TDQDEF_NO_RELATED	No related systems
34	TDQDEF_INV_TSCOPE	Invalid target scope
35	TDQDEF_INV_RSCOPE	Invalid related scope
36	TDQDEF_INV_USAGE	Invalid usage
37	TDQDEF_INV_MODE	Invalid mode
38	TDQDEF_INV_STATECHK	Invalid state check
39	TDQDEF_INV_FORCEINS	Invalid force install
40	TDQDEF_INV_NOTIFY	Invalid notify
41	TDQDEF_INV_OVERTYPE	Invalid oertype
42	TDQDEF_INV_OVRBLOCK	Invalid override block
43	TDQDEF_INV_ORSTRING	Invalid override string
44	TDQDEF_INV_STRNGTERM	Invalid string term
45	TDQDEF_INV_EMBEDTERM	Invalid embedded terminator
46	TDQDEF_INV_ATTRIBUTE	Invalid attribute
47	TDQDEF_INV_LITERAL	Invalid literal
48	TDQDEF_INV_ORSTGNA	Invalid override string
49	TDQDEF_SCOPE_REQUIRED	Scope required
50	TDQDEF_USAGE_CONFLICT	Usage conflict
51	TDQDEF_NODEFS_SELECTED	No definitions selected
52	TDQDEF_MORE_THAN_1_RELSYS	More than one related system
53	TDQDEF_MISSING_RELSYSID	Missing related system identifier
54	TDQDEF_SCOPE_CONFLICT	Scope conflict
55	TDQDEF_INV_CSDGROUP	Invalid CSD group
56	TDQDEF_REC_NOT_REMOVED	Record not removed
57	TDQDEF_INV_RESOURCE	Invalid resource
58	TDQDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	TDQDEF_PARTIAL_ACTION	Partial action
60	TDQDEF_NOTHING_ACTIONED	Nothing actioned
61	TDQDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 997. TDQDEF FEEDBACK error codes (continued)

Value	Code	Description
62	TDQDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	TDQDEF_CSD_ERROR	CSD access error

Table 998. TDQDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
ATIFACILITY	EYUDA	CPSM	4	Yes	LIKE	Destination type	TERMINAL			16
ATIFACILITY Input/output valid values	TERMINAL, FILE, SYSTEM									
BLOCKFORMAT	CVDAS	CPSM	4	No	LIKE	Block option	NOTAPPLIC			9
BLOCKFORMAT Input/output valid values	BLOCKED, UNBLOCKED, NOTAPPLIC									
BLOCKSIZE	CHAR	CPSM	8	No	DIFF	Block size	0	0-32767		21
BUFNO	CHAR	CPSM	4	No	DIFF	Number of buffers	1	1-255	E510 +	46
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	54
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	56
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	55
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				48
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	58
DATABUFFERS	CHAR	CPSM	4	No	DIFF	Number of buffers	1	1-255		23
DDNAME	CHAR	CPSM	8	Yes	DIFF	DD name				29
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		53
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				52
DEVFILENAME	CHAR	CPSM	40	Yes	DIFF	Device file name			EALL	37
DEVICEINIT	EYUDA	CPSM	4	Yes	LIKE	Open at initialization	INITIAL		E330 +	47
DEVICEINIT Input/output valid values	INITIAL, DEFERRED									
DEVICETYPE	EYUDA	CPSM	4	Yes	LIKE	Type of device	DISK		E330 +	44
DEVICETYPE Input/output valid values	DISK, TAPE, PRINTER									
DISPOSITION	EYUDA	CPSM	4	Yes	LIKE	Disposition	SHR			11
DISPOSITION Input/output valid values	SHR, OLD, MOD									
DSNAME	CHAR	CPSM	44	No	DIFF	DS name				30
ERROROPTION	EYUDA	CPSM	4	Yes	LIKE	Error option	IGNORE			12
ERROROPTION Input/output valid values	IGNORE, SKIP									



Table 998. TDQDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
FACILITYID	CHAR	CPSM	4	No	DIFF	Facility identifier				31
FILELABEL	EYUDA	CPSM	4	Yes	LIKE	Write a standard label	NO		EALL	43
FILELABEL Input/output valid values	YES, NO									
INDIRECTNAME	CHAR	CPSM	4	No	DIFF	Indirect transient data queue (TDQ) name				34
JOBUSERID	CHAR	CPSM	8	No	DIFF	Default job user ID for jobs to JES internal rdr			E640 E650 E660 E670 E680 E690 E700 E710	59
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				7
OPENTIME	EYUDA	CPSM	4	Yes	LIKE	Data set open time	INITIAL			13
OPENTIME Input/output valid values	INITIAL, DEFERRED									
PRINTCONTROL	EYUDA	CPSM	4	No	LIKE	Printer control	N_A			14
PRINTCONTROL Input/output valid values	ASA, MACHINE, N_A									
PRINTERNUM	CHAR	CPSM	4	No	DIFF	Printer number	1403	1403-5203	E330+	45
RECORDFORMAT	CVDAS	CPSM	4	No	LIKE	Record format	UNDEFINED			10
RECORDFORMAT Input/output valid values	UNDEFINED, VARIABLE, FIXED									
RECORDSIZE	CHAR	CPSM	8	No	DIFF	Record size	1	0-32767		22
RECOVSTATUS	EYUDA	CPSM	4	Yes	LIKE	Recovery option	NO			17
RECOVSTATUS Input/output valid values	NO, PHYSICAL, LOGICAL									
REMOLENGTH	CHAR	CPSM	8	No	DIFF	Remote length	1	0-32767		25
REMOTENAME	CHAR	CPSM	4	No	DIFF	Remote transient data queue (TDQ) name				35
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	System identifier of remote destination				36
RESIDENT	EYUDA	CPSM	4	Yes	LIKE	Queue is resident or non-resident	YES		E330+	41
RESIDENT Input/output valid values	YES, NO									
REUSE	EYUDA	CPSM	4	Yes	LIKE	Reuse control intervals	YES		E330+	40
REUSE Input/output valid values	YES, NO									
REWIND	EYUDA	CPSM	4	Yes	LIKE	Tape disposition	LEAVE			15
REWIND Input/output valid values	LEAVE, REREAD, NOTAPPLIC									
RSL	CHAR	CPSM	8	No	DIFF	Resource security value	PUBLIC	1-24	E330+	39
RSL Input/output valid values	PUBLIC									
SYSOUTCLASS	CHAR	CPSM	1	No	DIFF	System output (SYSOUT) class				27
TAPEMARK	EYUDA	CPSM	4	Yes	LIKE	Write a file tapemark	NO		EALL	42

Table 998. TDQDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
TAPEMARK Input/output valid values	YES, NO									
TDQTYPE	EYUDA	CPSM	4	Yes	LIKE	Transient data queue (TDQ) type	EXTRA			26
TDQTYPE Input/output valid values	EXTRA, INTRA, INDIRECT, REMOTE									
TERMID	CHAR	CPSM	4	No	DIFF	Terminal name				38
TRANSID	CHAR	CPSM	4	No	DIFF	Transaction started at trigger level				32
TRIGGERLEVEL	CHAR	CPSM	8	No	DIFF	Trigger level	1	0-32767		24
TYPEFILE	CVDAS	CPSM	4	Yes	LIKE	Data set type	INPUT			20
TYPEFILE Input/output valid values	INPUT, OUTPUT, RDBACK									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				49
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				50
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				51
USERID	CHAR	CPSM	8	No	DIFF	User ID on the triggered transaction				33
WAIT	EYUDA	CPSM	4	Yes	LIKE	Wait for UOW resynchronization	N_A			18
WAIT Input/output valid values	YES, NO, N_A									
WAITACTION	EYUDA	CPSM	4	Yes	LIKE	In-doubt UOW wait action	N_A			19
WAITACTION Input/output valid values	REJECT, QUEUE, N_A									

## Chapter 413. TDQGBL Resource Table

A CICS Resource that describes the general characteristics of transient data usage in an active CICS system being managed by CICSplex SM .

The **TDQGBL** resource class does not provide an explicit key attribute. The set of object instances returned is a function of the current scope in effect when the request is made.

There are no object specific actions for this resource class.

**External resource name**

CICSGlobalTDQueueStatistics

**Length**

120

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0025

Table 999. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 1000. TDQGBL resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
ACCESSCNT	BINARY	STAT	DFHTQGDS	TQGATNAL	4	AVG	Number of intrapartition accesses	3
BUFFERS	BINARY	STAT	DFHTQGDS	TQGANBFA	4	AVG	Number of intrapartition buffers	1
BUFFWAITS	BINARY	STAT	DFHTQGDS	TQGATNWT	4	AVG	Number of intrapartition buffer waits	5
CINUM	BINARY	STAT	DFHTQGDS	TQGANCIS	4	AVG	Number of control intervals	8
CISIZE	BINARY	STAT	DFHTQGDS	TQGACISZ	4	AVG	Control interval size	7
CURBUFFWAIT	BINARY	STAT	DFHTQGDS	TQACNWT	4	AVG	Number of current buffer waits	21

Table 1000. TDQGBL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
CURBUFVALDA	BINARY	STAT	DFHTQGDS	TQGACNIU	4	AVG	Number of current buffers with valid data	22
CURCONBUFAC	BINARY	STAT	DFHTQGDS	TQGACNAL	4	AVG	Number of current concurrent buffer accesses	20
CURCONSTRAC	BINARY	STAT	DFHTQGDS	TQGSCNAL	4	AVG	Number of current concurrent string accesses	23
CURSTRWAITS	BINARY	STAT	DFHTQGDS	TQGSNWT	4	AVG	Number of current string waits	24
FMTWRITE	BINARY	STAT	DFHTQGDS	TQGACTFT	4	AVG	Number of formatting writes	13
IOERRS	BINARY	STAT	DFHTQGDS	TQGACTIO	4	AVG	Number of I/O errors	14
NOSPACECNT	BINARY	STAT	DFHTQGDS	TQGANOSP	4	AVG	Number of times NOSPACE occurred	10
NUMCTRLINTV	BINARY	STAT	DFHTQGDS	TQGACTCI	4	AVG	Number of control intervals in use	25
PEAKBWAIT	BINARY	STAT	DFHTQGDS	TQGAMXWT	4	AVG	Peak number of intrapartition buffer waits	6
PEAKCACCESS	BINARY	STAT	DFHTQGDS	TQGAMXAL	4	AVG	Peak number of concurrent intrapartition accesses	4
PEAKCIUSE	BINARY	STAT	DFHTQGDS	TQGAMXCI	4	AVG	Peak number of control intervals used	9
PEAKQACTV	BINARY	STAT	DFHTQGDS	TQGAMXIU	4	AVG	Peak number of queues that contain data	2
PEAKSTRACC	BINARY	STAT	DFHTQGDS	TQGSXAL	4	AVG	Peak number of concurrent string accesses	17
PEAKSTRWAIT	BINARY	STAT	DFHTQGDS	TQGSXWT	4	AVG	Peak number of string waits	19
READS	BINARY	STAT	DFHTQGDS	TQGACTGT	4	AVG	Number of data set reads	12
STRACCESS	BINARY	STAT	DFHTQGDS	TQGSTNAL	4	AVG	Number of times string accessed	16
STRINGS	BINARY	STAT	DFHTQGDS	TQGSNSTA	4	AVG	Number of strings	15
STRNGWAITS	BINARY	STAT	DFHTQGDS	TQGSNWT	4	AVG	Number of string waits	18
WRITES	BINARY	STAT	DFHTQGDS	TQGACTPT	4	AVG	Number of writes to data set	11

## Chapter 414. TDQINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a transient data queue definition (TDQDEF) in a resource group (RESGROUP). A TDQDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is TDQGROUP.

The **Secondary** key field for this resource class is TDQNAME.

The **Tertiary** key field for this resource class is TDQVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6156

<i>Table 1001. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 1002. TDQINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	TDQINGRP_INV_DATA	Attribute data invalid
2	TDQINGRP_REC_NOT_FOUND	Requested resource not found
4	TDQINGRP_REC_EXISTS	Resource already exists
6	TDQINGRP_INV_RESTYPE	Invalid resource type
7	TDQINGRP_INV_VER	Invalid resource version
11	TDQINGRP_NON_MP	Maintenance point CMAS not available

Table 1002. TDQINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	TDQINGRP_INV_CONTEXT	Context not found
21	TDQINGRP_INCONSISTENT_SET	Inconsistent set
22	TDQINGRP_DIFF_VERSION	Different version
23	TDQINGRP_INV_NAME	Invalid name
24	TDQINGRP_INV_MINNAME	Invalid minor name

Table 1003. TDQINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>TDQGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>TDQNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	TDQ definition name	6
<b>TDQVER-3</b>	BINARY	CPSM	1	Yes	AVG	TDQ definition version	7

## Chapter 415. TERMDEF Resource Table

A CICS Definition that describes a terminal device with which CICS is to communicate.

The **Primary** key field for this resource class is NAME. A terminal name can be only 4 characters long. The remainder of the 8-character NAME field should be padded with blank spaces.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a Terminal Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionTerminal

### Length

640

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3812

<i>Table 1004. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

<i>Table 1004. Valid CPSM operations (continued)</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

<i>Table 1005. TERMDEF FEEDBACK error codes</i>		
<b>Value</b>	<b>Code</b>	<b>Description</b>
1	TERMDEF_INV_DATA	Attribute data invalid
2	TERMDEF_REC_NOT_FOUND	Requested resource not found
4	TERMDEF_REC_EXISTS	Resource already exists
5	TERMDEF_REC_CHANGED	Resource definition already changed
6	TERMDEF_INV_RESTYPE	Invalid resource type
7	TERMDEF_INV_VER	Invalid resource version
11	TERMDEF_NON_MP	Maintenance point CMAS not available
12	TERMDEF_INV_CONTEXT	Context not found
13	TERMDEF_INCONSISTENT_SET	Inconsistent set condition
14	TERMDEF_INV_RESGROUP	Resource group not found
21	TERMDEF_INV_ACTION	Invalid action
22	TERMDEF_INV_RECADDR	Invalid record address
23	TERMDEF_INV_RECLEN	Invalid record length
24	TERMDEF_DIFF_VERSION	Different version
25	TERMDEF_EARLY_NAMELIST_END	Early name list end
26	TERMDEF_INV_NAMELIST	Invalid name list
27	TERMDEF_INV_NAME	Invalid name
28	TERMDEF_INV_MINNAME	Invalid minor name



Table 1005. TERMDEF FEEDBACK error codes (continued)

<b>Value</b>	<b>Code</b>	<b>Description</b>
29	TERMDEF_NOTIFY	Notify
30	TERMDEF_PARTIAL_INSTALL	Partial install
31	TERMDEF_NOTHING_INSTALLED	Nothing installed
32	TERMDEF_NO_TARGETS	No targets
33	TERMDEF_NO_RELATED	No related systems
34	TERMDEF_INV_TSCOPE	Invalid target scope
35	TERMDEF_INV_RSCOPE	Invalid related scope
36	TERMDEF_INV_USAGE	Invalid usage
37	TERMDEF_INV_MODE	Invalid mode
38	TERMDEF_INV_STATECHK	Invalid state check
39	TERMDEF_INV_FORCEINS	Invalid force install
40	TERMDEF_INV_NOTIFY	Invalid notify
41	TERMDEF_INV_OVERTYPE	Invalid oertype
42	TERMDEF_INV_OVRBLOCK	Invalid override block
43	TERMDEF_INV_ORSTRING	Invalid override string
44	TERMDEF_INV_STRNGTERM	Invalid string terminator
45	TERMDEF_INV_EMBEDTERM	Invalid embedded terminator
46	TERMDEF_INV_ATTRIBUTE	Invalid attribute
47	TERMDEF_INV_LITERAL	Invalid literal
48	TERMDEF_INV_ORSTGNA	Invalid override string
49	TERMDEF_SCOPE_REQUIRED	Scope required
50	TERMDEF_USAGE_CONFLICT	Usage conflict
51	TERMDEF_NODEFS_SELECTED	No definitions selected
52	TERMDEF_MORE_THAN_1_RELSYS	More than one related system
53	TERMDEF_MISSING_RELSYSID	Missing related system identifier
54	TERMDEF_SCOPE_CONFLICT	Scope conflict
55	TERMDEF_INV_CSDGROUP	Invalid CSD group
56	TERMDEF_REC_NOT_REMOVED	Record not removed
57	TERMDEF_INV_RESOURCE	Invalid resource
58	TERMDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	TERMDEF_PARTIAL_ACTION	Partial action
60	TERMDEF_NOTHING_ACTIONED	Nothing actioned
61	TERMDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 1005. TERMDEF FEEDBACK error codes (continued)

Value	Code	Description
62	TERMDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	TERMDEF_CSD_ERROR	CSD access error

Table 1006. TERMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
ALTPRINTCOPY	EYUDA	CPSM	4	Yes	LIKE	Hardware COPY feature for alternate printer	NO			10
ALTPRINTCOPY Input/output valid values	YES, NO									
ALTPRINTER	CHAR	CPSM	4	No	DIFF	Alternate printer name				9
ASSOCPNTR	CHAR	CPSM	4	No	DIFF	Associated printer				58
ASYNCBPS	CHAR	CPSM	8	No	DIFF	OS/2 asynchronous line speed (bits per second)			EALL	78
ASYNCBPS Input/output valid values	110, 150, 300, 600, 1200, 1800, 2400, 3600, 4800, 9600, 19200									
ASYNCPORT	EYUDA	CPSM	4	No	LIKE	3151 asynchronous port (OS/2)			EALL	77
ASYNCPORT Input/output valid values	COM1, COM2, COM3, COM4, COM5, COM6, COM7, COM8									
ATI	EYUDA	CPSM	4	No	LIKE	Automatic transaction initialization allowed	NO		EALL	68
ATI Input/output valid values	YES, NO									
ATTACHSEC	EYUDA	CPSM	4	Yes	LIKE	Level of attach-time security	LOCAL			11
ATTACHSEC Input/output valid values	LOCAL, IDENTIFY, VERIFY, PERSISTENT, MIXIDPE									
AUTOCONNECT	EYUDA	CPSM	4	No	LIKE	Autoconnect to occur for terminal	NO		EALL	69
AUTOCONNECT Input/output valid values	YES, NO, ALL									
AUTOINSMODEL	EYUDA	CPSM	4	Yes	LIKE	Model for autoinstall option	NO			12
AUTOINSMODEL Input/output valid values	YES, NO, ONLY									
AUTOINSNAME	CHAR	CPSM	8	No	DIFF	Name of autoinstall model definition				13
BINDPASSWORD	HIDCHAR	CPSM	16	No	DIFF	Bind password				28
BINDSECURITY	EYUDA	CPSM	4	Yes	LIKE	Bind-time security	NO			14
BINDSECURITY Input/output valid values	YES, NO									
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	87
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	89
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification				1

Table 1006. TERMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	88
CODEPAGE	CHAR	CPSM	8	No	DIFF	Code page		1-65534	EALL	76
COLOR	EYUDA	CPSM	4	No	LIKE	Extended color feature	NO		EALL	71
COLOR Input/output valid values	YES, NO									
CONSNM	CHAR	CPSM	8	No	DIFF	Console name				16
CONSOLE	CHAR	CPSM	4	No	DIFF	Console ID		0-250	E640 +	15
CONSOLE Input/output valid values	NO									
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				59
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	91
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		86
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				63
FULLSCREEN	EYUDA	CPSM	4	No	LIKE	Window style (OS/2)			EALL	75
FULLSCREEN Input/output valid values	PMWINDOW, FULLSCREEN									
GCHARCODE	CHAR	CPSM	8	No	DIFF	Graphic character set code	0	0-65535	EALL	70
HIGHLITE	EYUDA	CPSM	4	No	LIKE	Extended highlight supported	NO		EALL	72
HIGHLITE Input/output valid values	YES, NO									
INSERVICE	EYUDA	CPSM	4	Yes	LIKE	Terminal inservice	YES			32
INSERVICE Input/output valid values	YES, NO									
KATAKANA	EYUDA	CPSM	4	No	LIKE	Katakana feature supported	NO		EALL	73
KATAKANA Input/output valid values	YES, NO									
MODENAME	CHAR	CPSM	8	No	DIFF	Logmode name				17
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				7
NATLANG	CHAR	CPSM	1	No	DIFF	Language for NLS-enabled messages				46
NETNAME	CHAR	CPSM	8	No	DIFF	VTAM network name				18
OPERID	CHAR	CPSM	3	No	DIFF	Operator identifier for BMS			E330 +	47
OPERPRIORITY	CHAR	CPSM	4	No	DIFF	Operator priority	0	0-255	E330 +	33
OPERRSL	CHAR	CPSM	50	No	DIFF	Operator resource security keys			E330 +	64
OPERSEC	CHAR	CPSM	150	No	DIFF	Operator transaction security keys			E330 +	65
OS2TERMTYP	EYUDA	CPSM	4	No	LIKE	Terminal type (OS/2)			EALL	83
OS2TERMTYP Input/output valid values	3270TERM, 3270PRNT, 3151TERM, 3270DBTM, 3270DBPR, SEQTERM									

Table 1006. TERMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
POOL	CHAR	CPSM	8	No	DIFF	Pool name for pipeline terminal				19
PRINCLSMODE	EYUDA	CPSM	4	No	LIKE	Printer close mode			EALL	84
PRINCLSMODE Input/output valid values	EOF, EOT									
PRINTEDMSG	EYUDA	CPSM	4	No	LIKE	Send messages to printer	NO		EALL	56
PRINTEDMSG Input/output valid values	YES, NO									
PRINTER	CHAR	CPSM	4	No	DIFF	Printer name				20
PRINTERCOPY	EYUDA	CPSM	4	Yes	LIKE	Hardware copy feature	NO			31
PRINTERCOPY Input/output valid values	YES, NO									
PRINTIMMED	EYUDA	CPSM	4	No	LIKE	Send end of report indicator	NO		EALL	57
PRINTIMMED Input/output valid values	YES, NO									
REMOTENAME	CHAR	CPSM	8	No	DIFF	Terminal name in the remote system				23
REMOTESYSNET	CHAR	CPSM	8	No	DIFF	Remote system network name				22
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	Remote system name				21
SCRHIGH	CHAR	CPSM	4	No	DIFF	Screen height	24	1-66	EALL	80
SCRWIDTH	CHAR	CPSM	4	No	DIFF	Screen width	80	1-132	EALL	81
SECURITYNAME	CHAR	CPSM	8	No	DIFF	Security name of the remote system				24
SOLICITED	EYUDA	CPSM	4	No	LIKE	Solicited messages	NO		EALL	85
SOLICITED Input/output valid values	NO, YES									
SPOOLDEST	CHAR	CPSM	8	No	DIFF	Spool destination			EALL	54
SPOOLPRTRSL	CHAR	CPSM	8	No	DIFF	Spool print resource security level (RSL)	PUBLIC	1-24	EALL	52
SPOOLPRTRSL Input/output valid values	PUBLIC									
SPOOLPRTTO	CHAR	CPSM	4	No	DIFF	Spool printer inactive time allowed	0	0-59	EALL	53
SPOOLTO	CHAR	CPSM	8	No	DIFF	Default spool printer name			EALL	55
TASKLIMIT	CHAR	CPSM	8	No	DIFF	Concurrent task limit for pipeline session		1-32767		29
TASKLIMIT Input/output valid values	NO									
TERMPRIORITY	CHAR	CPSM	4	No	DIFF	Terminal priority	0	0-255		30
TRANSACTION	CHAR	CPSM	4	No	DIFF	Fixed transaction ID				25
TYPETERM	CHAR	CPSM	8	Yes	DIFF	Typeterm definition name				26
UPCASETR	EYUDA	CPSM	4	No	LIKE	Uppercase translation			EALL	82
UPCASETR Input/output valid values	YES, NO, TRANID									
USEDFTUSER	EYUDA	CPSM	4	No	LIKE	Use default user	N_A			67
USEDFTUSER Input/output valid values	NO, YES, N_A									

Table 1006. TERMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
USERAREALEN	CHAR	CPSM	4	No	DIFF	Length of the user area for the terminal	0	0-255	EALL	74
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				60
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				61
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				62
USERID	CHAR	CPSM	8	No	DIFF	User ID				27
WSSETUP	CHAR	CPSM	8	No	DIFF	Workstation setup (OS/2)			EALL	79



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## Chapter 416. TERMNL Resource Table

A CICS Resource that describes a terminal in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is TERMID.

The following actions are supported:

**ACQUIRE**

Acquire a terminal.

**CANCEL**

Cancel AID queuing for a terminal.

**DISCARD**

Discard a terminal.

**FORCEPURGE**

Force transactions associated with a terminal to be purged immediately.

**INSERVICE**

Set a terminal in service.

**KILL**

Kill the transactions associated with the terminal.

**Note:** Kill can lead to unpredictable results and should be used only in exceptional circumstances.

**OUTSERVICE**

Set a terminal out of service.

**PURGE**

Purge transactions associated with a terminal.

**RELEASE**

Release a terminal.

These actions require no unique parameter data.

**External resource name**

CICSTerminal

**Length**

504

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0019

Table 1007. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A
	ACQUIRE	None	N/A
	INSERVICE	None	N/A
	OUTSERVICE	None	N/A
	PURGE	None	N/A
	FORCEPURGE	None	N/A
	CANCEL	None	N/A
	RELEASE	None	N/A
	KILL	None	N/A

Table 1008. TERMNL FEEDBACK error codes

Value	Code	Description
21	TERMNL_ACTNOT_SUPPORTED	Action not supported

Table 1009. TERMNL resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		
ACCESSMETHOD	CVDAS	INQ	TERMINAL	ACCESSMETHOD	4	LIKE	No	Access method		5
ACCESSMETHOD Output valid values	VTAM, BSAM, BTAMES, BGAM, TCAM, TCAMSNA, CONSOLE, NETBIOS, TCPIP, RPC, NOTAPPLIC									
ACQSTATUS	CVDAS	INQ	TERMINAL	TERMSTATUS	4	LIKE	Yes	Acquire status		2
ACQSTATUS Input/output valid values	ACQUIRED, RELEASED, NOTAPPLIC									
ACQSTATUS Input valid values	COLDACQ									
ACQSTATUS Output valid values	ACQUIRING, RELEASING									
ALTPAGEHT	BINARY	INQ	TERMINAL	ALTPAGEHT	2	AVG	No	Alternate page height		48
ALTPAGEWD	BINARY	INQ	TERMINAL	ALTPAGEWD	2	AVG	No	Alternate page width		49
ALTPRINTER	CHAR	INQ	TERMINAL	ALTPRINTER	4	DIFF	Yes	Alternate printer		50
ALTPRTCOPIST	CVDAS	INQ	TERMINAL	ALTPRTCOPIST	4	LIKE	Yes	Hardware COPY feature for alternate printer		51
ALTPRTCOPIST Input/output valid values	ALTPRTCOPY, NOALTPRTCOPY									
ALTPRTCOPIST Output valid values	NOTAPPLIC									



Table 1009. TERMNL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Set	Description	Get Invali d	Attr ID
ALTSCRNHT	BINARY	INQ	TERMINAL	ALTSCRNHT	2	AVG	No	Alternate screen height		52
ALTSCRNWD	BINARY	INQ	TERMINAL	ALTSCRNWD	2	AVG	No	Alternate screen width		53
ALTSUFFIX	CHAR	INQ	TERMINAL	ALTSUFFIX	1	DIFF	No	Alternate-map-set suffix		92
APLKYBDST	CVDAS	INQ	TERMINAL	APLKYBDST	4	LIKE	No	APL keyboard feature		54
APLKYBDST Output valid values	APLKYBD, NOAPLKYBD									
APLTEXTST	CVDAS	INQ	TERMINAL	APLTEXTST	4	LIKE	No	APL text feature		55
APLTEXTST Output valid values	APLTEXT, NOAPLTEXT									
ASCII	CVDAS	INQ	TERMINAL	ASCII	4	LIKE	No	ASCII data stream type		95
ASCII Output valid values	ASCII7, ASCII8, NOTAPPLIC									
ATISTATUS	CVDAS	INQ	TERMINAL	ATISTATUS	4	LIKE	Yes	Automatic transaction initiation (ATI) status		3
ATISTATUS Input/output valid values	ATI, NOATI									
AUDALARMST	CVDAS	INQ	TERMINAL	AUDALARMST	4	LIKE	No	Audible alarm feature		56
AUDALARMST Output valid values	AUDALARM, NOAUDALARM									
AUTOCONNECT	CVDAS	INQ	TERMINAL	AUTOCONNECT	4	LIKE	No	Session binding status		96
AUTOCONNECT Output valid values	AUTOCONN, NONAUTOCONN, ALLCONN, NOTAPPLIC									
BACKTRANSST	CVDAS	INQ	TERMINAL	BACKTRANSST	4	LIKE	No	Background transparency feature		57
BACKTRANSST Output valid values	BACKTRANS, NOBACKTRANS									
COLORST	CVDAS	INQ	TERMINAL	COLORST	4	LIKE	No	Extended color feature		58
COLORST Output valid values	COLOR, NOCOLOR									
CONSOLE	CHAR	INQ	TERMINAL	CONSOLE	12	DIFF	No	Console ID		105
COPYST	CVDAS	INQ	TERMINAL	COPYST	4	LIKE	No	Copy feature in control unit		59
COPYST Output valid values	COPY, NOCOPY									
CORRELID	CHAR	INQ	TERMINAL	CORRELID	8	DIFF	No	Correlation ID		102
CREATESESS	CVDAS	INQ	TERMINAL	CREATESESS	4	LIKE	Yes	Session creation status		4
CREATESESS Input/output valid values	CREATE, NOCREATE									
CREATESESS Output valid values	NOTAPPLIC									
DATASTREAM	CVDAS	INQ	TERMINAL	DATASTREAM	4	LIKE	No	Device data stream type		97
DATASTREAM Output valid values	DS3270, SCS, NOTAPPLIC									
DEFPAGEHT	BINARY	INQ	TERMINAL	DEFPAGEHT	2	AVG	No	Default page height		60
DEFPAGEWD	BINARY	INQ	TERMINAL	DEFPAGEWD	2	AVG	No	Default page width		61
DEFSCRNHT	BINARY	INQ	TERMINAL	DEFSCRNHT	2	AVG	No	Default screen height		62
DEFSCRNWD	BINARY	INQ	TERMINAL	DEFSCRNWD	2	AVG	No	Default screen width		63
DEVICE	CVDAT	INQ	TERMINAL	DEVICE	4	LIKE	No	Device type		7

Table 1009. TERMN resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
DEVICE Output valid values	BATCHLU, BIPROG, BISYNCH, CDRDLPR, CONTNLU, HARDCOPY, INTACTLU, ISCMCONV, LUCMODGRP, LUCSESS, LUTYPE4, LUTYPE6, MAGTAPE, RESSYS, SDLC, SEQDISK, SYSTEM3, SYSTEM7, SYS7BSCA, TCONSOLE, TELETYPE, TTCAM, TWX3335, T1050, T1053, T2260L, T2260R, T2265, T2740, T2741BCD, T2741COR, T2770, T2780, T3275R, T3277L, T3277R, T3284L, T3284R, T3286L, T3286R, T3600BI, T3601, T3614, T3650ATT, T3735, T3650PIPE, T3650USER, T3653HOST, T3740, T3780, T3790, T3790SCSP, T3790UP, T7770, VIDEOTERM									
DEVICEST	CVDAS	INQ			4	LIKE	No	Device busy status	E330+	98
DEVICEST Output valid values	BUSY, NOTBUSY									
DISCREQST	CVDAS	INQ	TERMINAL	DISCREQST	4	LIKE	Yes	Disconnect Requests status		64
DISCREQST Input/output valid values	DISCREQ, NODISCREQ, NOTAPPLIC									
DUALCASEST	CVDAS	INQ	TERMINAL	DUALCASEST	4	LIKE	No	Dual-case keyboard status		65
DUALCASEST Output valid values	DUALCASE, NODUALCASE									
EXITTRACING	CVDAS	INQ	TERMINAL	EXITTRACING	4	LIKE	Yes	Exit tracing status		8
EXITTRACING Input/output valid values	EXITTRACE, NOEXITTRACE									
EXITTRACING Output valid values	NOTAPPLIC									
EXTENDEDSSST	CVDAS	INQ	TERMINAL	EXTENDEDSSST	4	LIKE	No	Extended data stream support		66
EXTENDEDSSST Output valid values	EXTENDEDSS, NOEXTENDEDSS									
FMHPARMST	CVDAS	INQ	TERMINAL	FMHPARMST	4	LIKE	No	Function management header (FMH) option		67
FMHPARMST Output valid values	FMHPARM, NOFMHPARM									
FORMFEEDST	CVDAS	INQ	TERMINAL	FORMFEEDST	4	LIKE	No	Forms feed feature		68
FORMFEEDST Output valid values	FORMFEED, NOFORMFEED									
GCHARS	BINARY	INQ	TERMINAL	GCHARS	2	AVG	No	Graphic character set global ID		9
GCODES	BINARY	INQ	TERMINAL	GCODES	2	AVG	No	Code page global ID		10
HFORMST	CVDAS	INQ	TERMINAL	HFORMST	4	LIKE	No	Horizontal form feature		70
HFORMST Output valid values	HFORM, NOHFORM									
HILIGHTST	CVDAS	INQ	TERMINAL	HILIGHTST	4	LIKE	No	Extended highlight feature		69
HILIGHTST Output valid values	HILIGHT, NOHILIGHT									
INPMSCNT	BINARY	STAT	DFHA06DS	A06TENI	4	AVG	No	Number of input messages		37
KATAKANAST	CVDAS	INQ	TERMINAL	KATAKANAST	4	LIKE	No	Katakana terminal		71
KATAKANAST Output valid values	KATAKANA, NOKATAKANA									
LIGHTPENST	CVDAS	INQ	TERMINAL	LIGHTPENST	4	LIKE	No	Selector pen feature		72
LIGHTPENST Output valid values	LIGHTPEN, NOLIGHTPEN									
LINKSYSTEM	CHAR	INQ	TERMINAL	LINKSYSTEM	4	DIFF	No	Real link connection for remote TOR		104

Table 1009. TERMNL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
MAPNAME	CHAR	INQ	TERMINAL	MAPNAME	7	DIFF	Yes	Last map referenced in SEND MAP command		100
MAPSETNAME	CHAR	INQ	TERMINAL	MAPSETNAME	8	DIFF	Yes	Last map set referenced in SEND MAP command		99
MODENAME	CHAR	INQ	TERMINAL	MODENAME	8	DIFF	No	Mode name		11
MSRCONTROLST	CVDAS	INQ	TERMINAL	MSRCONTROLS T	4	LIKE	No	Magnetic slot reader		73
MSRCONTROLST Output valid values	MSRCONTROL, NOMSRCONTROL									
NATLANG	CHAR	INQ	TERMINAL	NATLANG	1	AVG	No	National language ID		13
NATURE	CVDAT	INQ	TERMINAL	NATURE	4	LIKE	No	Terminal definition type		12
NATURE Output valid values	TERMINAL, MODEL, SESSION, SURROGATE									
NETNAME	CHAR	INQ	TERMINAL	NETNAME	8	DIFF	No	Network name		14
NEXTRANSID	CHAR	INQ	TERMINAL	NEXTRANSID	4	DIFF	Yes	Next transaction ID		31
NQNAME	CHAR	INQ	TERMINAL	NQNAME	17	DIFF	No	Network qualified name		106
OBFORMATST	CVDAS	INQ	TERMINAL	OBFORMATST	4	LIKE	Yes	Outboard formatting support		74
OBFORMATST Input/output valid values	OBFORMAT, NOOBFORMAT									
OBOPERIDST	CVDAS	INQ	TERMINAL	OBOPERIDST	4	LIKE	No	Outboard operator IDs used		75
OBOPERIDST Output valid values	OBOPERID, NOOBOPERID									
OPERID	CHAR	INQ	TERMINAL	OPERID	3	DIFF	No	Operator ID		15
OUTLINEST	CVDAS	INQ	TERMINAL	OUTLINEST	4	LIKE	No	Field outlining support		76
OUTLINEST Output valid values	OUTLINE, NOOUTLINE									
OUTMSGCNT	BINARY	STAT	DFHA06DS	A06TENO	4	AVG	No	Number of output messages		38
PAGEHT	BINARY	INQ	TERMINAL	PAGEHT	4	AVG	No	Current page height		77
PAGESTATUS	CVDAS	INQ	TERMINAL	PAGESTATUS	4	LIKE	Yes	BMS paging status		16
PAGESTATUS Input/output valid values	PAGEABLE, AUTOPAGEABLE									
PAGEWD	BINARY	INQ	TERMINAL	PAGEWD	4	AVG	No	Current page width		78
PARTITIONSST	CVDAS	INQ	TERMINAL	PARTITIONSST	4	LIKE	No	Partitions status		79
PARTITIONSST Output valid values	PARTITIONS, NOPARTITIONS									
PMSGCNT	BINARY	STAT	DFHA06DS	A06TCNT	4	AVG	No	Total pipeline-throwaway count		43
PMSGCONSEC	BINARY	STAT	DFHA06DS	A06MCNT	2	AVG	No	Maximum pipeline-throwaway count		45
PMSGRPCNT	BINARY	STAT	DFHA06DS	A06SCNT	4	AVG	No	Number of consecutive pipeline-throwaways		44
POLLCNT	DECIMAL	STAT	DFHA06DS	A06LENP	4	AVG	No	Number of polls sent to terminal		36
PRINTADAPTST	CVDAS	INQ	TERMINAL	PRINTADAPTST	4	LIKE	No	Printer adaptor feature		80
PRINTADAPTST Output valid values	PRINTADAPT, NOPRINTADAPT									
PRINTER	CHAR	INQ	TERMINAL	PRINTER	4	DIFF	Yes	Printer name		81

Table 1009. TERMNL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
PROGSYMBOLST	CVDAS	INQ	TERMINAL	PROGSYMBOLST	4	LIKE	No	Programmed symbol facility support		82
PROGSYMBOLST Output valid values	PROGSYMBOL, NOPROGSYMBOL									
PRTCOPYST	CVDAS	INQ	TERMINAL	PRTCOPYST	4	LIKE	Yes	Hardware COPY feature for preferred printer		83
PRTCOPYST Input/output valid values	PRTCOPY, NOPRTCOPY									
PRTCOPYST Output valid values	NOTAPPLIC									
QUERYST	CVDAS	INQ	TERMINAL	QUERYST	4	LIKE	No	Query option		84
QUERYST Output valid values	ALLQUERY, COLDQUERY, NOQUERY									
RELREQST	CVDAS	INQ	TERMINAL	RELREQST	4	LIKE	Yes	Release Request status		85
RELREQST Input/output valid values	RELREQ, NORELREQ, NOTAPPLIC									
REMOTENAME	CHAR	INQ	TERMINAL	REMOTENAME	4	DIFF	No	Name of terminal in remote CICS		34
REMOTESYSNET	CHAR	INQ	TERMINAL	REMOTESYSNET	8	DIFF	No	Remote TOR net name		103
REMOTESYSTEM	CHAR	INQ	TERMINAL	REMOTESYSTEM	4	DIFF	No	Remote system name		35
SCREENHEIGHT	BINARY	INQ	TERMINAL	SCREENHEIGHT	2	AVG	No	Screen height		17
SCREENWIDTH	BINARY	INQ	TERMINAL	SCREENWIDTH	2	AVG	No	Screen width		18
SECURITY	CVDAS	INQ	TERMINAL	SECURITY	4	LIKE	No	Preset security status		6
SECURITY Output valid values	PRESETSEC, NOPRESETSEC									
SERVSTATUS	CVDAS	INQ	TERMINAL	SERVSTATUS	4	LIKE	Yes	Service status		19
SERVSTATUS Input/output valid values	INSERVICE, OUTSERVICE									
SERVSTATUS Output valid values	GOINGOUT									
SESSIONTYPE	CVDAS	INQ	TERMINAL	SESSIONTYPE	4	LIKE	No	Session type		32
SESSIONTYPE Output valid values	LU61, APPCSINGLE, APPCPARALLEL, NOTAPPLIC									
SIGNONSTATUS	CVDAS	INQ	TERMINAL	SIGNONSTATUS	4	LIKE	No	Sign-on status		20
SIGNONSTATUS Output valid values	SIGNEDON, SIGNEDOFF									
SOSIST	CVDAS	INQ	TERMINAL	SOSIST	4	LIKE	No	Mixed EBCDIC/DBCS support		86
SOSIST Output valid values	SOSI, NOSOSI									
STGVCNT	BINARY	STAT	DFHA06DS	A06CSVC	4	AVG	No	Number of storage violations		40
STORAGE	BINARY	STAT	DFHA06DS	A06STG	4	AVG	No	Terminal input-output area (TIOA) storage		94
TASKID	BINARY	INQ	TERMINAL	TASKID	4	AVG	No	Id of task currently executing at terminal		21
TCAMCONTROL	HEX	INQ	TERMINAL	TCAMCONTROL	1	LIKE	Yes	TCAM message control flag		47
TERMINID-1	CHAR	INQ	TERMINAL	TERMINAL	4	DIFF	No	Terminal ID		1

Table 1009. TERMNL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
TERMMODEL	CNUMERIC	INQ	TERMINAL	TERMMODEL	2	AVG	No	Terminal model number		27
TERMPRIORITY	BINARY	INQ	TERMINAL	TERMPRIORITY	4	AVG	Yes	Terminal priority		22
TERMTYPE	BINARY	STAT	DFHA06DS	A06TETT	1	AVG	No	Terminal type		46
TERRCNT	BINARY	STAT	DFHA06DS	A06TEOE	4	AVG	No	Number of transaction errors		42
TEXTKYBDST	CVDAS	INQ	TERMINAL	TEXTKYBDST	4	LIKE	No	Text-keyboard feature		87
TEXTKYBDST Output valid values	TEXTKYBD, NOTEXTKYBD									
TEXTPRINTST	CVDAS	INQ	TERMINAL	TEXTPRINTST	4	LIKE	No	Text-print feature		88
TEXTPRINTST Output valid values	TEXTPRINT, NOTEXTPRINT									
TNADDR	CHAR	INQ			39	DIFF	No	Client TN3270 IPv4 or IPv6 address.	E640 E650 E660 E670 E680 E690 E700 E710	107
TNIPFAMILY	CVDAS	INQ			4	LIKE	No	Address format of the TNADDR option	E640 E650 E660 E670 E680 E690 E700 E710	108
TNIPFAMILY Output valid values	IPV4, IPV6, NOTAPPLIC									
TNPORT	BINARY	INQ			4	DIFF	No	Port number	E640 E650 E660 E670 E680 E690 E700 E710	109
TRACING	CVDAS	INQ	TERMINAL	TRACING	4	LIKE	Yes	Terminal tracing type		23
TRACING Input/output valid values	SPECTRACE, STANTRACE									
TRANCNT	BINARY	STAT	DFHA06DS	A06TEOT	4	AVG	No	Number of transactions		39
TRANSACTION	CHAR	INQ	TERMINAL	TRANSACTION	4	DIFF	No	Current transaction name		24
TTISTATUS	CVDAS	INQ	TERMINAL	TTISTATUS	4	LIKE	Yes	Terminal transaction initiation (TTI) status		25
TTISTATUS Input/output valid values	TTI, NOTTI									
UCTRANST	CVDAS	INQ	TERMINAL	UCTRANST	4	LIKE	Yes	Uppercase translate option support		89
UCTRANST Input/output valid values	UCTRAN, NOUCTRAN, TRANIDONLY									
USERAREA	ADDRESS	INQ	TERMINAL	USERAREA	4	AVG	No	Terminal user area (TCTUA) address		26
USERAREALEN	BINARY	INQ	TERMINAL	USERAREALEN	2	AVG	No	Terminal user area (TCTUA) length		28
USERID	CHAR	INQ	TERMINAL	USERID	8	DIFF	No	User ID		29
USERNAME	CHAR	INQ	TERMINAL	USERNAME	20	DIFF	No	User name		33

Table 1009. TERMNL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Get Invalid	Attr ID
VALIDATIONST	CVDAS	INQ	TERMINAL	VALIDATIONST	4	LIKE	No	Extended validation feature		90
VALIDATIONST Output valid values	VALIDATION, NOVALIDATION									
VFORMST	CVDAS	INQ	TERMINAL	VFORMST	4	LIKE	No	Vertical form feature		91
VFORMST Output valid values	VFORM, NOVFORM									
XERRCNT	BINARY	STAT	DFHA06DS	A06TETE	4	AVG	No	Number of transmission errors or disconnects		41
ZCPTRACING	CVDAS	INQ	TERMINAL	ZCPTRACING	4	LIKE	Yes	ZCP tracing status		30
ZCPTRACING Input/output valid values	ZCPTRACE, NOZCPTRACE									
ZCPTRACING Output valid values	NOTAPPLIC									

## Chapter 417. TRANCLAS Resource Table

A CICS Resource that describes a transaction class in an active CICS system being managed by CICSplex SM.

The TRANCLAS resource class can be used to request object instances .

The **Primary** key field for this resource class is NAME.

The following action is supported:

### **DISCARD**

Discard a transaction class.

This action requires no unique parameter data.

### **External resource name**

CICSTransactionClass

### **Length**

176

### **Usage**

API or WUI or CICS Management Client Interface or EVALDEF

### **API view**

Yes

### **CMAS context**

No

### **SCOPE applies**

Yes

### **Only query CMASs in workload**

No

### **Object type**

CICS Resource

### **Copybook identifier**

EYUt0051

<i>Table 1010. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A

<i>Table 1011. TRANCLAS FEEDBACK error codes</i>		
<b>Value</b>	<b>Code</b>	<b>Description</b>
1	TRANCLAS_INV_DATA	Attribute data invalid

Table 1012. TRANCLAS resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			
ACCEPTAFTRQD	BINARY	STAT	DFHXMCD S	XMCTQ	4	AVG	No	Number of transactions accepted after being queued			10
ACCEPTIMMED	BINARY	STAT	DFHXMCD S	XMCAI	4	AVG	No	Number of transactions accepted immediately			9
ACTIVE	BINARY	INQ	TRANCLAS S	ACTIVE	4	AVG	No	Number of transactions currently active in class			3
ACTIVEPEAK	BINARY	STAT	DFHXMCD S	XMCPAT	4	AVG	No	Peak number of active transactions			13
ATTACHES	BINARY	STAT	DFHXMCD S	XMCTAT	4	AVG	No	Total number of attach requests			6
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	28
CHANGEAGENT	CVDAS	INQ	TRANCLAS S	CHANGEAGEN T	4	LIK E	No	Last modification agent		E640 E650	20
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC										
CHANGEAGREL	CHAR	INQ	TRANCLAS S	CHANGEAGRE L	4	DIF F	No	Last modification agent release		E640 E650	21
CHANGETIME	DATETIME	INQ	TRANCLAS S	CHANGETIME	8	MAX	No	Last modification time		E640 E650	23
CHANGEUSRID	CHAR	INQ	TRANCLAS S	CHANGEUSRI D	8	DIF F	No	Last modification user ID		E640 E650	19
CURQUEDTIME	INTTSTP	STAT	DFHXMCD S	XMCCQTME	8	MAX	No	Total time transactions currently queued			18
DEFINESOURCE	CHAR	INQ	TRANCLAS S	DEFINESOUR CE	8	DIF F	No	Source of the resource definition		E640 E650	24
DEFINETIME	DATETIME	INQ	TRANCLAS S	DEFINETIME	8	MAX	No	Creation time		E640 E650	25
INSTALLAGENT	CVDAS	INQ	TRANCLAS S	INSTALLAGEN T	4	LIK E	No	Installation agent		E640 E650	22
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST										
INSTALLDEFS	BINARY	STAT	DFHXMCD S	XMCITD	4	AVG	No	Number of transaction definitions installed			12
INSTALLTIME	DATETIME	INQ	TRANCLAS S	INSTALLTIME	8	MAX	No	Installation time		E640 E650	27
INSTALLUSRID	CHAR	INQ	TRANCLAS S	INSTALLUSRI D	8	DIF F	No	Installation user ID		E640 E650	26
MAXACTIVE	BINARY	INQ	TRANCLAS S	MAXACTIVE	4	AVG	Yes	Maximum number of transactions allowed in class			2
<b>NAME-1</b>	CHAR	INQ	TRANCLAS S	TRANCLAS S	8	DIF F	No	Transaction class name			1
PURGEIMMED	BINARY	STAT	DFHXMCD S	XMCP I	4	AVG	No	Number of transactions purged due to threshold			7
PURGETHRESH	BINARY	INQ			4	AVG	Yes	Purge threshold			5



Table 1012. TRANCLAS resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
PURGEWHILEQD	BINARY	STAT	DFHXMCD	XMCPWQ	4	AVG	No	Number of transactions purged while queued			11
PURGTHRTIMES	BINARY	STAT	DFHXMCD	XMCTAPT	4	AVG	No	Number of times purge threshold met			16
QUEUED	BINARY	INQ	TRANCLASS	QUEUED	4	AVG	No	Number of transactions currently queued			4
QUEUEDPEAK	BINARY	STAT	DFHXMCD	XMCPQT	4	AVG	No	Peak number of queued transactions			14
QUEUETIME	INTTSTP	STAT	DFHXMCD	XMCTQME	8	MAX	No	Total time transactions queued			17
TIMESATMAX	BINARY	STAT	DFHXMCD	XMCTAMA	4	AVG	No	Times maximum active transactions reached			15
TOTQUEDCNT	BINARY	STAT	DFHXMCD	XMCAAQ	4	AVG	No	Total number of transactions queued			8



## Chapter 418. TRANDEF Resource Table

A CICS Definition that describes how a transaction is to run.

The **Primary** key field for this resource class is NAME. Note that a transaction name can be only 4 characters long. The remainder of the 8-character NAME field should be padded with blank spaces.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a Transaction Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionTransaction

### Length

576

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3813

<i>Table 1013. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

<i>Table 1013. Valid CPSM operations (continued)</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
		MODE(DYNAM, STAT)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL, REMOTE)	Yes
	ADDTOGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

<i>Table 1014. TRANDEF FEEDBACK error codes</i>		
<b>Value</b>	<b>Code</b>	<b>Description</b>
1	TRANDEF_INV_DATA	Attribute data invalid
2	TRANDEF_REC_NOT_FOUND	Requested resource not found
4	TRANDEF_REC_EXISTS	Resource already exists
5	TRANDEF_REC_CHANGED	Resource definition already changed
6	TRANDEF_INV_RESTYPE	Invalid resource type
7	TRANDEF_INV_VER	Invalid resource version
11	TRANDEF_NON_MP	Maintenance point CMAS not available
12	TRANDEF_INV_CONTEXT	Context not found
13	TRANDEF_INCONSISTENT_SET	Inconsistent set condition
14	TRANDEF_INV_RESGROUP	Resource group not found
21	TRANDEF_INV_ACTION	Invalid action
22	TRANDEF_INV_RECADDR	Invalid record address
23	TRANDEF_INV_RECLEN	Invalid record length
24	TRANDEF_DIFF_VERSION	Different version
25	TRANDEF_EARLY_NAMELIST_END	Early name list end
26	TRANDEF_INV_NAMELIST	Invalid name list
27	TRANDEF_INV_NAME	Invalid name
28	TRANDEF_INV_MINNAME	Invalid minor name

Table 1014. TRANDEF FEEDBACK error codes (continued)

Value	Code	Description
29	TRANDEF_NOTIFY	Notify
30	TRANDEF_PARTIAL_INSTALL	Partial install
31	TRANDEF_NOTHING_INSTALLED	Nothing installed
32	TRANDEF_NO_TARGETS	No targets
33	TRANDEF_NO_RELATED	No related systems
34	TRANDEF_INV_TSCOPE	Invalid target scope
35	TRANDEF_INV_RSCOPE	Invalid related scope
36	TRANDEF_INV_USAGE	Invalid usage
37	TRANDEF_INV_MODE	Invalid mode
38	TRANDEF_INV_STATECHK	Invalid state check
39	TRANDEF_INV_FORCEINS	Invalid force install
40	TRANDEF_INV_NOTIFY	Invalid notify
41	TRANDEF_INV_OVERTYPE	Invalid oertype
42	TRANDEF_INV_OVRBLOCK	Invalid override block
43	TRANDEF_INV_ORSTRING	Invalid override string
44	TRANDEF_INV_STRNGTERM	Invalid string terminator
45	TRANDEF_INV_EMBEDTERM	Invalid embedded terminator
46	TRANDEF_INV_ATTRIBUTE	Invalid attribute
47	TRANDEF_INV_LITERAL	Invalid literal
48	TRANDEF_INV_ORSTGNA	Invalid override string
49	TRANDEF_SCOPE_REQUIRED	Scope required
50	TRANDEF_USAGE_CONFLICT	Usage conflict
51	TRANDEF_NODEFS_SELECTED	No definitions selected
52	TRANDEF_MORE_THAN_1_RELSYS	More than one related system
53	TRANDEF_MISSING_RELSYSID	Missing related system identifier
54	TRANDEF_SCOPE_CONFLICT	Scope conflict
55	TRANDEF_INV_CSDGROUP	Invalid CSD group
56	TRANDEF_REC_NOT_REMOVED	Record not removed
57	TRANDEF_INV_RESOURCE	Invalid resource
58	TRANDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	TRANDEF_PARTIAL_ACTION	Partial action
60	TRANDEF_NOTHING_ACTIONED	Nothing actioned
61	TRANDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 1014. TRANDEF FEEDBACK error codes (continued)		
Value	Code	Description
62	TRANDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	TRANDEF_CSD_ERROR	CSD access error

Table 1015. TRANDEF resource table attributes										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
ALIAS	CHAR	CPSM	4	No	DIFF	Alias name for transaction				9
BREXIT	CHAR	CPSM	8	No	DIFF	Bridge exit name				61
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	66
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	68
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	67
CMDSEC	EYUDA	CPSM	4	Yes	LIKE	Command level security option	NO			16
CMDSEC Input/output valid values	YES, NO									
CONFDATA	EYUDA	CPSM	4	No	LIKE	Suppress user data in trace entries	NO			55
CONFDATA Input/output valid values	YES, NO									
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				56
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	70
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		65
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				60
DTIMOUT	CHAR	CPSM	4	No	DIFF	Deadlock timeout value	NO	1-6800		41
DTIMOUT Input/output valid values	NO									
DUMP	EYUDA	CPSM	4	Yes	LIKE	Transaction dump option	YES			37
DUMP Input/output valid values	YES, NO									
DYNAMIC	EYUDA	CPSM	4	Yes	LIKE	Dynamic routing option	NO			38
DYNAMIC Input/output valid values	YES, NO									
EXTSEC	EYUDA	CPSM	4	No	LIKE	External security manager option	N_A		E330 +	50
EXTSEC Input/output valid values	YES, NO, N_A									
FAILACTION	CVDAS	CPSM	4	No	LIKE	CICS failure action	BACKOUT			14
FAILACTION Input/output valid values	BACKOUT, COMMIT									
INDOUBT	CVDAS	CPSM	4	No	LIKE	In-doubt failure processing action	BACKOUT		E510 +	15

Table 1015. TRANDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
INDOUBT Input/output valid values	BACKOUT, COMMIT, WAIT									
ISOLATE	EYUDA	CPSM	4	Yes	LIKE	Transaction isolation option	YES			36
ISOLATE Input/output valid values	YES, NO									
LOCALQ	EYUDA	CPSM	4	No	LIKE	Queueing on local system	N_A			22
LOCALQ Input/output valid values	YES, NO, N_A									
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				7
OTSTIMEOUT	CHAR	CPSM	6	Yes	DIFF	Object transaction service (OTS) timeout (HHMMSS)	NO			64
PARTITIONSET	CHAR	CPSM	8	No	DIFF	Default application partition set				34
PRIMEDSIZE	CHAR	CPSM	8	No	DIFF	Primed storage allocation	0	0-65520	E330+	49
PRIORITY	CHAR	CPSM	4	No	DIFF	Transaction priority	1	0-255		39
PROFILE	CHAR	CPSM	8	No	DIFF	Transaction profile	DFHCICST			13
PROGRAM	CHAR	CPSM	8	No	DIFF	First program name				10
REMTENAME	CHAR	CPSM	8	No	DIFF	Remote transaction name				11
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	Remote system name				12
RESSEC	EYUDA	CPSM	4	Yes	LIKE	Resource security checking	NO			23
RESSEC Input/output valid values	YES, NO									
RESTART	EYUDA	CPSM	4	Yes	LIKE	Transaction restart facility	NO			25
RESTART Input/output valid values	YES, NO									
ROUTABLE	EYUDA	CPSM	4	Yes	LIKE	Dynamic routing status	NO			63
ROUTABLE Input/output valid values	YES, NO									
RSL	CHAR	CPSM	8	No	DIFF	Resource security value	0	0-24	E330+	54
RSL Input/output valid values	PUBLIC									
RSLC	EYUDA	CPSM	4	No	LIKE	Resource security level check	NO		E330+	53
RSLC Input/output valid values	YES, NO									
RUNAWAY	CHAR	CPSM	8	No	DIFF	Runaway timeout value	SYSTEM	0-2700000		40
RUNAWAY Input/output valid values	SYSTEM									
SECURE	EYUDA	CPSM	4	No	LIKE	Operator sign-on required	YES		EALL	51
SECURE Input/output valid values	YES, NO									
SHUTDOWN	CVDAS	CPSM	4	Yes	LIKE	Shutdown run status	DISABLED			17
SHUTDOWN Input/output valid values	ENABLED, DISABLED									
SPURGE	EYUDA	CPSM	4	Yes	LIKE	System purgeable option	YES			26

Table 1015. TRANDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
SPURGE Input/output valid values	YES, NO									
STATUS	CVDAS	CPSM	4	Yes	LIKE	Enabled status	ENABLED			18
STATUS Input/output valid values	ENABLED, DISABLED									
STORAGECLEAR	EYUDA	CPSM	4	Yes	LIKE	Storage clearance status	NO			24
STORAGECLEAR Input/output valid values	YES, NO									
TASKDATAKEY	CVDAS	CPSM	4	Yes	LIKE	Task data key	USER			19
TASKDATAKEY Input/output valid values	USER, CICS									
TASKDATALOC	CVDAS	CPSM	4	Yes	LIKE	Task data location	ANY			20
TASKDATALOC Input/output valid values	BELOW, ANY									
TASKREQ	CHAR	CPSM	4	No	LIKE	Transaction initiation				21
TCLASS	CHAR	CPSM	4	No	DIFF	Transaction class number	NO	1-10	E410+	32
TCLASS Input/output valid values	NO									
TPNAME	CHAR	CPSM	64	No	DIFF	APPC partner transaction name				46
TPURGE	EYUDA	CPSM	4	Yes	LIKE	Purgeable for terminal error option	YES			27
TPURGE Input/output valid values	YES, NO									
TRACE	EYUDA	CPSM	4	Yes	LIKE	Trace transaction activity option	YES			29
TRACE Input/output valid values	YES, NO									
TRANCLASS	CHAR	CPSM	8	No	DIFF	Transaction class name	DFHTCL00			31
TRANSEC	CHAR	CPSM	4	No	DIFF	Transaction security value	1	1-64	E330+	48
TRPROF	CHAR	CPSM	8	No	DIFF	Transaction routing profile	DFHCICSS			30
TWASIZE	CHAR	CPSM	8	No	DIFF	Size in bytes of transaction work area (TWA)	0	0-32767		33
USEALTSCRSIZ	EYUDA	CPSM	4	No	LIKE	Use alternate screen size	NO		EALL	52
USEALTSCRSIZ Input/output valid values	YES, NO									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				57
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				58
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				59
WAIT	EYUDA	CPSM	4	Yes	LIKE	In-doubt wait option	YES			28
WAIT Input/output valid values	YES, NO									
WAITTIMEDD	CHAR	CPSM	3	No	DIFF	In-doubt wait time (days)	0	0-99		42
WAITTIMEHH	CHAR	CPSM	2	No	DIFF	In-doubt wait time (hours)	0	0-23		43
WAITTIMEMM	CHAR	CPSM	2	No	DIFF	In-doubt wait time (minutes)	0	0-59		44



Table 1015. TRANDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
XTPNAME	CHAR	CPSM	128	No	DIFF	Alternate partner transaction name (in hex)				47
XTRANID	CHAR	CPSM	8	No	DIFF	Alternate name (in hex) for initiating transaction				35



## Chapter 419. TRANDUMP Resource Table

A CICS Resource that describes a transaction dump code in an active CICS system being managed by CICSPlex SM.

The **Primary** key field for this resource class is TRANDUMPCODE.

Valid characters include uppercase characters (A-Z), lowercase characters (a-z), digits (0-9), and the special characters \$ @ # / % & ? ! : | ; , ¢ + \* ¬ - and \_ . In some cases, the characters < > . = and " are also valid depending on where you set them. Any lowercase characters you enter are converted to uppercase.

The following actions are supported:

### ADD

Add a transaction dump code.

The parameter data for the ADD action is:

```
PARM('CODE(code) [SCOPE(cvda1)] [MAX(nnn)]  
      [SHUT(cvda2)] [SDUMP(cvda3)] [TDUMP(cvda4)] .')
```

where:

- *code* is required and must be the 1- to 4-character transaction dump code.
- *cvda1* is one of the following valid CVDA values for the dump scope option:

LOCAL  
RELATED

- *nnn* is the maximum number of dumps, from 0 - 999.
- *cvda2* is one of the following valid CVDA values for the shutdown option:

SHUTDOWN  
NOSHUTDOWN

- *cvda3* is one of the following valid CVDA values for the system dump option:

SYSDUMP  
NOSYSDUMP

- *cvda4* is one of the following valid CVDA values for the transaction dump option:

TRANDUMP  
NOTRANDUMP

### DELETE

Remove a transaction dump code.

### RESET

Reset transaction dump code values.

### External resource name

CICSTransactionDump

### Length

64

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0005

*Table 1016. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ADD	CODE(value)	Yes
		MAX(value)	Yes
		SCOPE(LOCAL, RELATED)	No
		SDUMP(SYSDUMP, NOSYSDUMP)	No
		SHUT(SHUTDOWN, NOSHUTDOWN)	No
		TDUMP(TRANDUMP, NOTRANDUMP)	No
	RESET	None	N/A
	DELETE	None	N/A

*Table 1017. TRANDUMP FEEDBACK error codes*

Value	Code	Description
1	TRANDUMP_ADD_FAILED	Add failed

*Table 1018. TRANDUMP resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved		
CURRENT	BINARY	INQ	TRANDUMPCODE	CURRENT	4	AVG	No	Number of dump calls since last reset		2
MAXIMUM	BINARY	INQ	TRANDUMPCODE	MAXIMUM	4	AVG	Yes	Maximum number of dump calls	0-999	3
SDMPSUPP	BINARY	STAT	DFHTDRDS	TDRSSUPR	4	AVG	No	Number of system dumps suppressed		10
SDMPTOTL	BINARY	STAT	DFHTDRDS	TDRSTKN	4	AVG	No	Number of system dumps taken		9
SHUTOPTION	CVDAS	INQ	TRANDUMPCODE	SHUTOPTION	4	LIKE	Yes	Shutdown option		4

Table 1018. TRANDUMP resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Attr ID
SHUTOPTION Input/output valid values	SHUTDOWN, NOSHUTDOWN									
SYSDUMPING	CVDAS	INQ	TRANDUMPCODE	SYSDUMPING	4	LIKE	Yes	System dump option		5
SYSDUMPING Input/output valid values	SYSDUMP, NOSYSDUMP									
TDMPSSUPP	BINARY	STAT	DFHTDRDS	TDRTSUPR	4	AVG	No	Number of transaction dumps suppressed		8
TDMPTOTL	BINARY	STAT	DFHTDRDS	TDRTTKN	4	AVG	No	Number of transaction dumps taken		7
TDUMPSCOPE	CVDAS	INQ	TRANDUMPCODE	DUMPSCOPE	4	LIKE	Yes	Transaction dump scope type		11
TDUMPSCOPE Input/output valid values	LOCAL, RELATED									
TRANDUMPCODE-1	CHAR	INQ	TRANDUMPCODE	TRANDUMPCODE	4	DIF F	No	Transaction dump code		1
TRANDUMPING	CVDAS	INQ			4	LIKE	Yes	Transaction dump option		6
TRANDUMPING Input/output valid values	TRANDUMP, NOTRANDUMP									



## Chapter 420. TRANGRP Resource Table

A CPSM Workload Manager Definition that describes the separation and or affinity controls for a set of dynamic transactions. The TRANGRP object is also the binding target for the DTRINGRP associator object.

The **Primary** key field for this resource class is NAME.

**External resource name**

CICSTransactionGroup

**Length**

144

**Usage**

API or Batch Utility or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSPlex SM Definition

**Copybook identifier**

EYUt3509

*Table 1019. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDTRAN	PCONV(N_A, START, END)	No
		TRANID(value)	Yes

*Table 1020. TRANGRP FEEDBACK error codes*

Value	Code	Description
1	TRANGRP_INV_DATA	Attribute data invalid
2	TRANGRP_REC_NOT_FOUND	Requested resource not found
3	TRANGRP_INV_REFERENCE	Trangrp does not exist
4	TRANGRP_REC_EXISTS	Resource already exists
5	TRANGRP_REC_CHANGED	Resource definition already changed

Table 1020. TRANGRP FEEDBACK error codes (continued)

Value	Code	Description
21	TRANGRP_ABEND_COMBINATION	Abend load must be less than abend probability

Table 1021. TRANGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
ABENDCRIT	BINARY	CPSM	1	Yes	AVG	Acceptable level of abend probability	0	2-99	12
ABENDTHRESH	BINARY	CPSM	1	Yes	AVG	Acceptable abend load threshold	0	1-98	13
ABENDTHRESH Input/output valid values	0								
AFFAUTO	EYUDA	CPSM	4	No	LIKE	Automatic affinity creation	N_A		15
AFFAUTO Input/output valid values	YES, NO, N_A								
AFFINITY	EYUDA	CPSM	4	No	LIKE	Affinity relationship			6
AFFINITY Input/output valid values	N_A, GLOBAL, LUNAME, USERID, BAPPL, LOCKED								
AFFLIFE	EYUDA	CPSM	4	No	LIKE	Affinity lifetime			7
AFFLIFE Input/output valid values	N_A, LOGON, PCONV, PERMANENT, SIGNON, SYSTEM, DELIMIT, ACTIVITY, PROCESS, UOW								
ALGTYPE	EYUDA	CPSM	4	No	LIKE	Algorithm type	INHERIT		22
ALGTYPE Input/output valid values	INHERIT, QUEUE, LNQUEUE, GOAL, LNGOAL								
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			17
CHANGEAGENT Input/output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			20
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			19
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			18
DESC	CHAR	CPSM	58	No	DIFF	Description			10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	16
EVENTNAME	CHAR	CPSM	8	No	DIFF	RTA event			11
MATCH	EYUDA	CPSM	4	Yes	LIKE	Primary search criterion			8
MATCH Input/output valid values	LUNAME, USERID								
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name			5
STATE	EYUDA	CPSM	4	Yes	LIKE	Transaction group status			9
STATE Input/output valid values	ACTIVE, DORMANT								



## Chapter 421. TRMINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a terminal definition (TERMDEF) in a resource group (RESGROUP). A TERMDEF can be a member of multiple RESGROUPS.

The **Primary** key field for this resource class is TERMGROUP.

The **Secondary** key field for this resource class is TERMNAME.

The **Tertiary** key field for this resource class is TERMVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6157

<i>Table 1022. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 1023. TRMINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	TRMINGRP_INV_DATA	Attribute data invalid
2	TRMINGRP_REC_NOT_FOUND	Requested resource not found
4	TRMINGRP_REC_EXISTS	Resource already exists
6	TRMINGRP_INV_RESTYPE	Invalid resource type
7	TRMINGRP_INV_VER	Invalid resource version
11	TRMINGRP_NON_MP	Maintenance point CMAS not available
12	TRMINGRP_INV_CONTEXT	Context not found

Table 1023. TRMINGRP FEEDBACK error codes (continued)

Value	Code	Description
21	TRMINGRP_INCONSISTENT_SET	Inconsistent set
22	TRMINGRP_DIFF_VERSION	Different version
23	TRMINGRP_INV_NAME	Invalid name
24	TRMINGRP_INV_MINNAME	Invalid minor name

Table 1024. TRMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>TERMGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>TERMNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Terminal definition name	6
<b>TERMVER-3</b>	BINARY	CPSM	1	Yes	AVG	Terminal definition version	7

## Chapter 422. TRNCLDEF Resource Table

A CICS Definition that describes the operational characteristics for transactions belonging to a given class.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a Transaction Class Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionTransactionClass

### Length

152

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3814

Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

<i>Table 1025. Valid CPSM operations (continued)</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTOGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

<i>Table 1026. TRNCLDEF FEEDBACK error codes</i>		
<b>Value</b>	<b>Code</b>	<b>Description</b>
1	TRNCLDEF_INV_DATA	Attribute data invalid
2	TRNCLDEF_REC_NOT_FOUND	Requested resource not found
4	TRNCLDEF_REC_EXISTS	Resource already exists
5	TRNCLDEF_REC_CHANGED	Resource definition already changed
6	TRNCLDEF_INV_RESTYPE	Invalid resource type
7	TRNCLDEF_INV_VER	Invalid resource version
11	TRNCLDEF_NON_MP	Maintenance point CMAS not available
12	TRNCLDEF_INV_CONTEXT	Context not found
13	TRNCLDEF_INCONSISTENT_SET	Inconsistent set condition
14	TRNCLDEF_INV_RESGROUP	Resource group not found
21	TRNCLDEF_INV_ACTION	Invalid action
22	TRNCLDEF_INV_RECADDR	Invalid record address
23	TRNCLDEF_INV_RECLEN	Invalid record length
24	TRNCLDEF_DIFF_VERSION	Different version
25	TRNCLDEF_EARLY_NAMELIST_END	Early name list end
26	TRNCLDEF_INV_NAMELIST	Invalid name list
27	TRNCLDEF_INV_NAME	Invalid name
28	TRNCLDEF_INV_MINNAME	Invalid minor name

Table 1026. TRNCLDEF FEEDBACK error codes (continued)

Value	Code	Description
29	TRNCLDEF_NOTIFY	Notify
30	TRNCLDEF_PARTIAL_INSTALL	Partial install
31	TRNCLDEF_NOTHING_INSTALLED	Nothing installed
32	TRNCLDEF_NO_TARGETS	No targets
33	TRNCLDEF_NO_RELATED	No related systems
34	TRNCLDEF_INV_TSCOPE	Invalid target scope
35	TRNCLDEF_INV_RSCOPE	Invalid related scope
36	TRNCLDEF_INV_USAGE	Invalid usage
37	TRNCLDEF_INV_MODE	Invalid mode
38	TRNCLDEF_INV_STATECHK	Invalid state check
39	TRNCLDEF_INV_FORCEINS	Invalid force install
40	TRNCLDEF_INV_NOTIFY	Invalid notify
41	TRNCLDEF_INV_OVERTYPE	Invalid oertype
42	TRNCLDEF_INV_OVRBLOCK	Invalid override block
43	TRNCLDEF_INV_ORSTRING	Invalid override string
44	TRNCLDEF_INV_STRNGTERM	Invalid string terminator
45	TRNCLDEF_INV_EMBEDTERM	Invalid embedded terminator
46	TRNCLDEF_INV_ATTRIBUTE	Invalid attribute
47	TRNCLDEF_INV_LITERAL	Invalid literal
48	TRNCLDEF_INV_ORSTGNA	Invalid override string
49	TRNCLDEF_SCOPE_REQUIRED	Scope required
50	TRNCLDEF_USAGE_CONFLICT	Usage conflict
51	TRNCLDEF_NODEFS_SELECTED	No definitions selected
52	TRNCLDEF_MORE_THAN_1_RELSYS	More than one related system
53	TRNCLDEF_MISSING_RELSYSID	Missing related system identifier
54	TRNCLDEF_SCOPE_CONFLICT	Scope conflict
55	TRNCLDEF_INV_CSDGROUP	Invalid CSD group
56	TRNCLDEF_REC_NOT_REMOVED	Record not removed
57	TRNCLDEF_INV_RESOURCE	Invalid resource
58	TRNCLDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	TRNCLDEF_PARTIAL_ACTION	Partial action
60	TRNCLDEF_NOTHING_ACTIONED	Nothing actioned
61	TRNCLDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 1026. TRNCLDEF FEEDBACK error codes (continued)

Value	Code	Description
62	TRNCLDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	TRNCLDEF_CSD_ERROR	CSD access error

Table 1027. TRNCLDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	16
CHANGEAGENT Input/ output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	18
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	17
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				10
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	20
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		15
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				14
MAXACTIVE	CHAR	CPSM	4	Yes	DIFF	Maximum number of active transactions allowed in class	0	0-999		8
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				7
PURGETHRESH	CHAR	CPSM	8	No	DIFF	Purge threshold	NO	1-1000000		9
PURGETHRESH Input/ output valid values	NO									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				11
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				12
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				13

## Chapter 423. TRNINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a transaction definition (TRANDEF) in a resource group (RESGROUP). A TRANDEF can be a member of multiple RESGROUPS.

The **Primary** key field for this resource class is TRANGROUP.

The **Secondary** key field for this resource class is TRANNAME.

The **Tertiary** key field for this resource class is TRANVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6158

<i>Table 1028. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 1029. TRNINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	TRNINGRP_INV_DATA	Attribute data invalid
2	TRNINGRP_REC_NOT_FOUND	Requested resource not found
4	TRNINGRP_REC_EXISTS	Resource already exists
6	TRNINGRP_INV_RESTYPE	Invalid resource type
7	TRNINGRP_INV_VER	Invalid resource version
11	TRNINGRP_NON_MP	Maintenance point CMAS not available

Table 1029. TRNINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	TRNINGRP_INV_CONTEXT	Context not found
21	TRNINGRP_INCONSISTENT_SET	Inconsistent set
22	TRNINGRP_DIFF_VERSION	Different version
23	TRNINGRP_INV_NAME	Invalid name
24	TRNINGRP_INV_MINNAME	Invalid minor name

Table 1030. TRNINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>TRANGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>TRANNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Transaction definition name	6
<b>TRANVER-3</b>	BINARY	CPSM	1	Yes	AVG	Transaction definition version	7



## Chapter 424. TSKSPOLS Resource Table

A CICS Resource that describes all the CICS task storage subpools in an active system being managed by CICSplex SM.

The TSKSPOLS resource does not provide an explicit key attribute. The set of object instances returned is a function of the scope in effect when the request is made.

There are no object specific actions for this resource class.

**External resource name**

CICSAllTaskSubpools

**Length**

256

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0147

<i>Table 1031. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A

<i>Table 1032. TSKSPOLS resource table attributes</i>								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
DSAELEMPCTC	PERCENT3	CPSM			4	AVG	CDSA percentage of DSA used by elements	39
DSAELEMPCTEC	PERCENT3	CPSM			4	AVG	ECDSA percentage of DSA used by elements	42
DSAELEMPCTEU	PERCENT3	CPSM			4	AVG	EUDSA percentage of DSA used by elements	52
DSAELEMPCTU	PERCENT3	CPSM			4	AVG	UDSA percentage of DSA used by elements	49
DSAPAGPPCTC	PERCENT3	CPSM			4	AVG	CDSA peak percentage of page pool use	41

Table 1032. TSKSPOLS resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
DSAPAGPPCTEC	PERCENT3	CPSM			4	AVG	ECDSA peak percentage of page pool use	46
DSAPAGPPCTEU	PERCENT3	CPSM			4	AVG	EUDSA peak percentage of page pool use	56
DSAPAGPPCTU	PERCENT3	CPSM			4	AVG	UDSA peak percentage of page pool use	51
FREEMAINRTC	RATE3	CPSM			8	AVG	CDSA FREEMAIN rate since last reset	38
FREEMAINRTEC	RATE3	CPSM			8	AVG	ECDSA FREEMAIN rate since last reset	44
FREEMAINRTEU	RATE3	CPSM			8	AVG	EUDSA FREEMAIN rate since last reset	54
FREEMAINRTU	RATE3	CPSM			8	AVG	UDSA FREEMAIN rate since last reset	48
GETMAINRTC	RATE3	CPSM			8	AVG	CDSA GETMAIN rate since last reset	37
GETMAINRTEC	RATE3	CPSM			8	AVG	ECDSA GETMAIN rate since last reset	43
GETMAINRTEU	RATE3	CPSM			8	AVG	EUDSA GETMAIN rate since last reset	53
GETMAINRTU	RATE3	CPSM			8	AVG	UDSA GETMAIN rate since last reset	47
PAGEPLPCTC	PERCENT3	CPSM			4	AVG	CDSA current percentage of page pool use	40
PAGEPLPCTEC	PERCENT3	CPSM			4	AVG	ECDSA current percentage of page pool use	45
PAGEPLPCTEU	PERCENT3	CPSM			4	AVG	EUDSA current percentage of page pool use	55
PAGEPLPCTU	PERCENT3	CPSM			4	AVG	UCDSA current percentage of page pool use	50
SMTACCESSC	EYUDA	STAT	SMTBODY	SMTACCESS	4	LIKE	CDSA subpool access type	6
SMTACCESSC Output valid values	CICS, USER							
SMTACCESSEC	EYUDA	STAT	SMTBODY	SMTACCESS	4	LIKE	ECDSA subpool access type	14
SMTACCESSEC Output valid values	CICS, USER							
SMTACCESSEU	EYUDA	STAT	SMTBODY	SMTACCESS	4	LIKE	EUDSA subpool access type	30
SMTACCESSEU Output valid values	CICS, USER							
SMTACCESSU	EYUDA	STAT	SMTBODY	SMTACCESS	4	LIKE	UDSA subpool access type	22
SMTACCESSU Output valid values	CICS, USER							
SMTCESCDSA	BINARY	STAT	SMTBODY	SMTCES	4	AVG	CDSA sum of all element lengths	9
SMTCESECDSA	BINARY	STAT	SMTBODY	SMTCES	4	AVG	ECDSA sum of all element lengths	17
SMTCESEUDSA	BINARY	STAT	SMTBODY	SMTCES	4	AVG	EUDSA sum of all element lengths	33
SMTCESUDSA	BINARY	STAT	SMTBODY	SMTCES	4	AVG	UDSA sum of all element lengths	25
SMTCNECDSA	BINARY	STAT	SMTBODY	SMTCNE	4	AVG	CDSA current number of elements	11
SMTCNECDSA	BINARY	STAT	SMTBODY	SMTCNE	4	AVG	ECDSA current number of elements	19

Table 1032. TSKSPOLS resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
SMTCNEEUDSA	BINARY	STAT	SMTBODY	SMTCNE	4	AVG	EUDSA current number of elements	35
SMTCNEUDSA	BINARY	STAT	SMTBODY	SMTCNE	4	AVG	UDSA current number of elements	27
SMTCPSCDSA	BINARY	STAT	SMTBODY	SMTCPS	4	AVG	CDSA current page storage	10
SMTCPSECDSA	BINARY	STAT	SMTBODY	SMTCPS	4	AVG	ECDSA current page storage	18
SMTCPSEUDSA	BINARY	STAT	SMTBODY	SMTCPS	4	AVG	EUDSA current page storage	34
SMTCPsudsa	BINARY	STAT	SMTBODY	SMTCPS	4	AVG	UDSA current page storage	26
SMTFMREQCDSA	BINARY	STAT	SMTBODY	SMTFMREQ	4	AVG	CDSA number of FREEMAIN requests	8
SMTFMREQEC	BINARY	STAT	SMTBODY	SMTFMREQ	4	AVG	ECDSA number of FREEMAIN requests	16
SMTFMREQEU	BINARY	STAT	SMTBODY	SMTFMREQ	4	AVG	EUDSA number of FREEMAIN requests	32
SMTFMREQUDSA	BINARY	STAT	SMTBODY	SMTFMREQ	4	AVG	UDSA number of FREEMAIN requests	24
SMTGMREQCDSA	BINARY	STAT	SMTBODY	SMTGMREQ	4	AVG	CDSA number of GETMAIN requests	7
SMTGMREQEC	BINARY	STAT	SMTBODY	SMTGMREQ	4	AVG	ECDSA number of GETMAIN requests	15
SMTGMREQEU	BINARY	STAT	SMTBODY	SMTGMREQ	4	AVG	EUDSA number of GETMAIN requests	31
SMTGMREQUDSA	BINARY	STAT	SMTBODY	SMTGMREQ	4	AVG	UDSA number of GETMAIN requests	23
SMTHWMPSCDSA	BINARY	STAT	SMTBODY	SMTHWMPs	4	AVG	CDSA peak page storage	12
SMTHWMPSEC	BINARY	STAT	SMTBODY	SMTHWMPs	4	AVG	ECDSA peak page storage	20
SMTHWMPSEU	BINARY	STAT	SMTBODY	SMTHWMPs	4	AVG	EUDSA peak page storage	36
SMTHWMPsUDSA	BINARY	STAT	SMTBODY	SMTHWMPs	4	AVG	UDSA peak page storage	28
SMTLOCNCDSA	EYUDA	STAT	SMTBODY	SMTLOCN	4	LIKE	CDSA location above/below 16MB line	5
SMTLOCNCDSA Output valid values	ABOVE, BELOW							
SMTLOCNECDSA	EYUDA	STAT	SMTBODY	SMTLOCN	4	LIKE	ECDSA location above/below 16MB line	13
SMTLOCNECDSA Output valid values	ABOVE, BELOW							
SMTLOCNEUDSA	EYUDA	STAT	SMTBODY	SMTLOCN	4	LIKE	EUDSA location above/below 16MB line	29
SMTLOCNEUDSA Output valid values	ABOVE, BELOW							
SMTLOCNUDSA	EYUDA	STAT	SMTBODY	SMTLOCN	4	LIKE	UDSA location above/below 16MB line	21
SMTLOCNUDSA Output valid values	ABOVE, BELOW							



## Chapter 425. TSKSPOOL Resource Table

A CICS Resource that describes CICS task storage subpools in an active system being managed by CICSplex SM.

The **Primary** key field for this resource class is SMTDSANAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTaskSubpool

**Length**

88

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0119

<i>Table 1033. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A

<i>Table 1034. TSKSPOOL resource table attributes</i>								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
DSAELEMPCT	PERCENT3	CPSM			4	AVG	Percentage of DSA used by elements	17
DSAPAGPPCT	PERCENT3	CPSM			4	AVG	Peak percentage of DSA page use	19
FREEMAINRTE	RATE3	CPSM			8	AVG	FREEMAIN rate since last reset	16
GETMAINRTE	RATE3	CPSM			8	AVG	GETMAIN rate since last reset	15
PAGEPAGEPCT	PERCENT3	CPSM			4	AVG	Percentage of page pools used	18
SMTACCESS	EYUDA	STAT	SMTBODY	SMTACCESS	4	LIKE	Subpool access type	7

Table 1034. TSKSPOOL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
SMTACCESS Output valid values	CICS, USER							
SMTCES	BINARY	STAT	SMTBODY	SMTCES	4	AVG	Sum of all element lengths	10
SMTCNE	BINARY	STAT	SMTBODY	SMTCNE	4	AVG	Current number of elements	12
SMTCPD	BINARY	STAT	SMTBODY	SMTCPD	4	AVG	Current page storage	11
<b>SMTDSANAME-1</b>	CHAR	STAT	SMTBODY	SMTDSANAME	8	DIFF	Name of dynamic storage area (DSA)	5
SMTFMREQ	BINARY	STAT	SMTBODY	SMTFMREQ	4	AVG	Number of FREEMAIN requests	9
SMTGMREQ	BINARY	STAT	SMTBODY	SMTGMREQ	4	AVG	Number of GETMAIN requests	8
SMTHWMPD	BINARY	STAT	SMTBODY	SMTHWMPD	4	AVG	Peak page storage	13
SMTLOCN	EYUDA	STAT	SMTBODY	SMTLOCN	4	LIKE	Location of task subpool above/below 16MB	6
SMTLOCN Output valid values	ABOVE, BELOW							

## Chapter 426. TSMDEF Resource Table

A CICS Definition that describes a temporary storage model.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a Temporary Storage Model Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionTSMModel

### Length

280

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3821

<i>Table 1035. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

<i>Table 1035. Valid CPSM operations (continued)</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

<i>Table 1036. TSMDEF FEEDBACK error codes</i>		
<b>Value</b>	<b>Code</b>	<b>Description</b>
1	TSMDEF_INV_DATA	Attribute data invalid
2	TSMDEF_REC_NOT_FOUND	Requested resource not found
4	TSMDEF_REC_EXISTS	Resource already exists
5	TSMDEF_REC_CHANGED	Resource definition already changed
6	TSMDEF_INV_RESTYPE	Invalid resource type
7	TSMDEF_INV_VER	Invalid resource version
11	TSMDEF_NON_MP	Maintenance point CMAS not available
12	TSMDEF_INV_CONTEXT	Context not found
13	TSMDEF_INCONSISTENT_SET	Inconsistent set condition
14	TSMDEF_INV_RESGROUP	Resource group not found
21	TSMDEF_INV_ACTION	Invalid action
22	TSMDEF_INV_RECADDR	Invalid record address
23	TSMDEF_INV_RECLLEN	Invalid record length
24	TSMDEF_DIFF_VERSION	Different version
25	TSMDEF_EARLY_NAMELIST_END	Early name list end
26	TSMDEF_INV_NAMELIST	Invalid name list
27	TSMDEF_INV_NAME	Invalid name
28	TSMDEF_INV_MINNAME	Invalid minor name



Table 1036. TSMDEF FEEDBACK error codes (continued)

<b>Value</b>	<b>Code</b>	<b>Description</b>
29	TSMDEF_NOTIFY	Notify
30	TSMDEF_PARTIAL_INSTALL	Partial install
31	TSMDEF_NOTHING_INSTALLED	Nothing installed
32	TSMDEF_NO_TARGETS	No targets
33	TSMDEF_NO_RELATED	No related systems
34	TSMDEF_INV_TSCOPE	Invalid target scope
35	TSMDEF_INV_RSCOPE	Invalid related scope
36	TSMDEF_INV_USAGE	Invalid usage
37	TSMDEF_INV_MODE	Invalid mode
38	TSMDEF_INV_STATECHK	Invalid state check
39	TSMDEF_INV_FORCEINS	Invalid force install
40	TSMDEF_INV_NOTIFY	Invalid notify
41	TSMDEF_INV_OVERTYPE	Invalid oertype
42	TSMDEF_INV_OVRBLOCK	Invalid override block
43	TSMDEF_INV_ORSTRING	Invalid override string
44	TSMDEF_INV_STRNGTERM	Invalid string terminator
45	TSMDEF_INV_EMBEDTERM	Invalid embedded terminator
46	TSMDEF_INV_ATTRIBUTE	Invalid attribute
47	TSMDEF_INV_LITERAL	Invalid literal
48	TSMDEF_INV_ORSTGNA	Invalid override string
49	TSMDEF_SCOPE_REQUIRED	Scope required
50	TSMDEF_USAGE_CONFLICT	Usage conflict
51	TSMDEF_NODEFS_SELECTED	No definitions selected
52	TSMDEF_MORE_THAN_1_RELSYS	More than one related system
53	TSMDEF_MISSING_RELSYSID	Missing related system identifier
54	TSMDEF_SCOPE_CONFLICT	Scope conflict
55	TSMDEF_INV_CSDGROUP	Invalid CSD group
56	TSMDEF_REC_NOT_REMOVED	Record not removed
57	TSMDEF_INV_RESOURCE	Invalid resource
58	TSMDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	TSMDEF_PARTIAL_ACTION	Partial action
60	TSMDEF_NOTHING_ACTIONED	Nothing actioned
61	TSMDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 1036. TSMDEF FEEDBACK error codes (continued)

Value	Code	Description
62	TSMDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	TSMDEF_CSD_ERROR	CSD access error

Table 1037. TSMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	24
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	26
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	25
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				16
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	28
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		23
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				20
EXPIRYINT	CHAR	CPSM	8	Yes	DIFF	TS Queue expiry interval (hours)	0	0-15000	E640 E650 E660	30
EXPIRYINTMIN	CHAR	CPSM	8	Yes	DIFF	TS Queue expiry interval (minutes)	0	0-900000	E640 E650 E660 E670 E680	31
LOCATION	CVDAS	CPSM	4	Yes	LIKE	Queue location	AUXILIARY			10
LOCATION Input/output valid values	MAIN, AUXILIARY									
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				7
POOLNAME	CHAR	CPSM	8	No	DIFF	Shared TS pool name				13
PREFIX	CHAR	CPSM	16	Yes	DIFF	TS queue prefix				9
RECOVERY	EYUDA	CPSM	4	Yes	LIKE	Recovery option	NO			11
RECOVERY Input/output valid values	YES, NO									
REMOTEPREFIX	CHAR	CPSM	16	No	DIFF	Remote TS queue prefix				15
REMOTESYSTEM	CHAR	CPSM	4	No	DIFF	Remote system ID				14
SECURITY	EYUDA	CPSM	4	Yes	LIKE	Security option	NO			12
SECURITY Input/output valid values	YES, NO									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				17
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				18
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				19
XPREFIX	CHAR	CPSM	32	No	DIFF	Hexadecimal TS queue prefix				21

Table 1037. TSMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
XREMOTEPFX	CHAR	CPSM	32	No	DIFF	Hexadecimal remote TS queue prefix				22



## Chapter 427. TSMINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a temporary storage model definition (TSMDEF) in a resource group (RESGROUP). A TSMDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is TSMGROUP.

The **Secondary** key field for this resource class is TSMNAME.

The **Tertiary** key field for this resource class is TSMVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6166

<i>Table 1038. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 1039. TSMINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	TSMINGRP_INV_DATA	Attribute data invalid
2	TSMINGRP_REC_NOT_FOUND	Requested resource not found
4	TSMINGRP_REC_EXISTS	Resource already exists
6	TSMINGRP_INV_RESTYPE	Invalid resource type
7	TSMINGRP_INV_VER	Invalid resource version
11	TSMINGRP_NON_MP	Maintenance point CMAS not available

Table 1039. TSMINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	TSMINGRP_INV_CONTEXT	Context not found
21	TSMINGRP_INCONSISTENT_SET	Inconsistent set
22	TSMINGRP_DIFF_VERSION	Different version
23	TSMINGRP_INV_NAME	Invalid name
24	TSMINGRP_INV_MINNAME	Invalid minor name

Table 1040. TSMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>TSMGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>TSMNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	TS model definition name	6
<b>TSMVER-3</b>	BINARY	CPSM	1	Yes	AVG	TS model definition version	7

## Chapter 428. TSMODEL Resource Table

A CICS Resource that describes a temporary storage model in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### DISCARD

Discard a temporary storage model.

The DISCARD action requires no unique parameter data.

### External resource name

CICSTSMModel

### Length

152

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0092

Table 1041. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	DISCARD	None	N/A

Table 1042. TSMODEL resource table attributes											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Value Range	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	CICS System Name				
EYU_CICSREL	CHAR	CPSM			4	DIF F	CICS Release				
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved				
BASDEFINEVER	BINARY	CPSM			1	AVG	BAS resource definition version	0		E640 E650	20

Table 1042. TSMODEL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Value Range	Get Invalid	Attr ID
CHANGEAGENT	CVDAS	INQ	TSMODEL	REMOTEPRE FIX	4	LIK E	Last modification agent			E64 0 E65 0	11
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, CREATESPI, NOTAPPLIC										
CHANGEAGREL	CHAR	INQ	TSMODEL	REMOTEPRE FIX	4	DIF F	Last modification agent release			E64 0 E65 0	13
CHANGETIME	DATETIME	INQ	TSMODEL	REMOTEPRE FIX	8	MA X	Last modification time			E64 0 E65 0	14
CHANGEUSRID	CHAR	INQ	TSMODEL	REMOTEPRE FIX	8	DIF F	Last modification user ID			E64 0 E65 0	12
DEFINESOURCE	CHAR	INQ	TSMODEL	REMOTEPRE FIX	8	DIF F	Source of the resource definition			E64 0 E65 0	15
DEFINETIME	DATETIME	INQ	TSMODEL	REMOTEPRE FIX	8	MA X	Creation time			E64 0 E65 0	16
EXPIRYINT	BINARY	CPSM	TSMODEL	REMOTEPRE FIX	4	AVG	TS Queue expiry interval (hours)	0	0-15000	E64 0 E65 0 E66 0	22
EXPIRYINTMIN	BINARY	CPSM	TSMODEL	REMOTEPRE FIX	4	AVG	TS Queue expiry interval (minutes)	0	0-900000	E64 0 E65 0 E66 0 E67 0 E68 0	23
INSTALLAGENT	CVDAS	INQ	TSMODEL	REMOTEPRE FIX	4	LIK E	Installation agent			E64 0 E65 0	19
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, GRPLIST										
INSTALLTIME	DATETIME	INQ	TSMODEL	REMOTEPRE FIX	8	MA X	Installation time			E64 0 E65 0	18
INSTALLUSRID	CHAR	INQ	TSMODEL	REMOTEPRE FIX	8	DIF F	Installation user ID			E64 0 E65 0	17
LOCATION	CVDAS	INQ	TSMODEL	LOCATION	4	LIK E	Queue location	AUXILIAR Y			3
LOCATION Output valid values	AUXILIARY, MAIN										



Table 1042. TSMODEL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Le n	Su m	Description	Default	Value Range	Get Inva lid	Attr ID
NAME-1	CHAR	INQ			8	DIF F	TS model name				1
POOLNAME	CHAR	INQ	TSMODEL	POOLNAME	8	DIF F	Shared TS pool name				6
PREFIX	CHAR	INQ	TSMODEL	PREFIX	1 6	DIF F	TS queue prefix				2
RECOVSTATUS	CVDAS	INQ	TSMODEL	RECOVSTATU S	4	LIK E	Recovery status	NO			4
RECOVSTATUS Output valid values	RECOVERABLE, NOTRECOVABLE										
REMOTEPREFIX	CHAR	INQ	TSMODEL	REMOTEPRE FIX	1 6	DIF F	Remote TS queue prefix				8
REMOTESYSTEM	CHAR	INQ	TSMODEL	REMOTESYST EM	4	DIF F	Remote system ID				7
SECURITYST	CVDAS	INQ	TSMODEL	SECURITYST	4	LIK E	Security status	NO			5
SECURITYST Output valid values	EXTSECURITY, NOSECURITY										



## Chapter 429. TSPool Resource Table

A CICS Resource that describes a temporary storage pool in an active CICS system being managed by CICSPlex SM.

The **Primary** key field for this resource class is NAME.

There are no object specific actions for this resource class.

**External resource name**

CICSTSPool

**Length**

32

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0094

Table 1043. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 1044. TSPool resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
CONNSTATUS	CVDAS	CPSM	TSPool	CONNSTATUS	4	LIKE	Connection status	2
CONNSTATUS Output valid values	CONNECTED, UNCONNECTED							
<b>NAME-1</b>	CHAR	CPSM			8	DIFF	Temporary storage pool name	1



## Chapter 430. TSQGBL Resource Table

A CICS Resource that describes the general characteristics of temporary storage usage in an active CICS system being managed by CICSplex SM.

The TSQGBL resource class does not provide an explicit key attribute. The set of object instances returned is a function of the current scope in effect when the request is made.

There are no object specific actions for this resource class.

**External resource name**

CICSGlobalTSQueueStatistics

**Length**

216

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0030

<i>Table 1045. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A

<i>Table 1046. TSQGBL resource table attributes</i>												
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Invalid	Set Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF	No	CICS System Name				
EYU_CICSREL	CHAR	CPSM			4	DIF	No	CICS Release				
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved				
AUXFULL	BINARY	STAT	DFHTSGDS	TSGSTA8F	4	AVG	No	Number of times auxiliary storage exhausted				15
BUFFERS	BINARY	STAT	DFHTSGDS	TSGNBCA	2	AVG	No	Number of temporary storage buffers				16
BUFFWAITS	BINARY	STAT	DFHTSGDS	TSGBWTN	4	AVG	No	Total number of buffer waits				18

Table 1046. TSQGBL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Invalid	Set Invalid	Attr ID
BUFREADS	BINARY	STAT	DFHTSGDS	TSGTRDN	4	AVG	No	Number of buffer reads				22
BUFWITES	BINARY	STAT	DFHTSGDS	TSGTWTN	4	AVG	No	Number of buffer writes				20
BYTESPERCI	BINARY	STAT	DFHTSGDS	TSGNAVB	4	AVG	No	Number of bytes available in control interval				34
BYTESPERSEG	BINARY	STAT	DFHTSGDS	TSGBPSEG	4	AVG	No	Number of bytes per segment				36
CINUM	BINARY	STAT	DFHTSGDS	TSGNCI	4	AVG	No	Number of control intervals available				13
CISINUSE	BINARY	STAT	DFHTSGDS	TSGNCIA	4	AVG	No	Number of control intervals in use				31
CISIZE	BINARY	STAT	DFHTSGDS	TSGCSZ	4	AVG	No	Control interval size				11
COMPRESSIONS	BINARY	STAT	DFHTSGDS	TSGSTA9F	4	AVG	No	Number of temporary storage compressions				30
CURRSTG	BINARY	STAT	DFHTSGDS	TSGTSMUS	8	AVG	No	Current storage in use (bytes)				4
CURRUWBFR	BINARY	STAT	DFHTSGDS	TSGBUWT	4	AVG	No	Number of current users waiting on buffers				27
CURRUWSTR	BINARY	STAT	DFHTSGDS	TSGVUWT	4	AVG	No	Number of current users waiting on strings				26
ENTLGQUE	BINARY	STAT	DFHTSGDS	TSGQINH	4	AVG	No	Number of entries in longest queue				8
EXTTHRESHOLD	BINARY	STAT			2	AVG	No	Queue extension threshold		E510+		37
FMTWRT	BINARY	STAT	DFHTSGDS	TSGTWTNF	4	AVG	No	Number of format writes				23
GETQAUX	BINARY	STAT	DFHTSGDS	TSGNAG	4	AVG	No	Number of records obtained from auxiliary TS				6
GETQMAIN	BINARY	STAT	DFHTSGDS	TSGNMG	4	AVG	No	Number of records obtained from main TS				2
IOERRS	BINARY	STAT	DFHTSGDS	TSGSTA9F	4	AVG	No	Number of I/O errors on data set				28
LONGAUXREC	BINARY	STAT	DFHTSGDS	TSGLAR	4	AVG	No	Longest auxiliary record length				33
NAMESINUSE	BINARY	STAT	DFHTSGDS	TSGQNUM	4	AVG	No	Number of temporary storage names in use				32
PEAKCIUSE	BINARY	STAT	DFHTSGDS	TSGNCIAH	4	AVG	No	Peak number of control intervals used				14
PEAKQUES	BINARY	STAT	DFHTSGDS	TSGQNUMH	4	AVG	No	Peak number of queue names in use				7
PEAKSTG	BINARY	STAT	DFHTSGDS	TSGTSMAX	8	AVG	No	Peak storage in use (bytes)				3
PEAKUSDSTR	BINARY	STAT	DFHTSGDS	TSGNVCAH	4	AVG	No	Peak number of strings in use				24
PEAKUWBUF	BINARY	STAT	DFHTSGDS	TSGBUWTH	4	AVG	No	Peak number of users waiting on buffers				19
PEAKUWSTR	BINARY	STAT	DFHTSGDS	TSGVUWTH	4	AVG	No	Peak number of users waiting on strings				25

Table 1046. TSQGBL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Value Range	Get Invalid	Set Invalid	Attr ID
PUTQAUX	BINARY	STAT	DFHTSGDS	TSGSTA7F	4	AVG	No	Number of records written to auxiliary TS				5
PUTQMAIN	BINARY	STAT	DFHTSGDS	TSGSTA5F	4	AVG	No	Number of records written to main TS				1
QUECRECNT	BINARY	STAT	DFHTSGDS	TSGSTA3F	4	AVG	No	Number of times queues created				9
QUEXTENDS	BINARY	STAT			4	AVG	No	Number of times queue extensions created		E510+		10
SEGSPERCI	BINARY	STAT	DFHTSGDS	TSGSPCI	4	AVG	No	Number of segments available in control interval				35
SHRDPOOLCONN	BINARY	STAT	DFHTSGDS	TSGSHPCN	4	AVG	No	Number of shared pools connected to				40
SHRDPOOLDEF	BINARY	STAT	DFHTSGDS	TSGSHPDF	4	AVG	No	Number of shared pools defined				39
SHRDREADREQ	BINARY	STAT	DFHTSGDS	TSGSHRDS	4	AVG	No	Number of shared read requests				41
SHRDWRITEREQ	BINARY	STAT	DFHTSGDS	TSGSHWTS	4	AVG	No	Number of shared write requests				42
STRINGS	BINARY	STAT	DFHTSGDS	TSGNVCA	2	AVG	No	Number of temporary storage strings				17
STRINGWAIT	BINARY	STAT	DFHTSGDS	TSGVWTN	4	AVG	No	Number of times string wait occurred				29
TSMMAINHIT	BINARY	STAT	DFHTSGDS	TSGTSLHT	4	AVG	No	Count of times TSMMAINLIMIT reached		E640 E650 E660		47
TSMMAININUSE	BINARY	STAT			8	AVG	No	Current used above the bar storage for TSMMAIN		E640 E650 E660	E640 E650 E660	44
TSMMAINLIMIT	BINARY	INQ	TEMPSTORAGE		8	AVG	Yes	Maximum above the bar storage for TSMMAIN	1048576-34359738368	E640 E650 E660	E640 E650 E660	43
TSMMAINMAX	BINARY	STAT	DFHTSGDS	TSGTSMAX	8	AVG	No	Maximum TS MAIN storage used		E640 E650 E660		48
TSMMAINPCT	PERCENT3	CPSM			4	AVG	No	Percentage utilization of TSMMAIN above the bar		E640 E650 E660		45
WRTFRECVR	BINARY	STAT	DFHTSGDS	TSGTWTNR	4	AVG	No	Number of buffer writes forced by recovery				21
WRTGCISZ	BINARY	STAT	DFHTSGDS	TSGSTABF	4	AVG	No	Number of records with length greater than CISIZE				12





# Chapter 431. TSQNAME Resource Table

A CICS Resource that describes a temporary storage queue in an active CICS system being managed by CICSPlex SM.

The **Primary** key field for this resource class is NAME.

The following action is supported:

### DELETE

Delete a temporary storage queue

The parameter data for the DELETE action is:

```

PARM('LASTUSEDINT(interval).')
  where:
    interval = (Optional) Last used interval.
  
```

### External resource name

CICSTSQueue

### Length

88

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0107

Table 1047. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DELETE	LASTUSEDINT(value)	No

Table 1048. TSQNAME resource table attributes											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Value Range	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	CICS System Name				

Table 1048. TSQNAME resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Value Range	Get Invalid	Attr ID
EYU_CICSREL	CHAR	CPSM			4	DIF	CICS Release				
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved				
EXPIRYINT	BINARY	CPSM	TSQNAME	EXPIRYINT	4	DIF	TS Queue expiry interval (hours)	0	0-15000	E640 E650 E660	11
EXPIRYINTMIN	BINARY	CPSM	TSQNAME	EXPIRYINTMIN	4	DIF	TS Queue expiry interval (minutes)	0	0-900000	E640 E650 E660 E670 E680	13
HEXNAME	HEX	INQ			16	MIN	Queue name in hexadecimal				12
LASTUSEDINT	BINARY	INQ	TSQNAME	LASTUSEDINT	4	AVG	Interval since queue last used (seconds)		0-99999999		8
LOCATION	CVDAS	INQ	TSQNAME	LOCATION	4	LIKE	Queue location				2
LOCATION Output valid values	AUXILIARY, MAIN										
MAXITEMLEN	CNUMERIC	INQ	TSQNAME	MAXITEMLEN	2	AVG	Largest item length (bytes)				4
MINITEMLEN	CNUMERIC	INQ	TSQNAME	MINITEMLEN	2	AVG	Smallest item length (bytes)				5
NAME-1	CHAR	INQ	TSQNAME	TSQNAME	16	DIF	Queue name				1
NUMITEMS	BINARY	INQ	TSQNAME	NUMITEMS	2	AVG	Number of items in queue				6
QUELENGTH	CNUMERIC	INQ	TSQNAME	FLENGTH	4	AVG	Total queue length (bytes)				3
RECOVSTATUS	CVDAS	INQ	TSQNAME	RECOVSTATUS	4	LIKE	Recovery status				10
RECOVSTATUS Output valid values	RECOVERABLE, NOTRECOVABLE										
TRANSID	CHAR	INQ	TSQNAME	TRANSID	4	DIF	Transaction that created TS queue				9

## Chapter 432. TSQSHR Resource Table

A CICS Resource that describes a temporary storage queue in a pool in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is POOLNAME.

The following actions are supported:

### DELETE

Delete a temporary storage queue in pool.

The parameter data for the DELETE action is:

```
PARM('LASTUSEDINT(interval).')
```

where:

```
interval = (Optional) Last used interval.
```

### External resource name

CICSSharedTSQueue

### Length

96

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0100

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DELETE	LASTUSEDINT(value)	No

Table 1050. TSQSHR resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Value Range	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	CICS System Name				
EYU_CICSREL	CHAR	CPSM			4	DIF F	CICS Release				
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved				
EXPIRYINT	BINARY	INQ	TSQNAME	EXPIRYINT	4	AVG	TS Queue expiry interval (hours)		0-15000	E640 E650 E660	12
EXPIRYINTMIN	BINARY	CPSM	TSQNAME	EXPIRYINTMIN	4	DIF F	TS Queue expiry interval (minutes)	0	0-900000	E640 E650 E660 E670 E680	13
HEXNAME	HEX	INQ			16	MIN	Queue name in hexadecimal				15
LASTUSEDINT	BINARY	INQ	TSQNAME	LASTUSEDINT	4	AVG	Interval since queue last used (seconds)		0-99999999		9
LOCATION	CVDAS	INQ	TSQNAME	LOCATION	4	LIKE	Queue location				3
LOCATION Output valid values	AUXILIARY, MAIN										
MAXITEMLEN	BINARY	INQ	TSQNAME	MAXITEMLEN	2	AVG	Largest item length (bytes)				5
MINITEMLEN	BINARY	INQ	TSQNAME	MINITEMLEN	2	AVG	Smallest item length (bytes)				6
<b>NAME-1</b>	CHAR	INQ	TSQNAME	TSQNAME	16	DIF F	Queue name				1
NUMITEMS	BINARY	INQ	TSQNAME	NUMITEMS	2	AVG	Number of items in queue				7
<b>POOLNAME-2</b>	CHAR	INQ	TSQNAME	POOLNAME	8	DIF F	Temporary storage pool name				2
QUELENGTH	BINARY	INQ	TSQNAME	FLENGTH	4	AVG	Total queue length (bytes)				4
RECOVSTATUS	CVDAS	INQ	TSQNAME	RECOVSTATUS	4	LIKE	Recovery status				11
RECOVSTATUS Output valid values	RECOVERABLE, NOTRECOVERABLE										
TRANSID	CHAR	INQ	TSQNAME	TRANSID	4	DIF F	Transaction that created TS queue				10

## Chapter 433. TSQUEUE Resource Table

A CICS Resource that describes a temporary storage queue in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is NAME.

The TSQUEUE resource class only returns objects instances if the target CICS system is running at CICS/ESA 3.3 or later.

The following actions are supported:

### DELETE

Delete a temporary storage queue in pool.

The parameter data for the DELETE action is:

```
PARM('LASTUSEDINT(interval).')
```

where:

```
interval = (Optional) Last used interval.
```

### External resource name

#### Length

64

#### Usage

API or WUI or EVALDEF

#### API view

Yes

#### CMAS context

No

#### SCOPE applies

Yes

#### Only query CMASs in workload

No

#### Object type

CICS Resource

#### Copybook identifier

EYUt0040

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DELETE	LASTUSEDINT(value)	No

Table 1052. TSQUEUE resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Default	Value Range	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF	CICS System Name				
EYU_CICSREL	CHAR	CPSM			4	DIF	CICS Release				
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved				
EXPIRYINT	BINARY	CPSM	TSQUEUE	EXPIRYINT	4	DIF	TS Queue expiry interval (hours)	0	0-15000	E640 E650 E660	11
EXPIRYINTMIN	BINARY	CPSM	TSQUEUE	EXPIRYINTMIN	4	DIF	TS Queue expiry interval (minutes)	0	0-900000	E640 E650 E660 E670 E680	12
LASTUSEDINT	BINARY	INQ	TSQUEUE	LASTUSEDINT	4	AVG	Interval since queue last used (seconds)		0-99999999		8
LOCATION	CVDAS	INQ	TSQUEUE	LOCATION	4	LIKE	Queue location				2
LOCATION Output valid values	AUXILIARY, MAIN										
MAXITEMLEN	CNUMERIC	INQ	TSQUEUE	MAXITEMLEN	2	AVG	Largest queue item length (bytes)				4
MINITEMLEN	CNUMERIC	INQ	TSQUEUE	MINITEMLEN	2	AVG	Smallest queue item length (bytes)				5
NAME-1	CHAR	INQ	TSQUEUE	TSQUEUE	8	DIF	Queue name				1
NUMITEMS	BINARY	INQ	TSQUEUE	NUMITEMS	2	AVG	Number of items in queue				6
QUELENGTH	CNUMERIC	INQ	TSQUEUE	FLENGTH	4	AVG	Queue length (bytes)				3
RECOVSTATUS	CVDAS	INQ	TSQUEUE	RECOVSTATUS	4	LIKE	Recovery status				10
RECOVSTATUS Output valid values	RECOVERABLE, NOTRECOVABLE										
TRANSID	CHAR	INQ	TSQUEUE	TRANSID	4	DIF	Transaction that created TS queue				9

## Chapter 434. TYPINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a typeterm definition (TYPTMDEF) in a resource group (RESGROUP). A TYPTMDEF can be a member of multiple RESGROUPS.

The **Primary** key field for this resource class is TYPTMGROUP.

The **Secondary** key field for this resource class is TYPTMNAME.

The **Tertiary** key field for this resource class is TYPTMVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6161

<i>Table 1053. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 1054. TYPINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	TYPINGRP_INV_DATA	Attribute data invalid
2	TYPINGRP_REC_NOT_FOUND	Requested resource not found
4	TYPINGRP_REC_EXISTS	Resource already exists
6	TYPINGRP_INV_RESTYPE	Invalid resource type
7	TYPINGRP_INV_VER	Invalid resource version
11	TYPINGRP_NON_MP	Maintenance point CMAS not available
12	TYPINGRP_INV_CONTEXT	Context not found

Table 1054. TYPINGRP FEEDBACK error codes (continued)

Value	Code	Description
21	TYPINGRP_INCONSISTENT_SET	Inconsistent set
22	TYPINGRP_DIFF_VERSION	Different version
23	TYPINGRP_INV_NAME	Invalid name
24	TYPINGRP_INV_MINNAME	Invalid minor name

Table 1055. TYPINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>TYPTMGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>TYPTMNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	Typeterm definition name	6
<b>TYPTMVER-3</b>	BINARY	CPSM	1	Yes	AVG	Typeterm definition version	7



## Chapter 435. TYPTMDEF Resource Table

A CICS Definition that describes a typeterm, which encompasses attributes that are common to a group of terminals.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a Typeterm Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### External resource name

CICSDefinitionTypeterm

### Length

504

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3816

<i>Table 1056. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No

<i>Table 1056. Valid CPSM operations (continued)</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

<i>Table 1057. TYPTMDEF FEEDBACK error codes</i>		
<b>Value</b>	<b>Code</b>	<b>Description</b>
1	TYPTMDEF_INV_DATA	Attribute data invalid
2	TYPTMDEF_REC_NOT_FOUND	Requested resource not found
4	TYPTMDEF_REC_EXISTS	Resource already exists
5	TYPTMDEF_REC_CHANGED	Resource definition already changed
6	TYPTMDEF_INV_RESTYPE	Invalid resource type
7	TYPTMDEF_INV_VER	Invalid resource version
11	TYPTMDEF_NON_MP	Maintenance point CMAS not available
12	TYPTMDEF_INV_CONTEXT	Context not found
13	TYPTMDEF_INCONSISTENT_SET	Inconsistent set condition
14	TYPTMDEF_INV_RESGROUP	Resource group not found
21	TYPTMDEF_INV_ACTION	Invalid action
22	TYPTMDEF_INV_RECADDR	Invalid record address
23	TYPTMDEF_INV_RECLEN	Invalid record length
24	TYPTMDEF_DIFF_VERSION	Different version
25	TYPTMDEF_EARLY_NAMELIST_END	Early name list end
26	TYPTMDEF_INV_NAMELIST	Invalid name list
27	TYPTMDEF_INV_NAME	Invalid name
28	TYPTMDEF_INV_MINNAME	Invalid minor name

Table 1057. TYPTMDEF FEEDBACK error codes (continued)

<b>Value</b>	<b>Code</b>	<b>Description</b>
29	TYPTMDEF_NOTIFY	Notify
30	TYPTMDEF_PARTIAL_INSTALL	Partial install
31	TYPTMDEF_NOTHING_INSTALLED	Nothing installed
32	TYPTMDEF_NO_TARGETS	No targets
33	TYPTMDEF_NO_RELATED	No related systems
34	TYPTMDEF_INV_TSCOPE	Invalid target scope
35	TYPTMDEF_INV_RSCOPE	Invalid related scope
36	TYPTMDEF_INV_USAGE	Invalid usage
37	TYPTMDEF_INV_MODE	Invalid mode
38	TYPTMDEF_INV_STATECHK	Invalid state check
39	TYPTMDEF_INV_FORCEINS	Invalid force install
40	TYPTMDEF_INV_NOTIFY	Invalid notify
41	TYPTMDEF_INV_OVERTYPE	Invalid oertype
42	TYPTMDEF_INV_OVRBLOCK	Invalid override block
43	TYPTMDEF_INV_ORSTRING	Invalid override string
44	TYPTMDEF_INV_STRNGTERM	Invalid string term
45	TYPTMDEF_INV_EMBEDTERM	Invalid embedded terminator
46	TYPTMDEF_INV_ATTRIBUTE	Invalid attribute
47	TYPTMDEF_INV_LITERAL	Invalid literal
48	TYPTMDEF_INV_ORSTGNA	Invalid override string
49	TYPTMDEF_SCOPE_REQUIRED	Scope required
50	TYPTMDEF_USAGE_CONFLICT	Usage conflict
51	TYPTMDEF_NODEFS_SELECTED	No definitions selected
52	TYPTMDEF_MORE_THAN_1_RELSYS	More than one related system
53	TYPTMDEF_MISSING_RELSYSID	Missing related system identifier
54	TYPTMDEF_SCOPE_CONFLICT	Scope conflict
55	TYPTMDEF_INV_CSDGROUP	Invalid CSD group
56	TYPTMDEF_REC_NOT_REMOVED	Record not removed
57	TYPTMDEF_INV_RESOURCE	Invalid resource
58	TYPTMDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	TYPTMDEF_PARTIAL_ACTION	Partial action
60	TYPTMDEF_NOTHING_ACTIONED	Nothing actioned
61	TYPTMDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive

Table 1057. TYPTMDEF FEEDBACK error codes (continued)

Value	Code	Description
62	TYPTMDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	TYPTMDEF_CSD_ERROR	CSD access error

Table 1058. TYPTMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
ALTPAGECOL	CHAR	CPSM	4	No	DIFF	Alternate BMS page size (number of columns)	0	0-255		8
ALTPAGEROW	CHAR	CPSM	4	No	DIFF	Alternate BMS page size (number of rows)	0	0-255		9
ALTSCREENCOL	CHAR	CPSM	4	No	DIFF	Alternate screen size (number of columns)	0	0-255		10
ALTSCREENROW	CHAR	CPSM	4	No	DIFF	Alternate screen size (number of rows)	0	0-255		11
ALTSUFFIX	CHAR	CPSM	1	No	DIFF	Map set name suffix				82
APLKYBD	EYUDA	CPSM	4	Yes	LIKE	APL keyboard feature	NO			12
APLKYBD Input/output valid values	YES, NO									
APLTEXT	EYUDA	CPSM	4	Yes	LIKE	APL text feature	NO			13
APLTEXT Input/output valid values	YES, NO									
ASCII	CHAR	CPSM	4	No	DIFF	ASCII feature	NO	7-8		14
ASCII Input/output valid values	NO									
ASYNCBPS	CHAR	CPSM	8	No	DIFF	Asynchronous line speed (OS/2)			EALL	80
ASYNCBPS Input/output valid values	0, 110, 150, 300, 600, 1200, 1800, 2400, 3600, 4800, 9600, 19200									
ASYNCPRT3151	CHAR	CPSM	4	No	DIFF	3151 asynchronous port name (OS/2)			EALL	79
ATI	EYUDA	CPSM	4	Yes	LIKE	Automatic transaction initiation option	NO			15
ATI Input/output valid values	YES, NO									
AUDIBLEALARM	EYUDA	CPSM	4	Yes	LIKE	Audible alarm feature	NO			16
AUDIBLEALARM Input/output valid values	YES, NO									
AUTOCONNECT	EYUDA	CPSM	4	Yes	LIKE	Autoconnect for terminal option	NO			17
AUTOCONNECT Input/output valid values	YES, NO, ALL									
AUTOPAGE	EYUDA	CPSM	4	Yes	LIKE	BMS autopaging option	NO			18
AUTOPAGE Input/output valid values	YES, NO									
BACKTRANS	EYUDA	CPSM	4	Yes	LIKE	Background transparency option	NO			19
BACKTRANS Input/output valid values	YES, NO									
BRACKET	EYUDA	CPSM	4	Yes	LIKE	Bracket protocol enforced	YES			20

Table 1058. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
BRACKET Input/output valid values	YES, NO									
BUILDCHAIN	EYUDA	CPSM	4	Yes	LIKE	CICS chain assembly performed	NO			21
BUILDCHAIN Input/output valid values	YES, NO									
CGCSGIDCODE	CHAR	CPSM	8	No	DIFF	Graphic character set global code	0	0-65535		22
CGCSGIDGBLID	CHAR	CPSM	8	No	DIFF	Graphic character set global ID	0	0-65535		23
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	92
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	94
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	93
CODEPAGE	CHAR	CPSM	8	No	DIFF	Code page value		0-65534	EALL	78
COLOR	EYUDA	CPSM	4	Yes	LIKE	Extended color feature	NO			24
COLOR Input/output valid values	YES, NO									
COPY	EYUDA	CPSM	4	Yes	LIKE	Copy feature	NO			25
COPY Input/output valid values	YES, NO									
CREATESESS	EYUDA	CPSM	4	Yes	LIKE	Sessions to be created	NO			26
CREATESESS Input/output valid values	YES, NO									
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				84
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	96
DEFSCREENCOL	CHAR	CPSM	4	No	DIFF	Default screen size (number of columns)	0	0-255		27
DEFSCREENROW	CHAR	CPSM	4	No	DIFF	Default screen size (number of rows)	0	0-255		28
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		91
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				88
DEVICE	CHAR	CPSM	8	Yes	DIFF	Device type				29
DISCREQ	EYUDA	CPSM	4	Yes	LIKE	Disconnect requests honored	YES			30
DISCREQ Input/output valid values	YES, NO									
DUALCASEKYBD	EYUDA	CPSM	4	Yes	LIKE	Dual case keyboard supported	NO			31
DUALCASEKYBD Input/output valid values	YES, NO									
ERRCOLOR	EYUDA	CPSM	4	Yes	LIKE	Color of error messages	NO			32
ERRCOLOR Input/output valid values	NO, BLUE, RED, PINK, GREEN, TURQUOISE, YELLOW, NEUTRAL									

Table 1058. TYPTMDEF resource table attributes (continued)										
Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
ERRHIGHLIGHT	EYUDA	CPSM	4	Yes	LIKE	Error messages highlighted	NO			33
ERRHIGHLIGHT Input/output valid values	BLINK, REVERSE, UNDERLINE, NO									
ERRINTENSIFY	EYUDA	CPSM	4	Yes	LIKE	Error message display intensified	NO			34
ERRINTENSIFY Input/output valid values	YES, NO									
ERRLASTLINE	EYUDA	CPSM	4	Yes	LIKE	Display error messages on last line	NO			35
ERRLASTLINE Input/output valid values	YES, NO									
EXTENDEDDES	EYUDA	CPSM	4	Yes	LIKE	Extended 3270 data stream	NO			36
EXTENDEDDES Input/output valid values	YES, NO									
FMHPARM	EYUDA	CPSM	4	Yes	LIKE	Accept user-supplied data in function management header (FMH)	NO			37
FMHPARM Input/output valid values	YES, NO									
FORMFEED	EYUDA	CPSM	4	Yes	LIKE	Formfeed feature	NO			38
FORMFEED Input/output valid values	YES, NO									
FULLSCREEN	EYUDA	CPSM	4	Yes	LIKE	Full screen option (OS/2)	YES		EALL	77
FULLSCREEN Input/output valid values	YES, NO									
HILIGHT	EYUDA	CPSM	4	Yes	LIKE	Extended highlight supported	NO			39
HILIGHT Input/output valid values	YES, NO									
HORIZFORM	EYUDA	CPSM	4	Yes	LIKE	BMS is to use horizontal tabbing	NO			40
HORIZFORM Input/output valid values	YES, NO									
IOAREALEN	CHAR	CPSM	8	No	DIFF	I/O buffer length	0	0-32767		41
IOAREALENALT	CHAR	CPSM	8	No	DIFF	Alternate I/O buffer length	0	0-32767		42
KATAKANA	EYUDA	CPSM	4	Yes	LIKE	Katakana feature	NO			43
KATAKANA Input/output valid values	YES, NO									
LDCLIST	CHAR	CPSM	8	No	DIFF	Name of logical device code list				44
LIGHTPEN	EYUDA	CPSM	4	Yes	LIKE	Selector pen feature	NO			45
LIGHTPEN Input/output valid values	YES, NO									
LOGMODE	CHAR	CPSM	8	No	DIFF	Logmode name				46
LOGONMSG	EYUDA	CPSM	4	Yes	LIKE	Good Morning transaction autoinitiation	NO			47
LOGONMSG Input/output valid values	YES, NO									
MSRCONTROL	EYUDA	CPSM	4	Yes	LIKE	Magnetic slot reader supported	NO			48

Table 1058. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
MSRCONTROL Input/output valid values	YES, NO									
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				7
NEPCLASS	CHAR	CPSM	4	No	DIFF	Node error program transaction class	0	0-255		49
OBFORMAT	EYUDA	CPSM	4	Yes	LIKE	Outboard formatting to be used	NO			50
OBFORMAT Input/output valid values	YES, NO									
OOPERID	EYUDA	CPSM	4	Yes	LIKE	Outboard operator ID BMS routing	NO			51
OOPERID Input/output valid values	YES, NO									
OUTLINE	EYUDA	CPSM	4	Yes	LIKE	Device supports field outline	NO			52
OUTLINE Input/output valid values	YES, NO									
PAGESIZECOL	CHAR	CPSM	4	No	DIFF	Page size (number of columns)	0	0-255		53
PAGESIZEROW	CHAR	CPSM	4	No	DIFF	Page size (number of rows)	0	0-255		54
PARTITIONS	EYUDA	CPSM	4	Yes	LIKE	Device uses partitions	YES			55
PARTITIONS Input/output valid values	YES, NO									
PRINTADAPTER	EYUDA	CPSM	4	Yes	LIKE	Printer adapter feature	NO			56
PRINTADAPTER Input/output valid values	YES, NO									
PROGSYMBOLS	EYUDA	CPSM	4	Yes	LIKE	Programmed symbols can be used	NO			57
PROGSYMBOLS Input/output valid values	YES, NO									
QUERY	EYUDA	CPSM	4	Yes	LIKE	Query structured field to be used	NO			58
QUERY Input/output valid values	NO, COLD, ALL									
RECEIVESIZE	CHAR	CPSM	8	No	DIFF	Maximum size of request unit	256	0-30720		59
RECOVNOTIFY	EYUDA	CPSM	4	Yes	LIKE	XRF recovery notification option	NONE			60
RECOVNOTIFY Input/output valid values	NONE, MESSAGE, TRANSACTION									
RECOVOPTION	EYUDA	CPSM	4	Yes	LIKE	Session recovery option	SYSDEFAULT			61
RECOVOPTION Input/output valid values	SYSDEFAULT, CLEARCONV, RELEASESESS, UNCONDREL, NONE									
RELREQ	EYUDA	CPSM	4	Yes	LIKE	Honor release requests	NO			62
RELREQ Input/output valid values	YES, NO									
ROUTEDMSGGS	EYUDA	CPSM	4	Yes	LIKE	Messages routed to terminal support				63
ROUTEDMSGGS Input/output valid values	ALL, NONE, SPECIFIC									
RSTSIGNOFF	EYUDA	CPSM	4	Yes	LIKE	Sign-on characteristics	NOFORCE			90

Table 1058. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
RSTSIGNOFF Input/output valid values	NOFORCE, FORCE									
SENDSIZE	CHAR	CPSM	8	No	DIFF	Maximum send size	0	0-30720		64
SESSIONTYPE	CHAR	CPSM	8	No	DIFF	Type of session				65
SHIPPABLE	EYUDA	CPSM	4	Yes	LIKE	Definition shipped to a remote system	NO			66
SHIPPABLE Input/output valid values	NO, YES									
SIGNOFF	EYUDA	CPSM	4	Yes	LIKE	Automatic timeout	YES			67
SIGNOFF Input/output valid values	YES, NO, LOGOFF									
SOSI	EYUDA	CPSM	4	Yes	LIKE	Mixed EBCDIC/DBCS supported	NO			68
SOSI Input/output valid values	YES, NO									
TERMMODEL	CHAR	CPSM	4	No	DIFF	Terminal model number	1	1-2		83
TEXTKYBD	EYUDA	CPSM	4	Yes	LIKE	Text-keyboard feature	NO			69
TEXTKYBD Input/output valid values	YES, NO									
TEXTPRINT	EYUDA	CPSM	4	Yes	LIKE	Text-print feature	NO			70
TEXTPRINT Input/output valid values	YES, NO									
TTI	EYUDA	CPSM	4	Yes	LIKE	Transactions started via user	YES			71
TTI Input/output valid values	YES, NO									
UCTRAN	EYUDA	CPSM	4	Yes	LIKE	Input translated to uppercase	NO			72
UCTRAN Input/output valid values	YES, NO, TRANID									
USERAREALEN	CHAR	CPSM	4	No	DIFF	User area length	0	0-255		76
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				85
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				86
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				87
VALIDATION	EYUDA	CPSM	4	Yes	LIKE	Device supports extended validation	NO			73
VALIDATION Input/output valid values	YES, NO									
VERTICALFORM	EYUDA	CPSM	4	Yes	LIKE	BMS to use vertical tabbing	NO			74
VERTICALFORM Input/output valid values	YES, NO									
WRKSTATIONSU	CHAR	CPSM	8	No	DIFF	Workstation setup (OS/2)			EALL	81
XRFSIGNOFF	EYUDA	CPSM	4	No	LIKE	Replaced by RSTSIGNOFF. XRFSIGNOFF can be used in compatibility mode	NOFORCE		E620+	75
XRFSIGNOFF Input/output valid values	NOFORCE, FORCE									



## Chapter 436. UOWDSNF Resource Table

A CICS Resource that describes a shunted unit of work due to a failed data set in an active system running the CICS TS for z/OS and being managed by CICSplex SM.

The **Primary** key field for this resource class is UOWID.

The **Secondary** key field for this resource class is DSNAME.

There are no object specific actions for this resource class.

### External resource name

CICSUOWShuntedAndHoldingLocks

### Length

104

### Usage

API or WUI or CICS Management Client Interface

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0084

Table 1059. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 1060. UOWDSNF resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
CAUSE	CVDAS	INQ			4	LIKE	Failed component which caused this failure	3
CAUSE Output valid values	CACHE, RLSSERVER, CONNECTION, DATASET, UNDEFINED							
<b>DSNAME-2</b>	CHAR	INQ			44	DIFF	Data set name with retained locks	2
NETNAME	CHAR	INQ			8	DIFF	Netname of remote system where connection lost	7
REASON	CVDAS	INQ			4	LIKE	Specific reason for error	6
REASON Output valid values	RLSGONE, COMMITFAIL, IOERROR, FAILEDBKOUT, DATASETFULL, DEADLOCK, INDEXRECFULL, OPENERORR, DELEXITERROR, BACKUPNONBWO, NOTAPPLIC, LCKSTRUCFULL, INDOUBT, RRINDOUBT, RRCOMMITFAIL							

Table 1060. UOWDSNF resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
RLSACCESS	CVDAS	INQ			4	LIKE	Mode in which data set last opened	4
RLSACCESS Output valid values	RLS, NOTRLS							
SYSID	CHAR	INQ			4	DIFF	Name of remote system where connection lost	5
<b>UOWID-1</b>	HEX	INQ			16	MIN	Unit of work (UOW) ID	1

## Chapter 437. UOWENQ Resource Table

A CICS Resource that describes an enqueue held by a unit of work in an active system running the CICS TS for z/OS and being managed by CICSplex SM.

The **Primary** key field for this resource class is UOWID.

The **Secondary** key field for this resource class is RESOURCE.

There are no object specific actions for this resource class.

**External resource name**

CICSUOWEnqueue

**Length**

608

**Usage**

API or WUI or CICS Management Client Interface

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0080

<i>Table 1061. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A

<i>Table 1062. UOWENQ resource table attributes</i>								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
ENQADDRESS	HEX	INQ			4	MIN	Address of EXEC enqueue argument	14
ENQFAILS	BINARY	INQ			4	AVG	Number of enqueue failures since last acquire	7
ENQSCOPE	CHAR	INQ			4	DIFF	ENQ scope name	13
NETUOWID	HEX	INQ			27	MIN	Network-wide LU6.2 unit of work (UOW) id	12
QUALIFIER	CHAR	INQ			255	DIFF	Resource name qualifier	11
QUALLEN	BINARY	INQ			2	AVG	Length of resource qualifier (bytes)	8

Table 1062. UOWENQ resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
RELATION	CVDAS	INQ			4	LIKE	Owner or task waiting	6
RELATION Output valid values	OWNER, WAITER							
RESLEN	BINARY	INQ			2	AVG	Length of resource name (bytes)	9
<b>RESOURCE-2</b>	CHAR	INQ			255	DIFF	Resource name	10
STATE	CVDAS	INQ			4	LIKE	Enqueue type	4
STATE Output valid values	ACTIVE, RETAINED							
TASKID	DECIMAL	INQ			4	AVG	Task number associated with UOW	3
TRANSID	CHAR	INQ			4	DIFF	Transaction ID associated with UOW	2
TYPE	CVDAS	INQ			4	LIKE	Resource type	5
TYPE Output valid values	DATASET, EXECENQ, EXECENQADDR, FILE, TDQUEUE, TSQUEUE							
<b>UOWID-1</b>	HEX	INQ			16	MIN	Unit of work (UOW) ID	1

## Chapter 438. UOWLINK Resource Table

A CICS Resource that describes a connection used by a unit of work in an active system running the CICS TS for z/OS and being managed by CICSplex SM.

The **Primary** key field for this resource class is LINK.

The following actions are supported:

### DELETE

Delete the UOW link.

The DELETE action requires no unique parameter data.

### External resource name

CICSUOWLink

### Length

520

### Usage

API or WUI or CICS Management Client Interface

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0081

Table 1063. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DELETE	None	N/A

Table 1064. UOWLINK resource table attributes									
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		

Table 1064. UOWLINK resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
BRANCHQUAL	HEX	INQ	UOWLINK	BRANCHQUAL	64	DIFF	XID Branch Qualifier	E640 E650 E660 E670 E680	16
HOST	CHAR	INQ	UOWLINK	HOST	255	DIFF	TCP/IP host address		12
LINK-1	HEX	INQ			4	MIN	Link token		1
LINKNAME	CHAR	INQ	UOWLINK	LINK	8	DIFF	Netname of remote system, global user exit name or JVM server name		3
NETUOWID	HEX	INQ	UOWLINK	NETUOWID	27	MIN	Network-wide LU 6.2 name of UOW		10
PORT	BINARY	INQ			4	DIFF	TCP/IP port number	E640 E650 E660 E670 E680	15
PROTOCOL	CVDAS	INQ	UOWLINK	PROTOCOL	4	LIKE	Link protocol		9
PROTOCOL Output valid values	APPC, IRC, LU61, RRMS, IPIC, OTS, NOTAPPLIC								
RESYNCSTATUS	CVDAS	INQ	UOWLINK	RESYNCSTATUS	4	LIKE	Resynchronization status		8
RESYNCSTATUS Output valid values	COLD, OK, STARTING, UNAVAILABLE, UNCONNECTED, NOTAPPLIC								
RMIQFY	CHAR	INQ	UOWLINK	RMIQFY	8	DIFF	Entry qualifier of task related user exit		6
ROLE	CVDAS	INQ	UOWLINK	ROLE	4	LIKE	Role of connection		7
ROLE Output valid values	COORDINATOR, SUBORDINATE, UNKNOWN								
RRMSURID	CHAR	CMF	UOWLINK	URID	32	DIFF	RRMS Unit of recoverable work ID		11
SYSID	CHAR	INQ	UOWLINK	SYSID	4	DIFF	Name of remote system		5
TYPE	CVDAS	INQ	UOWLINK	TYPE	4	LIKE	Resource type		4
TYPE Output valid values	CONNECTION, RMI, CFTABLE, IPCONN, JVMSERVER								
UOWID	HEX	INQ	UOWLINK	UOW	16	MIN	Unit of work (UOW) ID		2
XID	HEX	INQ	UOWLINK	XID	64	DIFF	XID Global Transaction Identifier	E640	13

## Chapter 439. UOW Resource Table

A CICS Resource that describes a unit of work in an active system running the CICS TS for z/OS and being managed by CICSplex SM.

The **Primary** key field for this resource class is UOWID.

The following actions are supported for units of work that are shunted indoubt:

### BACKOUT

Perform syncpoint backout processing.

### COMMIT

Perform syncpoint commit processing.

### FORCE

Force UOW to backout or commit.

These actions require no unique parameter data.

### External resource name

CICSUOW

### Length

248

### Usage

API or WUI or CICS Management Client Interface

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0079

<i>Table 1065. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	FORCE	None	N/A
	BACKOUT	None	N/A
	COMMIT	None	N/A

Table 1066. UOW resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	
AGE	BINARY	INQ	UOW	AGE	4	AVG	No	Time in current wait state (seconds)	5
LINK	CHAR	INQ	UOW	LINK	8	DIFF	No	Netname of remote system that caused wait	12
NETNAME	CHAR	INQ	UOW	NETNAME	8	DIFF	No	Netname of link causing UOW wait/shunt	6
NETUOWID	HEX	INQ	UOW	NETUOWID	27	MIN	No	LU 6.2 network-wide name for UOW	13
OTSTID	CHAR	INQ	UOW	OTSTID	128	DIFF	No	Object transaction service (OTS) transaction ID	14
SYSID	CHAR	INQ	UOW	SYSID	4	DIFF	No	System ID of connection that caused wait	7
TASKID	DECIMAL	INQ	UOW	TASKID	4	AVG	No	Task originally associated with UOW	10
TERMINID	CHAR	INQ	UOW	TERMINID	4	DIFF	No	Terminal from which this UOW was started	8
TRANSID	CHAR	INQ	UOW	TRANSID	4	DIFF	No	Transaction that started UOW	9
<b>UOWID-1</b>	HEX	INQ	UOW	UOW	16	MIN	No	Local unit of work (UOW) ID	1
UOWSTATE	CVDAS	INQ	UOW	UOWSTATE	4	LIKE	Yes	UOW status	2
UOWSTATE Input/output valid values	BACKOUT, COMMIT, FORCE								
UOWSTATE Output valid values	INDOUBT, INFLIGHT, HEURCOMMIT, HEURBACKOUT, FORCE								
USERID	CHAR	INQ	UOW	USERID	8	DIFF	No	User that started transaction	11
WAITCAUSE	CVDAS	INQ	UOW	WAITCAUSE	4	LIKE	No	Cause of wait	4
WAITCAUSE Output valid values	NOTAPPLIC, CONNECTION, DATASET, WAITCOMMIT, WAITFORGET, RLSSERVER, WAITRMI, WAITRRMS								
WAITSTATE	CVDAS	INQ	UOW	WAITSTATE	4	LIKE	No	Wait status	3
WAITSTATE Output valid values	ACTIVE, SHUNTED, WAITING								



## Chapter 440. URIINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a universal resource identifier map definition (URIMPDEF) in a resource group (RESGROUP). A URIMPDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is URIGROUP.

The **Secondary** key field for this resource class is URINAME.

The **Tertiary** key field for this resource class is URIVER.

**External resource name**

**Length**

56

**Usage**

API or Batch Utility or WUI

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt6178

*Table 1067. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

*Table 1068. URIINGRP FEEDBACK error codes*

Value	Code	Description
1	URIINGRP_INV_DATA	Attribute data invalid
2	URIINGRP_REC_NOT_FOUND	Requested resource not found
4	URIINGRP_REC_EXISTS	Resource already exists
6	URIINGRP_INV_RESTYPE	Invalid resource type
7	URIINGRP_INV_VER	Invalid resource version
11	URIINGRP_NON_MP	Maintenance point CMAS not available
12	URIINGRP_INV_CONTEXT	Context not found

Table 1068. URIINGRP FEEDBACK error codes (continued)

Value	Code	Description
21	URIINGRP_INCONSISTENT_SET	Inconsistent set
22	URIINGRP_DIFF_VERSION	Different version
23	URIINGRP_INV_NAME	Invalid name
24	URIINGRP_INV_MINNAME	Invalid minor name

Table 1069. URIINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>URIGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>URINAME-2</b>	CHAR	CPSM	8	Yes	DIFF	URIMAP definition name	6
<b>URIVER-3</b>	BINARY	CPSM	1	Yes	AVG	URIMAP definition version	7

## Chapter 441. URIMAP Resource Table

A CICS resource that describes the universal resource identifier (URI) of requests from web clients or requests to a remote server.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

**ENABLE**

Enable access to the URIMAP definition by programs.

**DISABLE**

Disable program access to the URIMAP definition. A URIMAP definition has to be disabled before it can be reinstalled or discarded.

**DISCARD**

Remove a URIMAP definition from the system.

**External resource name**

CICSURIMap

**Length**

1616

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0162

<i>Table 1070. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		None	N/A
SET		None	N/A
PERFORM SET	ENABLE	None	N/A
	DISABLE	None	N/A
	DISCARD	None	N/A

Table 1071. URIMAP resource table attributes											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			
ANALYZERSTAT	CVDAS	INQ	URIMAP	ANALYZERSTAT	4	LIKE	No	Use an analyzer program to process HTTP request			13
ANALYZERSTAT Output valid values	ANALYZER, NOANALYZER										
APPLICATION	CHAR	INQ	URIMAP	REDIRECTTYPE	64	DIF F	No	Application Name		E640 E650 E660 E670 E680	52
APPLMAJORVER	BINARY	INQ	URIMAP	APPLMAJORVER	4	MAX	No	Major Version		E640 E650 E660 E670 E680	55
APPLMICROVER	BINARY	INQ	URIMAP	APPLMICROVER	4	MAX	No	Micro Version		E640 E650 E660 E670 E680	57
APPLMINORVER	BINARY	INQ	URIMAP	APPLMINORVER	4	MAX	No	Minor Version		E640 E650 E660 E670 E680	56
ATOMSERVICE	CHAR	CPSM	URIMAP	REDIRECTTYPE	8	DIF F	No	Atomservice that will process the request.		E640 E650	44
AUTHENTICATE	CVDAS	INQ	URIMAP	REDIRECTTYPE	4	LIKE	No	Authentication level		E640 E650	46
AUTHENTICATE Output valid values	BASICAUTH, NOAUTHENTIC										
AVAILSTATUS	CVDAS	INQ			4	LIKE	No	Availability status		E640 E650 E660 E670 E680	58
AVAILSTATUS Output valid values	AVAILABLE, UNAVAILABLE, NONE										
BASDEFINER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	39
CERTIFICATE	CHAR	INQ	URIMAP	CERTIFICATE	32	DIF F	No	SSL client certificate for outbound HTTPS request			20
CHANGEAGENT	CVDAS	INQ	URIMAP	REDIRECTTYPE	4	LIKE	No	Last modification agent		E640 E650	31
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, DYNAMIC, CREATESPI, NOTAPPLIC, SYSTEM										
CHANGEAGREL	CHAR	INQ	URIMAP	REDIRECTTYPE	4	DIF F	No	Last modification agent release		E640 E650	32
CHANGETIME	DATETIME	INQ	URIMAP	REDIRECTTYPE	8	MAX	No	Last modification time		E640 E650	34
CHANGEUSRID	CHAR	INQ	URIMAP	REDIRECTTYPE	8	DIF F	No	Last modification user ID		E640 E650	30

Table 1071. URIMAP resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
CHARACTERSET	CHAR	INQ	URIMAP	CHARACTERSET	40	DIF F	No	Character set of CICS response to the HTTP request			8
CIPHERS	CHAR	INQ	URIMAP	CIPHERS	56	DIF F	No	SSL cipher suite codes			21
CONVERTER	CHAR	INQ	URIMAP	CONVERTER	8	DIF F	No	Converter program to process request content			14
DEFINESOURCE	CHAR	INQ	URIMAP	REDIRECTTYPE	8	DIF F	No	Source of the resource definition		E640 E650	35
DEFINETIME	DATETIME	INQ	URIMAP	REDIRECTTYPE	8	MAX	No	Creation time		E640 E650	36
ENABLESTATUS	CVDAS	INQ	URIMAP	ENABLESTATUS	4	LIK E	Yes	Status			2
ENABLESTATUS Input/output valid values	ENABLED, DISABLED										
ENABLESTATUS Output valid values	DISABLEDHOST										
HFSFILE	CHAR	INQ	URIMAP	HFSFILE	255	DIF F	No	Qualified zFS file to form the static response			11
HOST	CHAR	INQ	URIMAP	HOST	116	DIF F	No	Host component of the URI			5
HOSTCODEPAGE	CHAR	INQ	URIMAP	HOSTCODEPAGE	10	DIF F	No	Code page in which the static response is encoded			9
HOSTTYPE	CVDAS	INQ	URIMAP	REDIRECTTYPE	4	LIK E	No	The format of the host name or address		E640 E650	42
HOSTTYPE Output valid values	HOSTNAME, IPV4, IPV6, NOTAPPLIC										
INSTALLAGENT	CVDAS	INQ	URIMAP	REDIRECTTYPE	4	LIK E	No	Installation agent		E640 E650	33
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, DYNAMIC, GRPLIST, BUNDLE										
INSTALLTIME	DATETIME	INQ	URIMAP	REDIRECTTYPE	8	MAX	No	Installation time		E640 E650	38
INSTALLUSRID	CHAR	INQ	URIMAP	REDIRECTTYPE	8	DIF F	No	Installation user ID		E640 E650	37
IPFAMILY	CVDAS	INQ	URIMAP	REDIRECTTYPE	4	LIK E	No	The format of the resolved IP address		E640 E650	41
IPFAMILY Output valid values	IPV4, IPV6, UNKNOWN										
IPRESOLVED	CHAR	INQ	URIMAP	REDIRECTTYPE	39	DIF F	No	The resolved IP address of this URIMAP		E640 E650	40
LOCATION	CHAR	INQ	URIMAP	LOCATION	255	DIF F	Yes	URI to which to redirect the inbound HTTP request			22
MAPREFCOUNT	BINARY	STAT	DFHWBRDS	WBR_URIMAP_REFERENCE_COUNT	4	AVG	No	URI map reference count			24
MATCHDISABLD	BINARY	STAT			4	AVG	No	URI map host or path disabled			25
MATCHREDIREC	BINARY	STAT			4	AVG	No	URI map host or path redirect			26

Table 1071. URIMAP resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
MEDIATYPE	CHAR	INQ	URIMAP	MEDIATYPE	56	DIF F	No	Media type of CICS response to the HTTP request			7
NAME-1	CHAR	INQ	URIMAP	URIMAP	8	DIF F	No	Name			1
NUMCIPHERS	BINARY	INQ	URIMAP	NUMCIPHERS	2	LIK E	No	Number of SSL cipher suite codes			27
OPERATION	CHAR	INQ	URIMAP	REDIRECTTYPE	64	DIF F	No	Operation Name		E640 E650 E660 E670 E680	54
PATH	CHAR	INQ	URIMAP	PATH	255	DIF F	No	Path component of URI to which the map applies			6
PIPELINE	CHAR	INQ	URIMAP	PIPELINE	8	DIF F	No	Pipeline that will process the request			17
PLATFORM	CHAR	INQ	URIMAP	REDIRECTTYPE	64	DIF F	No	Platform Name		E640 E650 E660 E670 E680	53
PORT	BINARY	INQ	URIMAP	REDIRECTTYPE	4	DIF F	No	Port number for USAGE(CLIENT)		E640 E650	43
PROGRAM	CHAR	INQ	URIMAP	PROGRAM	8	DIF F	No	Application program that will process the request			16
REDIRECTTYPE	CV DAS	INQ	URIMAP	REDIRECTTYPE	4	LIK E	Yes	Type of redirection			29
REDIRECTTYPE Input/output valid values	NONE, TEMPORARY, PERMANENT										
SCHEME	CV DAS	INQ	URIMAP	SCHEME	4	LIK E	No	Scheme component of URI to which the map applies			4
SCHEME Output valid values	HTTP, HTTPS										
SOCKETCLOSE	BINARY	INQ	URIMAP	REDIRECTTYPE	4	DIF F	No	Time out for pooled sockets (secs)		E640 E650 E660	47
SOCKPLSZPEAK	BINARY	STAT	DFHWBRDS	WBR_URIMAP_SOCKETPOOLSIZE_PEAK	4	MAX	No	Peak number of pooled sockets			49
SOCKPOOLSIZE	BINARY	INQ	URIMAP	REDIRECTTYPE	4	DIF F	No	Number of pooled sockets		E640 E650 E660	48
SOCKRECLAIMD	BINARY	STAT	DFHWBRDS	WBR_URIMAP_SOCKETS_RECLAIMED	4	MAX	No	Number of reclaimed sockets			50
SOCKTIMEDOUT	BINARY	STAT	DFHWBRDS	WBR_URIMAP_SOCKETS_TIMEDOUT	4	MAX	No	Number of timed out sockets			51
TCPIPSERVICE	CHAR	INQ	URIMAP	TCPIPSERVICE	8	DIF F	No	Inbound TCP/IP service relating to this URI map			12
TEMPLATENAME	CHAR	INQ	URIMAP	TEMPLATENAME	48	DIF F	No	Document template to form the static response			10

Table 1071. URIMAP resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
TRANSACTION	CHAR	INQ	URIMAP	TRANSACTION	4	DIFF	No	Alias transaction to run application for response			15
USAGE	CVDAS	INQ	URIMAP	USAGE	4	LIKE	No	URI map usage			3
USAGE Output valid values	SERVER, CLIENT, PIPELINE, ATOM, JVMSERVER										
USERID	CHAR	INQ	URIMAP	USERID	8	DIFF	No	User ID to attach the alias transaction			19
WEBSERVICE	CHAR	INQ	URIMAP	WEBSERVICE	32	DIFF	No	Web service that will process the request			18





## Chapter 442. URIMPDEF Resource Table

A CICS definition that describes the universal resource identifier (URI) of requests from web clients or requests to a remote server.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a Connection Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### ADDTGRP

Add to resource group

PARM(' [ERRQUEUE] RESGROUP(*value*) .')

**Note:** When creating this resource you should consider specifying the HOST attribute in lower case as CICS will convert this attribute name to lower case at install time. If you have not used a lower case name, you may subsequently have difficulty finding your host.

### External resource name

CICSDefinitionURIMap

### Length

1392

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3833

Table 1072. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No

<i>Table 1072. Valid CPSM operations (continued)</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
CREATE		CSD	No
		RESGROUP(value)	No
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

<i>Table 1073. URIMPDEF FEEDBACK error codes</i>		
<b>Value</b>	<b>Code</b>	<b>Description</b>
1	URIMPDEF_INV_DATA	Attribute data invalid
2	URIMPDEF_REC_NOT_FOUND	Requested resource not found
4	URIMPDEF_REC_EXISTS	Resource already exists
5	URIMPDEF_REC_CHANGED	Resource definition already changed
6	URIMPDEF_INV_RESTYPE	Invalid resource type
7	URIMPDEF_INV_VER	Invalid resource version
11	URIMPDEF_NON_MP	Maintenance point CMAS not available
12	URIMPDEF_INV_CONTEXT	Context not found
13	URIMPDEF_INCONSISTENT_SET	Inconsistent set condition
14	URIMPDEF_INV_RESGROUP	Resource group not found
21	URIMPDEF_INV_ACTION	Invalid action
22	URIMPDEF_INV_RECADDR	Invalid record address

Table 1073. URIMPDEF FEEDBACK error codes (continued)

<b>Value</b>	<b>Code</b>	<b>Description</b>
23	URIMPDEF_INV_RECLEN	Invalid record length
24	URIMPDEF_DIFF_VERSION	Different version
25	URIMPDEF_EARLY_NAMELIST_END	Early name list end
26	URIMPDEF_INV_NAMELIST	Invalid name list
27	URIMPDEF_INV_NAME	Invalid name
28	URIMPDEF_INV_MINNAME	Invalid minor name
29	URIMPDEF_NOTIFY	Notify
30	URIMPDEF_PARTIAL_INSTALL	Partial install
31	URIMPDEF_NOTHING_INSTALLED	Nothing installed
32	URIMPDEF_NO_TARGETS	No targets
33	URIMPDEF_NO_RELATED	No related systems
34	URIMPDEF_INV_TSCOPE	Invalid target scope
35	URIMPDEF_INV_RSCOPE	Invalid related scope
36	URIMPDEF_INV_USAGE	Invalid usage
37	URIMPDEF_INV_MODE	Invalid mode
38	URIMPDEF_INV_STATECHK	Invalid state check
39	URIMPDEF_INV_FORCEINS	Invalid force install
40	URIMPDEF_INV_NOTIFY	Invalid notify
41	URIMPDEF_INV_OVERTYPE	Invalid over type
42	URIMPDEF_INV_OVRBLOCK	Invalid override block
43	URIMPDEF_INV_ORSTRING	Invalid override string
44	URIMPDEF_INV_STRNGTERM	Invalid string term
45	URIMPDEF_INV_EMBEDTERM	Invalid embedded terminator
46	URIMPDEF_INV_ATTRIBUTE	Invalid attribute
47	URIMPDEF_INV_LITERAL	Invalid literal
48	URIMPDEF_INV_ORSTGNA	Invalid override string
49	URIMPDEF_SCOPE_REQUIRED	Scope required
50	URIMPDEF_USAGE_CONFLICT	Usage conflict
51	URIMPDEF_NODEFS_SELECTED	No definitions selected
52	URIMPDEF_MORE_THAN_1_RELSYS	More than one related system
53	URIMPDEF_MISSING_RELSYSID	Missing related system identifier
54	URIMPDEF_SCOPE_CONFLICT	Scope conflict
55	URIMPDEF_INV_CSDGROUP	Invalid CSD group
56	URIMPDEF_REC_NOT_REMOVED	Record not removed

Table 1073. URIMPDEF FEEDBACK error codes (continued)

Value	Code	Description
57	URIMPDEF_INV_RESOURCE	Invalid resource
58	URIMPDEF_INV_CICS_RESTYPE	Invalid CICS restype
59	URIMPDEF_PARTIAL_ACTION	Partial action
60	URIMPDEF_NOTHING_ACTIONED	Nothing actioned
61	URIMPDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	URIMPDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	URIMPDEF_CSD_ERROR	CSD access error
64	URIMPDEF_INVALID_PATH	Invalid PATH for USAGE(CLIENT).

Table 1074. URIMPDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
ANALYZER	EYUDA	CPSM	4	No	LIKE	Use an analyzer program to process HTTP request	NO			26
ANALYZER Input/output valid values	NO, YES									
ATOMSERVICE	CHAR	CPSM	8	No	AVG	Atomservice that will process the request.			E640 E650	44
AUTHENTICATE	EYUDA	CPSM	4	Yes	LIKE	Authentication level	N_A		E640 E650	45
AUTHENTICATE Input/output valid values	N_A, NO, BASIC									
CERTIFICATE	CHAR	CPSM	32	No	DIFF	SSL client certificate for outbound HTTPS request				33
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	39
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	41
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	40
CHARACTERSET	CHAR	CPSM	40	No	DIFF	Character set of CICS response to the HTTP request				21
CIPHERS	CHAR	CPSM	56	No	DIFF	Cipher suite codes to be used for outbound SSL				34
CONVERTER	CHAR	CPSM	8	No	DIFF	Converter program to process request content				27
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				9
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	46
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		38
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				13

Table 1074. URIMPDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
HFSFILE	CHAR	CPSM	255	No	DIFF	Qualified zFS file to form the static response				24
HOST	CHAR	CPSM	116	Yes	DIFF	Host component of URI to which the map applies				18
HOSTCODEPAGE	CHAR	CPSM	10	No	DIFF	Code page in which the static response is encoded				22
LOCATION	CHAR	CPSM	255	No	DIFF	URI to which to redirect the inbound HTTP request				35
MEDIATYPE	CHAR	CPSM	56	No	DIFF	Media type of CICS response to the HTTP request				20
NAME-1	CHAR	CPSM	8	Yes	DIFF	Name				7
PATH	CHAR	CPSM	255	Yes	DIFF	Path component of URI to which the map applies				19
PIPELINE	CHAR	CPSM	8	No	DIFF	Pipeline that will process the request				30
PORT	CHAR	CPSM	8	No	DIFF	Port number	NO	1-65535	E640 E650	43
PORT Input/output valid values	NO									
PROGRAM	CHAR	CPSM	8	No	DIFF	Application program that will process the request				29
REDIRECTTYPE	CVDAS	CPSM	4	Yes	LIKE	Type of redirection	NONE			37
REDIRECTTYPE Input/output valid values	NONE, TEMPORARY, PERMANENT									
SCHEME	CVDAS	CPSM	4	Yes	LIKE	Scheme component of URI to which the map applies	HTTP			17
SCHEME Input/output valid values	HTTP, HTTPS									
SOCKETCLOSE	CHAR	CPSM	6	No	DIFF	Time out for pooled sockets (HHMMSS)			E640 E650 E660	47
STATUS	CVDAS	CPSM	4	Yes	LIKE	Enabled status	ENABLED			15
STATUS Input/output valid values	ENABLED, DISABLED									
TCIPSERVICE	CHAR	CPSM	8	No	DIFF	Inbound TCP/IP service relating to this URI map				25
TEMPLATENAME	CHAR	CPSM	48	No	DIFF	Document template to form the static response				23
TRANSACTION	CHAR	CPSM	4	No	DIFF	Alias transaction to run application for response				28
USAGE	CVDAS	CPSM	4	Yes	LIKE	URI map usage type	SERVER			16
USAGE Input/output valid values	SERVER, CLIENT, PIPELINE, ATOM, JVMSERVER									
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				10
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				12
USERID	CHAR	CPSM	8	No	DIFF	The user ID to attach the alias transaction				32
WEBSERVICE	CHAR	CPSM	32	No	DIFF	Web service that will process the request				31



## Chapter 443. URIMPGBL Resource Table

A CICS resource, with no key, that describes the global statistics returned by CICS extract statistics for the URIMAP resource.

**External resource name**

CICSGlobalURIMapStatistics

**Length**

72

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0166

Table 1075. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A

Table 1076. URIMPGBL resource table attributes									
Name	Datatype	Source	CICS Source	CICS Field	Le n	Sum	Description	Get Invali d	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name		
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release		
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved		
DRCTATTCOUNT	BINARY	STAT	DFHWBGDS	WBG_URIMAP_D IRECT_ATTACH	4	SUM	Direct attach count	E640 E650 E660 E670 E680 E690	16
DYNAMCONTENT	BINARY	STAT	DFHWBGDS	WBG_URIMAP_D YNAMIC_CONTE NT	4	SUM	URI map dynamic content		8
EPREFCOUNT	BINARY	STAT	DFHWBGDS	WBG_URIMAP_E NTRYPOINT_REF	4	SUM	Entry point reference count	E640 E650 E660 E670 E680	15
HOSTDISABLED	BINARY	STAT	DFHWBGDS	WBG_HOST_DIS ABLED_COUNT	4	SUM	Host disabled count		13

Table 1076. URIMPGBL resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Get Invalid	Attr ID
MAPREFCOUNT	BINARY	STAT	DFHWBGDS	WBG_URIMAP_REFERENCE_COUNT	4	SUM	URI map reference count		1
MATCHANALYZE	BINARY	STAT	DFHWBGDS	WBG_URIMAP_MATCH_ANALYZER	4	SUM	URI map host or path match analyzer		6
MATCHCOUNT	BINARY	STAT	DFHWBGDS	WBG_URIMAP_MATCH_COUNT	4	SUM	URI map host or path match count		4
MATCHDISABLD	BINARY	STAT	DFHWBGDS	WBG_URIMAP_MATCH_DISABLED	4	SUM	URI map host or path disabled		2
MATCHREDIREC	BINARY	STAT	DFHWBGDS	WBG_URIMAP_MATCH_REDIRECT	4	SUM	URI map host or path redirect		5
NOMATCHCOUNT	BINARY	STAT	DFHWBGDS	WBG_URIMAP_NO_MATCH_COUNT	4	SUM	URI map host or path no match count		3
PIPELINEREQS	BINARY	STAT	DFHWBGDS	WBG_URIMAP_PIPELINE_REQS	4	SUM	URI map pipeline requests		10
SCHEMEHTTP	BINARY	STAT	DFHWBGDS	WBG_URIMAP_SCHEME_HTTP	4	SUM	URI map SCHEME(HTTP) requests		11
SCHEMEHTTPS	BINARY	STAT	DFHWBGDS	WBG_URIMAP_SCHEME_HTTPS	4	SUM	URI map SCHEME(HTTPS) requests		12
STATICCONTENT	BINARY	STAT	DFHWBGDS	WBG_URIMAP_STATIC_CONTENT	4	SUM	URI map static content		7



## Chapter 444. VOLUME Resource Table

A CICS Resource that describes a tape volume used by a tape journal in an active CICS system being managed by CICSplex SM.

The **Primary** key field for this resource class is VOLUME.

The following actions are supported:

### ADD

Add a volume.

The parameter data for the ADD action is:

```

PARM('VOLSER(volser) JOURNAL(jrn1)
      [AVAILSTAT(cvda)].')

where:

volser = (Required) 6-character volume serial number
jrn1   = (Required) Journal number, from 1 - 99
cvda   = Valid CVDA for the volume availability condition
    
```

### REMOVE

Remove a volume.

### External resource name

#### Length

64

#### Usage

EVALDEF

#### API view

Yes

#### CMAS context

No

#### SCOPE applies

Yes

#### Only query CMASs in workload

No

#### Object type

CICS Resource

#### Copybook identifier

EYUt0016

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	ADD	AVAILSTAT(NOWRITE, OK)	No
		JOURNAL(value)	Yes
		VOLSER(value)	Yes

Table 1077. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
REMOVE		None	N/A

Table 1078. VOLUME resource table attributes

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	No	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	No	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved	
AVAILSTATUS	CVDAS	INQ	VOLUME	AVAILSTATUS	4	LIKE	Yes	Availability status	6
AVAILSTATUS Input/output valid values	OK, NOWRITE								
AVAILSTATUS Output valid values	FINPUT, FOUTPUT, FOPEN, FCLOSE								
DATE	CHAR	INQ	VOLUME	DATE	5	DIFF	No	Date when earliest data written	8
EMPTYSTATUS	CVDAS	INQ	VOLUME	EMPTYSTATUS	4	LIKE	No	Empty status	3
EMPTYSTATUS Output valid values	EMPTY, NOTEMPTY								
JOURNALNUM	BINARY	INQ	VOLUME	JOURNALNUM	2	AVG	Yes	Journal number	2
LONGDATE	CHAR	INQ	VOLUME	LONGDATE	7	DIFF	No	Date with 4-digit year	9
OPENSTATUS	CVDAS	INQ	VOLUME	OPENSTATUS	4	LIKE	No	Open status	5
OPENSTATUS Output valid values	OPEN, CLOSED, OPENING								
PART	BINARY	INQ	VOLUME	PART	4	AVG	No	Sequence number in volume series	4
TIME	CHAR	INQ	VOLUME	TIME	6	DIFF	No	Time when earliest data written	7
<b>VOLUME-1</b>	CHAR	INQ	VOLUME	VOLUME	6	DIFF	No	Volume serial number	1

## Chapter 445. WEBINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of a web services definition (WEBSVDEF) in a resource group (RESGROUP). A WEBSVDEF can be a member of multiple RESGROUPs.

The **Primary** key field for this resource class is WEBGROUP.

The **Secondary** key field for this resource class is WEBNAME.

The **Tertiary** key field for this resource class is WEBVER.

There are no object specific actions for this resource class.

### External resource name

#### Length

56

#### Usage

API or Batch Utility or WUI

#### API view

No

#### CMAS context

No

#### SCOPE applies

No

#### Only query CMASs in workload

No

#### Object type

CICSplex SM Definition

#### Copybook identifier

EYUt6180

<i>Table 1079. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

<i>Table 1080. WEBINGRP FEEDBACK error codes</i>		
Value	Code	Description
1	WEBINGRP_INV_DATA	Attribute data invalid
2	WEBINGRP_REC_NOT_FOUND	Requested resource not found
4	WEBINGRP_REC_EXISTS	Resource already exists
6	WEBINGRP_INV_RESTYPE	Invalid resource type
7	WEBINGRP_INV_VER	Invalid resource version
11	WEBINGRP_NON_MP	Maintenance point CMAS not available

Table 1080. WEBINGRP FEEDBACK error codes (continued)

Value	Code	Description
12	WEBINGRP_INV_CONTEXT	Context not found
21	WEBINGRP_INCONSISTENT_SET	Inconsistent set
22	WEBINGRP_DIFF_VERSION	Different version
23	WEBINGRP_INV_NAME	Invalid name
24	WEBINGRP_INV_MINNAME	Invalid minor name

Table 1081. WEBINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	8
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	9
<b>WEBGROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Resource group name	5
<b>WEBNAME-2</b>	CHAR	CPSM	8	Yes	DIFF	WebService definition name	6
<b>WEBVER-3</b>	BINARY	CPSM	1	Yes	AVG	WebService definition version	7

## Chapter 446. WEBSERV Resource Table

A CICS resource that defines aspects of the runtime environment for a CICS application program deployed as a web service, where the mapping between application data structure and SOAP messages has been generated using CICS-supplied tools.

The **Primary** key field for this resource class is NAME.

**External resource name**

CICSWebService

**Length**

1496

**Usage**

API or WUI or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0165

*Table 1082. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A
PERFORM SET	DISCARD	None	N/A

*Table 1083. WEBSERV resource table attributes*

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			
ARCHIVEFILE	CHAR	INQ			255	DIF F	No	Fully-qualified archive file on zFS		E640 E650 E660	38
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0	E640 E650	37

Table 1083. WEBSERV resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
BINDING	CHAR	INQ	WEBSERVICE	BINDING	255	DIF F	No	The WSDL binding that this web service represents			10
CCSID	BINARY	INQ	WEBSERVICE	CONTAINER	4	LIK E	No	Coded character set ID		E640	17
CHANGEAGENT	CVDAS	INQ	WEBSERVICE	CONTAINER	4	LIK E	No	Last modification agent		E640 E650	29
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI, DREPBATCH, DYNAMIC, CREATESPI, NOTAPPLIC										
CHANGEAGREL	CHAR	INQ	WEBSERVICE	CONTAINER	4	DIF F	No	Last modification agent release		E640 E650	30
CHANGETIME	DATETIME	INQ	WEBSERVICE	CONTAINER	8	MAX	No	Last modification time		E640 E650	32
CHANGEUSRID	CHAR	INQ	WEBSERVICE	CONTAINER	8	DIF F	No	Last modification user ID		E640 E650	27
CONTAINER	CHAR	INQ	WEBSERVICE	CONTAINER	16	DIF F	No	Container used if the program input is CHANNEL			13
DEFINESOURCE	CHAR	INQ	WEBSERVICE	CONTAINER	8	DIF F	No	Source of the resource definition		E640 E650	33
DEFINETIME	DATETIME	INQ	WEBSERVICE	CONTAINER	8	MAX	No	Creation time		E640 E650	34
ENDPOINT	CHAR	INQ	WEBSERVICE	ENDPOINT	255	DIF F	No	The endpoint URI of a remote web service			9
INSTALLAGENT	CVDAS	INQ	WEBSERVICE	CONTAINER	4	LIK E	No	Installation agent		E640 E650	31
INSTALLAGENT Input/output valid values	CSDAPI, CREATESPI, DYNAMIC, GRPLIST, BUNDLE										
INSTALLTIME	DATETIME	INQ	WEBSERVICE	CONTAINER	8	MAX	No	Installation time		E640 E650	36
INSTALLUSRID	CHAR	INQ	WEBSERVICE	CONTAINER	8	DIF F	No	Installation user ID		E640 E650	35
LASTMODTIME	DATETIME	INQ	WEBSERVICE	LASTMODTIME	8	MAX	No	Time the WSBIND file on zFS was last updated			14
MAPPINGLEVEL	CHAR	INQ	WEBSERVICE	CONTAINER	8	DIF F	No	Mapping level used in WSBIND file		E640	18
MAPPINGRNUM	BINARY	INQ	WEBSERVICE	CONTAINER	4	LIK E	No	Mapping release number part of MAPLEVEL		E640	20
MAPPINGVNUM	BINARY	INQ	WEBSERVICE	CONTAINER	4	LIK E	No	Mapping version number part of MAPLEVEL		E640	19
MINRUNLEVEL	CHAR	INQ	WEBSERVICE	CONTAINER	8	DIF F	No	Minimum runtime level required by WSBIND file		E640	21
MINRUNRNUM	BINARY	INQ	WEBSERVICE	CONTAINER	4	LIK E	No	Minimum runtime release number part of MINRUNLVL		E640	23
MINRUNVNUM	BINARY	INQ	WEBSERVICE	CONTAINER	4	LIK E	No	Minimum runtime version number part of MINRUNLVL		E640	22
<b>NAME-1</b>	CHAR	INQ	WEBSERVICE	WEBSERVICE	32	DIF F	No	Name			1
PGMINTERFACE	CVDAS	INQ	WEBSERVICE	PGMINTERFACE	4	LIK E	No	Where the specified program expects input			12

Table 1083. WEBSERV resource table attributes (continued)											
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
PGMINTERFACE Output valid values	CHANNEL, COMMAREA, NOTAPPLIC										
PIPELINE	CHAR	INQ	WEBSERVICE	PIPELINE	8	DIF F	No	Pipeline in which this web service is installed			5
PROGRAM	CHAR	INQ	WEBSERVICE	PROGRAM	8	DIF F	No	Application program to implement this web service			8
STATE	CVDAS	INQ	WEBSERVICE	STATE	4	LIK E	No	Web service status			15
STATE Output valid values	INITING, DISCARDING, INSERVICE, UNUSABLE, UPDATING, DISABLED, DISABLING										
URIMAP	CHAR	INQ	WEBSERVICE	URIMAP	8	DIF F	No	Dynamically installed URI map for this web service			7
VALIDATIONST	CVDAS	INQ	WEBSERVICE	VALIDATIONS T	4	LIK E	Yes	Perform validation of SOAP messages against WSDL	NOVALIDA TION		6
VALIDATIONST Input/ output valid values	VALIDATION, NOVALIDATION										
WEBUSECOUNT	BINARY	STAT	DFHPIWDS	PIW_WEBSER VICE_USE_CO UNT	4	SUM	No	Number of times web service used			16
WSBIND	CHAR	INQ	WEBSERVICE	WSBIND	25 5	DIF F	No	Fully-qualified WSBIND file on zFS			2
WSDLFILE	CHAR	INQ	WEBSERVICE	WSDLFILE	25 5	DIF F	No	Fully-qualified WSDL file on zFS			3
XOPDIRECTST	EYUDA	INQ	WEBSERVICE	CONTAINER	4	LIK E	No	Current web service direct mode XOP status		E640	25
XOPDIRECTST Output valid values	SUPPORTED, NOTSUPPORTED										
XOPSUPPORTST	EYUDA	INQ	WEBSERVICE	CONTAINER	4	LIK E	No	Web service XOP capability		E640	24
XOPSUPPORTST Output valid values	SUPPORTED, NOTSUPPORTED										





## Chapter 447. WEBSVDEF Resource Table

A CICS definition that describes aspects of the run-time environment for a CICS application program deployed in a web services setting, where the mapping between application data structure and SOAP messages has been generated using CICS-supplied tools.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is DEFVER.

The **Tertiary** key field for this resource class is CSDGROUP.

The following actions are supported:

### INSTALL

Install a Connection Definition.

The parameter data for the INSTALL action is described in [Parameters for installing CICS definitions using BAS](#).

### ADDTGRP

Add to resource group

PARM(' [ERRQUEUE] RESGROUP(*value*) .')

### External resource name

CICSDefinitionWebService

### Length

920

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICS Definition

### Copybook identifier

EYUt3835

<i>Table 1084. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		CICSSYS(value)	No
		CSDGROUP(value)	No
		RESGROUP(value)	No
CREATE		CSD	No
		RESGROUP(value)	No

<i>Table 1084. Valid CPSM operations (continued)</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
UPDATE		CSD	No
REMOVE		CSD	No
PERFORM SET	INSTALL	FORCEINS(YES, NO)	No
		MODE(value)	No
		NOTIFY(NO, INACTIVE, RELEASE, FULL)	No
		OVERRIDE	No
		OVERTYPE(TARGET, RELATED, BOTH, NONE)	No
		RELATED(value)	No
		STATECHK(YES, NO)	No
		TARGET(value)	Yes
		USAGE(LOCAL)	Yes
	ADDTGRP	RESGROUP(value)	Yes
	CSDINSTALL	None	N/A
	CSDCOPY	AS_RESOURCE(value)	No
		DUPACTION(DUPERROR, DUPNOREPLACE, DUPREPLACE)	No
		TO_CSDGROUP(value)	No

<i>Table 1085. WEBSVDEF FEEDBACK error codes</i>		
<b>Value</b>	<b>Code</b>	<b>Description</b>
1	WEBSVDEF_INV_DATA	Attribute data invalid
2	WEBSVDEF_REC_NOT_FOUND	Requested resource not found
4	WEBSVDEF_REC_EXISTS	Resource already exists
5	WEBSVDEF_REC_CHANGED	Resource definition already changed
6	WEBSVDEF_INV_RESTYPE	Invalid resource type
7	WEBSVDEF_INV_VER	Invalid resource version
11	WEBSVDEF_NON_MP	Maintenance point CMAS not available
12	WEBSVDEF_INV_CONTEXT	Context not found
13	WEBSVDEF_INCONSISTENT_SET	Inconsistent set condition
14	WEBSVDEF_INV_RESGROUP	Resource group not found
21	WEBSVDEF_INV_ACTION	Invalid action
22	WEBSVDEF_INV_RECADDR	Invalid record address
23	WEBSVDEF_INV_RECLEN	Invalid record length
24	WEBSVDEF_DIFF_VERSION	Different version

Table 1085. WEBSVDEF FEEDBACK error codes (continued)

<b>Value</b>	<b>Code</b>	<b>Description</b>
25	WEBSVDEF_EARLY_NAMELIST_END	Early name list end
26	WEBSVDEF_INV_NAMELIST	Invalid name list
27	WEBSVDEF_INV_NAME	Invalid name
28	WEBSVDEF_INV_MINNAME	Invalid minor name
29	WEBSVDEF_NOTIFY	Notify
30	WEBSVDEF_PARTIAL_INSTALL	Partial install
31	WEBSVDEF_NOTHING_INSTALLED	Nothing installed
32	WEBSVDEF_NO_TARGETS	No targets
33	WEBSVDEF_NO_RELATED	No related systems
34	WEBSVDEF_INV_TSCOPE	Invalid target scope
35	WEBSVDEF_INV_RSCOPE	Invalid related scope
36	WEBSVDEF_INV_USAGE	Invalid usage
37	WEBSVDEF_INV_MODE	Invalid mode
38	WEBSVDEF_INV_STATECHK	Invalid state check
39	WEBSVDEF_INV_FORCEINS	Invalid force install
40	WEBSVDEF_INV_NOTIFY	Invalid notify
41	WEBSVDEF_INV_OVERTYPE	Invalid over type
42	WEBSVDEF_INV_OVRBLOCK	Invalid override block
43	WEBSVDEF_INV_ORSTRING	Invalid override string
44	WEBSVDEF_INV_STRNGTERM	Invalid string term
45	WEBSVDEF_INV_EMBEDTERM	Invalid embedded terminator
46	WEBSVDEF_INV_ATTRIBUTE	Invalid attribute
47	WEBSVDEF_INV_LITERAL	Invalid literal
48	WEBSVDEF_INV_ORSTGNA	Invalid override string
49	WEBSVDEF_SCOPE_REQUIRED	Scope required
50	WEBSVDEF_USAGE_CONFLICT	Usage conflict
51	WEBSVDEF_NODEFS_SELECTED	No definitions selected
52	WEBSVDEF_MORE_THAN_1_RELSYS	More than one related system
53	WEBSVDEF_MISSING_RELSYSID	Missing related system identifier
54	WEBSVDEF_SCOPE_CONFLICT	Scope conflict
55	WEBSVDEF_INV_CSDGROUP	Invalid CSD group
56	WEBSVDEF_REC_NOT_REMOVED	Record not removed
57	WEBSVDEF_INV_RESOURCE	Invalid resource
58	WEBSVDEF_INV_CICS_RESTYPE	Invalid CICS restype

Table 1085. WEBSVDEF FEEDBACK error codes (continued)

Value	Code	Description
59	WEBSVDEF_PARTIAL_ACTION	Partial action
60	WEBSVDEF_NOTHING_ACTIONED	Nothing actioned
61	WEBSVDEF_INV_BOTHTOAS	TO_CSDGROUP and AS_RESOURCE are mutually exclusive
62	WEBSVDEF_INV_NOTTOAS	Either TO_CSDGROUP or AS_RESOURCE is required
63	WEBSVDEF_CSD_ERROR	CSD access error

Table 1086. WEBSVDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Get Invalid	Attr ID
ARCHIVEFILE	CHAR	CPSM	255	No	DIFF	Fully-qualified archive file on zFS			E640 E650 E660	25
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			E640 E650	20
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATCH, DREPAPI									
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			E640 E650	22
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification time				1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			E640 E650	21
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created				9
<b>CSDGROUP-3</b>	CHAR	CPSM	8	Yes	DIFF	CSD group			E640 E650	24
<b>DEFVER-2</b>	BINARY	CPSM	1	Yes	AVG	Version	0	0-15		5
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999		18
DESCRIPTION	CHAR	CPSM	58	No	DIFF	Description				13
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name				7
PIPELINE	CHAR	CPSM	8	Yes	DIFF	Pipeline in which to install this web service				14
USERDATA1	CHAR	CPSM	8	No	DIFF	User data area 1				10
USERDATA2	CHAR	CPSM	8	No	DIFF	User data area 2				11
USERDATA3	CHAR	CPSM	8	No	DIFF	User data area 3				12
VALIDATION	EYUDA	CPSM	4	No	LIKE	Perform validation of SOAP messages against WSDL	NO			17
VALIDATION Input/output valid values	NO, YES									
WSBIND	CHAR	CPSM	255	Yes	DIFF	Fully-qualified WSBIND file on zFS				15
WSDLFILE	CHAR	CPSM	255	No	DIFF	Fully-qualified WSDL file on zFS				16

# Chapter 448. WLMAROUT Resource Table

A CICSplex SM Workload Manager object that describes a CICS router region in an active workload. WLMAROUT returns a router status record from every CMAS in the workload.

The **Primary** key field for this resource class is WORKLOAD.

The **Secondary** key field for this resource class is WRKLOWNER.

The **Tertiary** key field for this resource class is TOR.

The **Fourth** key field for this resource class is RPTINGCMAS.

There are no object specific actions for this resource class.

**External resource name**

CICSWLMActiveRouter

**Length**

80

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2660

Table 1087. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	No

Table 1088. WLMAROUT resource table attributes						
Name	Datatype	Source	Len	Sum	Description	Attr ID
ABDCMPSTATE	EYUDA	CPSM	4	LIKE	Abend compensation status	16
ABDCMPSTATE Output valid values	YES, NO					
CON_STATUS	EYUDA	CPSM	4	LIKE	Routing region contact status	7
CON_STATUS Output valid values	LOSTCON, N_A					
FMIDSEQ	CHAR	INQ	4	DIFF	FMID sequence number	13
MVSSYSNAME	CHAR	CPSM	8	DIFF	MVS system name	12
OWSTATE	EYUDA	CPSM	4	LIKE	Optimization status	10
OWSTATE Output valid values	ACTIVE, INACTIVE, N_A					
RELEASE	CHAR	CPSM	3	DIFF	CICS Release	15

Table 1088. WLMAROUT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
RPTINGCMAS-4	CHAR	CPSM	8	DIFF	Reporting CMAS name	17
RTUOWEND	BINARY	CPSM	8	SUM	Unit of work completes	11
STRTTIME	TIMESTP	CPSM	8	MAX	Local time at which router was started	14
TOR-3	CHAR	CPSM	8	DIFF	Routing region name	5
TOROWNER	CHAR	CPSM	8	DIFF	Name of controlling CMAS	9
WORKLOAD-1	CHAR	CPSM	8	DIFF	Workload name	4
WRKLOWNER-2	CHAR	CPSM	4	DIFF	System ID of workload owner	8

---

## Chapter 449. WLMATAFF Resource Table

A CICSplex SM Workload Manager object that describes an active affinity relationship for a dynamic transaction. An instance of this object exists for the duration of the affinity, which in many cases is a very short period of time.

This object is referenced within the scope of a workload. The workload name must be explicitly identified in the PARM option of the API GET command by coding the following text string:

```
PARM('WORKLOAD(workload).')
```

*workload* is the name of an active workload and is required. Alternatively, you can code the following text string:

```
PARM('WORKLOAD(*)')
```

You can specify a workload name of \* as a wildcard. Using this wildcard returns a WLMATAFF record for every workload with which the target region is associated. No other generic form of workload name can be specified. You must use an explicit workload name or the wildcard.

The **Primary** key field for this resource class is WORKLOAD.

The **Secondary** key field for this resource class is WRKLOWNER.

The **Tertiary** key field for this resource class is TRANGRP.

The **Fourth** key field for this resource class is USERID.

The **Fifth** key field for this resource class is LUNAME.

The **Sixth** key field for this resource class is TORNAME.

The **Seventh** key field for this resource class is TERMID.

The **Eighth** key field for this resource class is RESERVD2.

The **Ninth** key field for this resource class is AFFKEY.

The following action is supported:

### **FORCE**

Force an affinity to be broken.

This action is provided for use when system failures occur and manual recovery of a workload is required. It is not intended for general use and may cause damage if used in an inappropriate manner. CICSplex SM makes no checks before the forced removal of an affinity relation.

### **External resource name**

CICSWLMActiveAffinity

### **Length**

240

### **Usage**

API or WUI or CICS Management Client Interface

### **API view**

No

### **CMAS context**

No

### **SCOPE applies**

No

**Only query CMASs in workload**

Yes

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2487

*Table 1089. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	No
PERFORM SET	FORCE	None	N/A

*Table 1090. WLMATAFF FEEDBACK error codes*

Value	Code	Description
21	WLMATAFF_AFFINITY_NOT_FOUND	Affinity not found
22	WLMATAFF_WORKLOAD_NOT_FOUND	Workload not found
23	WLMATAFF_TRANGRP_NOT_FOUND	Transaction group not found
24	WLMATAFF_NO_WORKLOAD	No workload
25	WLMATAFF_NO_TRANGRP	No transaction group
26	WLMATAFF_WORKLOAD_FROZEN	Workload frozen

*Table 1091. WLMATAFF resource table attributes*

Name	Datatype	Source	Len	Sum	Description	Attr ID
AFFINITY	EYUDA	CPSM	4	LIKE	Affinity relationship	6
AFFINITY Input/output valid values	LOCKED					
AFFINITY Output valid values	GLOBAL, LUNAME, USERID, BAPPL					
<b>AFFKEY-9</b>	HEX	CPSM	64	LIKE	Key that identifies creator of affinity	19
AOR	CHAR	CPSM	8	DIFF	Target region	13
CBTSKEY	HEX	CPSM	52	LIKE	BTS activity ID	16
LIFETIME	EYUDA	CPSM	4	LIKE	Affinity lifetime	7
LIFETIME Input/output valid values	UOW					
LIFETIME Output valid values	LOGON, PCONV, PERMANENT, SIGNON, SYSTEM, DELIMIT, ACTIVITY, PROCESS					
LOCUOWID	HEX	CPSM	8	LIKE	Local unit-of-work ID	17
<b>LUNAME-5</b>	CHAR	CPSM	17	DIFF	Terminal LU name	10
NETUOWID	HEX	CPSM	27	LIKE	Network unit-of-work ID	18
<b>RESERVD2-8</b>	CHAR	CPSM	11	DIFF	The activity ID of the CBTS activity	15
<b>TERMID-7</b>	CHAR	CPSM	8	DIFF	Routing region terminal	12
<b>TORNAME-6</b>	CHAR	CPSM	8	DIFF	Routing region	11
<b>TRANGRP-3</b>	CHAR	CPSM	8	DIFF	Transaction group	4
<b>USERID-4</b>	CHAR	CPSM	8	DIFF	User identifier	9
<b>WORKLOAD-1</b>	CHAR	CPSM	8	DIFF	Workload name	5
<b>WRKLOWNER-2</b>	CHAR	CPSM	4	DIFF	System ID of workload owner	14



## Chapter 450. WLMATARG Resource Table

A CICSplex SM Workload Manager object that describes a CICS system used as a target region for one or more active workloads.

This object is referenced by its target region name only - it has no referential affinities to any explicitly named workloads.

The **Primary** key field for this resource class is AOR.

The **Secondary** key field for this resource class is RPTINGCMAS.

The following actions are supported:

### RESET

Force the dynamic routing statistics counters to be reset to zero.

This action requires no unique parameter data.

### External resource name

CICSWLMTarget

### Length

184

### Usage

API or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt2659

<i>Table 1092. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		None	N/A
PERFORM SET	RESET	None	N/A

<i>Table 1093. WLMATARG FEEDBACK error codes</i>		
Value	Code	Description
21	WLMATARG_NO_AOR	Target region not defined

Table 1094. WLMATARG resource table attributes

Name	Datatype	Source	Len	Sum	Description	Default	Value Range	Attr ID
<b>AOR-1</b>	CHAR	CPSM	8	DIFF	Target region name			4
BOTRSUPD	BINARY	CPSM	1	MAX	RS server bottom tier		1-25	34
CFREADCT	BINARY	CPSM	8	SUM	Coupling Facility read count			39
CFUPDCNT	BINARY	CPSM	8	MAX	Coupling Facility update count			26
CON_STATUS	EYUDA	CPSM	4	LIKE	Target region contact status			6
CON_STATUS Output valid values	LOSTCON, N_A							
CPSMVER	CHAR	CPSM	4	SUM	CICSplex SM version			38
EVENTS	BINARY	CPSM	4	MAX	RTA event count for target region			10
HLTHDUMP	EYUDA	CPSM	4	LIKE	Region is dumping			22
HLTHDUMP Output valid values	NO, YES							
HLTHMAXT	EYUDA	CPSM	4	LIKE	Region is at MAXTASKS			23
HLTHMAXT Output valid values	NO, YES							
HLTHNRM	EYUDA	CPSM	4	LIKE	MAS non responsive			37
HLTHNRM Output valid values	NO, YES							
HLTHSOS	EYUDA	CPSM	4	LIKE	Short on storage			20
HLTHSOS Output valid values	NO, YES							
HLTHSTALL	EYUDA	CPSM	4	LIKE	Region has stalled			21
HLTHSTALL Output valid values	NO, YES							
MAXTASKS	BINARY	CPSM	4	MAX	Maximum task count for region			25
OWNINGCMAS	CHAR	CPSM	8	DIFF	Owning CMAS name			28
OWSTATE	EYUDA	CPSM	4	LIKE	Optimization status			7
OWSTATE Output valid values	ACTIVE, INACTIVE, N_A							
READRS	BINARY	CPSM	2	MAX	RS server read interval	200	0-2000	30
ROUTEWGHT	BINARY	CPSM	4	MAX	WLM routing weight for region			8
ROUTINGLOAD	BINARY	CPSM	4	MAX	Routing Load			24
<b>RPTINGCMAS-2</b>	CHAR	CPSM	8	DIFF	Reporting CMAS name			36
RSPOOLID	CHAR	CPSM	8	DIFF	RS server pool name			27
RTABEND	BINARY	CPSM	8	SUM	Route abends			17
RTCOMPLETE	BINARY	CPSM	8	SUM	Route completes			19
RTERROR	BINARY	CPSM	8	SUM	Route errors			14
RTINITIATE	BINARY	CPSM	8	SUM	Route initiates			18
RTNOTIFY	BINARY	CPSM	8	SUM	Route notifies			16
RTSELECT	BINARY	CPSM	8	SUM	Route selections			13
RTTERMINATE	BINARY	CPSM	8	SUM	Route terminates			15
STATUS	EYUDA	CPSM	4	LIKE	Target region status			5
STATUS Input/output valid values	ACTIVE, QUIESCE							
STATUS Output valid values	QUIESCING, QUIESCED							

Table 1094. WLMATARG resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Default	Value Range	Attr ID
TASKINC	BINARY	CPSM	2	MAX	Task count increment value			29
TASKLOAD	BINARY	CPSM	4	MAX	Task load percentage			12
TOPRSUPD	BINARY	CPSM	1	MAX	RS server top tier	5	1-25	33
UPDATERS	BINARY	CPSM	1	MAX	RS Server update frequency	15		31
WLMHLTH	BINARY	CPSM	1	MAX	z/OS WLM health			40
WLMOPTEN	EYUDA	CPSM	4	LIKE	Optimization enablement state			35
WLMOPTEN Output valid values	ENABLED, DISABLED							
WLMQMODE	EYUDA	CPSM	4	LIKE	Task load queue mode	ALL		11
WLMQMODE Input/output valid values	ALL, MAXTASK, N_A							
WLMTHRSH	BINARY	CPSM	1	MAX	Task load health threshold	60	1-100	32
WRKLCNT	BINARY	CPSM	4	MAX	Workload count			9



---

## Chapter 451. WLMATGRP Resource Table

A CICSplex SM Workload Manager object that describes a transaction group installed in an active workload.

This object is referenced within the scope of a workload. The workload name must be explicitly identified in the PARM option of the API GET command by coding the following text string:

```
PARM('WORKLOAD(workload).')
```

*workload* is the name of an active workload and is required. Alternatively, you can code the following text string:

```
PARM('WORKLOAD(*)').')
```

You can specify a workload name of \* as a wildcard. Using this wildcard returns a WLMATGRP record for every workload with which the target region is associated. No other generic form of workload name can be specified - it must be an explicit workload name or the wildcard.

You can specify other parameters, but the workload name is required.

The **Primary** key field for this resource class is WORKLOAD.

The **Secondary** key field for this resource class is WRKLOWNER.

The **Tertiary** key field for this resource class is TRANGRP.

The following actions are supported:

### **ACTIVE**

Activate the Transaction Group.

### **DORMANT**

Make the Transaction Group dormant.

### **SET**

Modify attributes of the Active Transaction Group.

These actions require no unique parameter data.

A transaction group in the dormant state does not make affinity relation decisions about AOR target selection. It does, however, record static affinity relations. This allows a transaction group to be installed before activating dynamic transaction routing to record affinities based on the existing static routing configuration. When the transaction group is made active, it then has a valid representation of affinities created using static facilities.

### **External resource name**

CICSWLMActiveTransactionGroup

### **Length**

64

### **Usage**

API or WUI or CICS Management Client Interface

### **API view**

No

### **CMAS context**

No

### **SCOPE applies**

No

**Only query CMASs in workload**

Yes

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2486

*Table 1095. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	No
PERFORM SET	ACTIVE	WORKLOAD(value)	No
	DORMANT	WORKLOAD(value)	No
SET		None	N/A

*Table 1096. WLMATGRP FEEDBACK error codes*

Value	Code	Description
21	WLMATGRP_NO_WORKLOAD	No workload
22	WLMATGRP_NO_TRANGRP	No transaction group
23	WLMATGRP_WORKLOAD_FROZEN	Workload frozen
24	WLMATGRP_INVALID_ALGORITHM	Invalid algorithm type

*Table 1097. WLMATGRP resource table attributes*

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
ABENDCRIT	BINARY	CPSM	1	AVG	No	Acceptable abend level		10
ABENDTHRESH	BINARY	CPSM	1	AVG	No	Acceptable target region load level		11
AFFAUTO	EYUDA	CPSM	4	LIKE	No	Automatic affinity creation		15
AFFAUTO Input/output valid values	YES, NO, N_A							
AFFINITY	EYUDA	CPSM	4	LIKE	No	Affinity relationship		8
AFFINITY Input/output valid values	GLOBAL, LUNAME, USERID, NONE, N_A, BAPPL, LOCKED							
AFFLIFE	EYUDA	CPSM	4	LIKE	No	Affinity lifetime		9
AFFLIFE Input/output valid values	LOGON, PCONV, PERMANENT, SIGNON, SYSTEM, DELIMIT, NONE, N_A, ACTIVITY, PROCESS, UOW							
ALGTYPE	EYUDA	CPSM	4	LIKE	Yes	Algorithm type	INHERIT	16
ALGTYPE Input/output valid values	INHERIT, QUEUE, LNQUEUE, GOAL, LNGOAL							
EVENTNAME	CHAR	CPSM	8	DIFF	No	Event name		12
FILTER	EYUDA	CPSM	4	LIKE	No	Primary search criterion		7
FILTER Input/output valid values	LUNAME, USERID							
STATUS	EYUDA	CPSM	4	LIKE	Yes	Transaction group status		6
STATUS Input/output valid values	ACTIVE, DORMANT							
TRANCNT	BINARY	CPSM	4	AVG	No	Active transaction count		17

Table 1097. WLMATGRP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Default	Attr ID
TRANGRP-3	CHAR	CPSM	8	DIFF	No	Transaction group		4
WORKLOAD-1	CHAR	CPSM	8	DIFF	No	Workload		5
WRKLOWNER-2	CHAR	CPSM	4	DIFF	No	Workload owner		13





---

## Chapter 452. WLMATRAN Resource Table

A CICSplex SM Workload Manager object that describes a dynamic transaction defined explicitly to CICSplex SM. Dynamic transactions have to be defined only if they have specific separation or affinity criteria.

This object is referenced within the scope of a workload. The workload name must be explicitly identified in the PARM option of the API GET command by coding the following text string:

```
PARM('WORKLOAD(workload).')
```

*workload* is the name of an active workload and is required. Alternatively, you can code the following text string:

```
PARM('WORKLOAD(*)').')
```

You can specify a workload name of \* as a wildcard. Using this wildcard returns a WLMATRAN record for every workload with which the target region is associated. No other generic form of workload name can be specified. You must use an explicit workload name or the wildcard.

You can specify other parameters, but the workload name is required.

The **Primary** key field for this resource class is WORKLOAD.

The **Secondary** key field for this resource class is WRKLOWNER.

The **Tertiary** key field for this resource class is TRANID.

The following action is supported:

**FORCE**

Force removal of a transaction.

The FORCE action requires no unique parameter data.

**External resource name**

CICSWLMActiveTransaction

**Length**

32

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

Yes

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2488

Table 1098. Valid CPSM operations

Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	No
PERFORM SET	FORCE	None	N/A

Table 1099. WLMATRAN FEEDBACK error codes

Value	Code	Description
21	WLMATRAN_NO_WORKLOAD	No workload
22	WLMATRAN_NO_TRANSID	No transaction ID
23	WLMATRAN_WORKLOAD_FROZEN	Workload frozen
24	WLMATRAN_MAL_PENDING	MAL pending

Table 1100. WLMATRAN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
PSEUDOMODE	EYUDA	CPSM	4	LIKE	Start or end of pseudo-conversation	5
PSEUDOMODE Output valid values	START, END, N_A					
TRANGRP	CHAR	CPSM	8	DIFF	Transaction group	6
<b>TRANID-3</b>	CHAR	CPSM	8	DIFF	Transaction	4
<b>WORKLOAD-1</b>	CHAR	CPSM	8	DIFF	Workload name	7
<b>WRKLOWNER-2</b>	CHAR	CPSM	4	DIFF	System ID of workload owner	8

---

## Chapter 453. WLMAWAOR Resource Table

A CICSplex SM Workload Manager object that describes a CICS system used as an AOR in an active workload.

This object is referenced within the scope of a workload. The workload name must be explicitly identified in the PARM option of the API GET command by coding the following text string:

```
PARM('WORKLOAD(workload).')
```

*workload* is the name of an active workload and is required. Alternatively, you can code the following text string:

```
PARM('WORKLOAD(*)').')
```

You can specify a workload name of \* as a wildcard. Using this wildcard returns a WLMAWAOR record for every workload with which the target region is associated. No other generic form of workload name can be specified. You must use an explicit workload name or the wildcard.

You can specify other parameters, but the workload name is required.

The **Primary** key field for this resource class is WORKLOAD.

The **Secondary** key field for this resource class is WRKLOWNER.

The **Tertiary** key field for this resource class is AOR.

The following actions are supported:

### ACTIVATE

Allow transactions to be routed to an AOR.

### QUIESCE

Do not route new transactions to an AOR.

These actions require no unique parameter data.

When an AOR QUIESCE is requested, no new transactions are routed to the AOR. Existing tasks are not affected. Only transactions with an affinity to the AOR continue to be routed. When all affinities have been removed, the AOR no longer receives any new transactions.

**Note:** 2147483647 is a special value for *ROUTEWGHT* indicating that the target is quiesced.

### External resource name

CICSWLMActiveAOR

### Length

120

### Usage

API or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

Yes

**Object type**  
CICSplex SM Manager  
**Copybook identifier**  
EYUt2484

*Table 1101. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		EXPLODE(YES, NO)	No
		TRANNAME(value)	No
		WORKLOAD(value)	No
PERFORM SET	ACTIVATE	None	N/A
	QUIESCE	None	N/A

*Table 1102. WLMWAOR FEEDBACK error codes*

Value	Code	Description
21	WLMWAOR_NO_AOR	Target region not defined

*Table 1103. WLMWAOR resource table attributes*

Name	Datatype	Source	Len	Sum	Description	Default	Value Range	Attr ID
<b>AOR-3</b>	CHAR	CPSM	8	DIFF	Target region name			5
CFUPDCNT	BINARY	CPSM	8	AVG	Coupling Facility update count			24
CON_STATUS	EYUDA	CPSM	4	LIKE	Target region contact status			7
CON_STATUS Output valid values	LOSTCON, N_A							
CPSMVER	CHAR	CPSM	4	DIFF	CICSplex SM version			28
EVENTS	EYUDA	CPSM	4	AVG	RTA event active			25
EVENTS Output valid values	NO, YES							
HLTHDUMP	EYUDA	CPSM	4	LIKE	Region is dumping			19
HLTHDUMP Output valid values	NO, YES							
HLTHMAXT	EYUDA	CPSM	4	LIKE	Region is at MAXTASKS			20
HLTHMAXT Output valid values	NO, YES							
HLTHNRM	EYUDA	CPSM	4	LIKE	MAS non responsive			27
HLTHNRM Output valid values	NO, YES							
HLTHSOS	EYUDA	CPSM	4	LIKE	Short on storage			17
HLTHSOS Output valid values	NO, YES							
HLTHSTALL	EYUDA	CPSM	4	LIKE	Region has stalled			18
HLTHSTALL Output valid values	NO, YES							
MAXTASKS	BINARY	CPSM	4	AVG	Maximum task count for region			22
OWSTATE	EYUDA	CPSM	4	LIKE	Optimization status			16
OWSTATE Output valid values	ACTIVE, INACTIVE, N_A							

Table 1103. WLMWAOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Default	Value Range	Attr ID
READRS	BINARY	CPSM	2	AVG	RS server read interval	200	0-2000	9
ROUTEWGHT	BINARY	CPSM	4	AVG	WLM routing weight for region			23
ROUTINGLOAD	BINARY	CPSM	4	AVG	Routing Load			21
<b>RPTCMAS-4</b>	CHAR	CPSM	8	DIFF	Reporting CMAS			29
RSPOLID	CHAR	CPSM	8	DIFF	RS server pool name			26
STATUS	EYUDA	CPSM	4	LIKE	Target region status			6
STATUS Input/output valid values	ACTIVE, QUIESCE							
STATUS Output valid values	QUIESCING, QUIESCED							
TASKINC	BINARY	CPSM	2	AVG	Task count increment value			13
TASKLOAD	BINARY	CPSM	4	AVG	Task load percentage			15
UPDATERS	BINARY	CPSM	1	AVG	RS Server update frequency	15		10
WLMHLTH	BINARY	CPSM	1	MAX	z/OS WLM health			30
WLMQMODE	EYUDA	CPSM	4	DIFF	Task load queue mode	ALL		12
WLMQMODE Input/output valid values	ALL, MAXTASK, N_A							
WLMTHRSH	BINARY	CPSM	1	AVG	Task load health threshold	60	1-100	11
<b>WORKLOAD-1</b>	CHAR	CPSM	8	DIFF	Workload name			4
<b>WRKLOWNER-2</b>	CHAR	CPSM	4	DIFF	System ID of workload owner			8



# Chapter 454. WLMWDEF Resource Table

A CPSM Workload Manager object that describes a workload definition installed in an active workload.

This object is referenced within the scope of a workload. The workload name must be explicitly identified in the PARM option of the API GET command by coding the following text string:

```
PARM('WORKLOAD(workload).')
```

*workload* is the name of an active workload and is required. Alternatively, you can code the following text string:

```
PARM('WORKLOAD(*)').')
```

You can specify a workload name of \* as a wildcard. Using this wildcard returns a WLMWDEF record for every workload with which the target region is associated. No other generic form of workload name can be specified. You must use an explicit workload name or the wildcard.

You can specify other parameters, but the workload name is required.

The **Primary** key field for this resource class is WORKLOAD.

The **Secondary** key field for this resource class is WRKLOWNER.

The **Tertiary** key field for this resource class is NAME.

The following action is supported:

**DISCARD**

Remove the installed definition.

The DISCARD action requires no unique parameter data.

**External resource name**

CICSWLMActiveDefinition

**Length**

128

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

Yes

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2489

Operations	Actions	Parameters	Required
GET		WORKLOAD(value)	No

Table 1104. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
PERFORM SET	DISCARD	None	N/A

Table 1105. WLMWDEF FEEDBACK error codes

Value	Code	Description
21	WLMWDEF_WLMDEF_NOT_FOUND	Workload management definition not found
22	WLMWDEF_NO_WORKLOAD	No workload
23	WLMWDEF_NO_WLMDEF	No workload management definition (WLMDEF)
24	WLMWDEF_WORKLOAD_FROZEN	Workload frozen
25	WLMWDEF_MAL_PENDING	Request scheduled for execution later

Table 1106. WLMWDEF resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
AORSCOPE	CHAR	CPSM	8	DIFF	Scope name of set of target systems	9
DESC	CHAR	CPSM	58	DIFF	Description	10
LUNAME	CHAR	CPSM	17	DIFF	Terminal LU name	7
<b>NAME-3</b>	CHAR	CPSM	8	DIFF	Workload definition	4
PROCESSTYPE	CHAR	CPSM	8	DIFF	Process type	12
TRANGRP	CHAR	CPSM	8	DIFF	Transaction group	6
USERID	CHAR	CPSM	8	DIFF	User ID	8
<b>WORKLOAD-1</b>	CHAR	CPSM	8	DIFF	Workload name	5
<b>WRKLOWNER-2</b>	CHAR	CPSM	4	DIFF	System ID of workload owner	11



## Chapter 455. WLMAWORK Resource Table

A CICSplex SM Workload Manager object that describes an active workload.

The **Primary** key field for this resource class is WORKLOAD.

The **Secondary** key field for this resource class is WRKLOWNER.

The following action is supported:

### SET

Modify attributes of the Active Workload. This action requires no unique parameter data.

The WLMAWORK object does not exist until the first CICS region that is defined as a router has initialized and created the workload. The creation of the workload is indicated in the CMAS EYULOG by message EYUWM0400I.

Update the entry for the ALGTYPE attribute in Table 440, WLMAWORK resource table attributes, changing the value in the Set column to YES.

### External resource name

CICSWLMActiveWorkload

### Length

152

### Usage

API or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Manager

### Copybook identifier

EYUt2483

<i>Table 1107. Valid CPSM operations</i>			
Operations	Actions	Parameters	Required
GET		EXPLODE(YES, NO)	No
SET		None	N/A

<i>Table 1108. WLMAWORK FEEDBACK error codes</i>		
Value	Code	Description
21	WLMAWORK_NO_WORKLOAD	No workload
22	WLMAWORK_WORKLOAD_FROZEN	Workload frozen
23	WLMAWORK_INVALID_ALGORITHM	Invalid algorithm type

Table 1109. WLMWORK resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ABENDCRIT	BINARY	CPSM	1	AVG	No	Acceptable level of abend probability	15
ABENDTHRESH	BINARY	CPSM	1	AVG	No	Acceptable target region load level	16
AFFAUTO	EYUDA	CPSM	4	LIKE	No	Automatic affinity creation	20
AFFAUTO Output valid values	YES, NO, N_A						
AFFINITY	EYUDA	CPSM	4	LIKE	No	Default affinity relation	5
AFFINITY Output valid values	GLOBAL, LUNAME, USERID, NONE, N_A, BAPPL, LOCKED						
AFFLIFE	EYUDA	CPSM	4	LIKE	No	Default affinity lifetime	6
AFFLIFE Output valid values	LOGON, PCONV, PERMANENT, SIGNON, SYSTEM, DELIMIT, NONE, N_A, ACTIVITY, PROCESS, UOW						
ALGTYPE	EYUDA	CPSM	4	LIKE	Yes	Default algorithm type	14
ALGTYPE Input/output valid values	QUEUE, GOAL, LNQUEUE, Lngoal						
AORCNT	BINARY	CPSM	2	AVG	No	Active target regions	8
AORSCOPE	CHAR	CPSM	8	DIFF	No	Default target scope	9
DESC	CHAR	CPSM	58	DIFF	No	Description	10
EVENTNAME	CHAR	CPSM	8	DIFF	No	Event name	17
OWSTATE	EYUDA	CPSM	4	LIKE	No	Optimization status	22
OWSTATE Output valid values	ACTIVE, PARTIAL, INACTIVE						
<b>RPTCMAS-3</b>	CHAR	CPSM	8	DIFF	No	Reporting CMAS	27
SHARED	EYUDA	CPSM	4	LIKE	No	Shared status	21
SHARED Output valid values	YES, NO						
STATUS	EYUDA	CPSM	4	LIKE	No	Workload status	12
STATUS Output valid values	ACTIVE, FROZEN						
TORCNT	BINARY	CPSM	2	AVG	No	Active routing regions	7
WAFFCNT	BINARY	CPSM	4	AVG	No	Active transaction group affinities	26
WDFCNT	BINARY	CPSM	4	AVG	No	Active workload definitions	23
<b>WORKLOAD-1</b>	CHAR	CPSM	8	DIFF	No	Name	4
<b>WRKLOWNER-2</b>	CHAR	CPSM	4	DIFF	No	Owning system ID	18
WTGPCNT	BINARY	CPSM	4	AVG	No	Active transaction groups	25
WTRNCNT	BINARY	CPSM	4	AVG	No	Active dynamic transactions	24

## Chapter 456. WLMATOR Resource Table

A CICSplex SM Workload Manager object that describes a CICS system used as a TOR in an active workload.

This object is referenced within the scope of a workload. The workload name must be explicitly identified in the PARM option of the API GET command by coding the following text string:

```
PARM('WORKLOAD(workload).')
```

*workload* is the name of an active workload and is required. Alternatively, you can code the following text string:

```
PARM('WORKLOAD(*)').')
```

You can specify a workload name of \* as a wildcard. Using this wildcard returns a WLMATOR record for every workload with which the target region is associated. No other generic form of workload name can be specified. You must use an explicit workload name or the wildcard.

You can specify other parameters, but the workload name is required.

The **Primary** key field for this resource class is WORKLOAD.

The **Secondary** key field for this resource class is WRKLOWNER.

The **Tertiary** key field for this resource class is TOR.

There are no object specific actions for this resource class.

**External resource name**

CICSWLMActiveTOR

**Length**

48

**Usage**

API or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

Yes

**Object type**

CICSplex SM Manager

**Copybook identifier**

EYUt2485

Table 1110. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		EXPLODE(YES, NO)	No
		WORKLOAD(value)	No

Table 1111. WLMAWTOR resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CON_STATUS	EYUDA	CPSM	4	LIKE	Routing region contact status	7
CON_STATUS Output valid values	LOSTCON, N_A					
OWSTATE	EYUDA	CPSM	4	LIKE	Optimization status	10
OWSTATE Output valid values	ACTIVE, INACTIVE, N_A					
<b>RPTCMAS-4</b>	CHAR	CPSM	8	DIFF	Reporting CMAS	11
<b>TOR-3</b>	CHAR	CPSM	8	DIFF	Routing region name	5
TOROWNER	CHAR	CPSM	8	DIFF	Name of controlling CMAS	9
<b>WORKLOAD-1</b>	CHAR	CPSM	8	DIFF	Workload name	4
<b>WRKLOWNER-2</b>	CHAR	CPSM	4	DIFF	System ID of workload owner	8

# Chapter 457. WLMDEF Resource Table

A CPSM Workload Manager Definition that describes the separation and affinity requirements for a set of dynamic transactions.

The **Primary** key field for this resource class is NAME.

The following action is supported:

### INSTALL

Install the definition into a workload.

The parameter data for the INSTALL action is:

```

    PARM('WORKLOAD(workload) OWNER(owner).')

    where:

    workload = (Required) Name of an active workload to process
               definition.
    owner    = (Required) System ID of CMAS that created
               workload, as identified by WLMWORK.
  
```

### External resource name

CICSWLMDefinition

### Length

160

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

Yes

### Object type

CICSplex SM Definition

### Copybook identifier

EYUt3508

Table 1112. Valid CPSM operations			
Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	OWNER(value)	Yes
		WORKLOAD(value)	Yes

Table 1112. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	ADDTGRP	RESGROUP(value)	Yes

Table 1113. WLMDEF FEEDBACK error codes

Value	Code	Description
1	WLMDEF_INV_DATA	Attribute data invalid
2	WLMDEF_REC_NOT_FOUND	Requested resource not found
3	WLMDEF_INV_REFERENCE	not found
4	WLMDEF_REC_EXISTS	Resource already exists
5	WLMDEF_REC_CHANGED	Resource definition already changed
21	WLMDEF_NO_WLMDEF	No workload management definition
22	WLMDEF_NO_WORKLOAD	No workload
23	WLMDEF_WORKLOAD_FROZEN	Workload frozen
24	WLMDEF_MAL_PENDING	Request scheduled for execution later
25	WLMDEF_PARMS_IGNORED	Parameters ignored
26	WLMDEF_NODEFS_INSTALLED	No definitions installed
27	WLMDEF_AORSCOPE_NOT_FOUND	AOR scope not found
28	WLMDEF_TRANGRP_NOT_FOUND	Transaction group not found

Table 1114. WLMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
AORSCOPE	CHAR	CPSM	8	Yes	DIFF	Scope name of set of target systems			9
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			14
CHANGEAGENT Input/ output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			17
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			16
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			15
DESC	CHAR	CPSM	58	No	DIFF	Description			10
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	13
LUNAME	CHAR	CPSM	17	Yes	DIFF	Terminal LU name			7
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Workload management definition			5
PROCESSTYPE	CHAR	CPSM	8	Yes	DIFF	BTS process type	*		11
TRANGRP	CHAR	CPSM	8	No	DIFF	Transaction group			6
USERID	CHAR	CPSM	8	Yes	DIFF	User ID			8

## Chapter 458. WLMGROUP Resource Table

A CPSM Workload Manager Definition that provides the association anchor for a set of WLMDEF definitions. References to a WLMGROUP are inferred to be references to the set of associated WLMDEF instances.

The **Primary** key field for this resource class is NAME.

The following action is supported:

### INSTALL

Install the set of WLMDEF definitions.

The parameter data for the INSTALL action is:

```

    PARM('WORKLOAD(workload) OWNER(owner).')

    where:

    workload = (Required) Name of an active workload to process group.
    owner    = (Required) System ID of CMAS that created
    workload, as identified by WLMWORK.
  
```

### External resource name

CICSWLMGroup

### Length

112

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

Yes

### Object type

CICSplex SM Definition

### Copybook identifier

EYUt3506

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	INSTALL	OWNER(value)	Yes
		WORKLOAD(value)	Yes

Table 1115. Valid CPSM operations (continued)

Operations	Actions	Parameters	Required
	ADDTOSPC	SPEC(value)	Yes

Table 1116. WLMGROUP FEEDBACK error codes

Value	Code	Description
1	WLMGROUP_INV_DATA	Attribute data invalid
2	WLMGROUP_REC_NOT_FOUND	Requested resource not found
3	WLMGROUP_INV_REF	Not found
4	WLMGROUP_REC_EXISTS	Resource already exists
5	WLMGROUP_REC_CHANGED	Resource definition already changed
21	WLMGROUP_NO_WLMGROUP	No workload management group
22	WLMGROUP_NO_WORKLOAD	No workload
23	WLMGROUP_WORKLOAD_FROZEN	Workload frozen
24	WLMGROUP_MAL_PENDING	Request scheduled for execution later
25	WLMGROUP_PARMS_IGNORED	Parameters ignored
26	WLMGROUP_NODEFS_INSTALLED	No definitions installed
27	WLMGROUP_NODEFS_ASSOCIATED	No definitions in group

Table 1117. WLMGROUP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			8
CHANGEAGENT Input/ output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			11
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			9
DESC	CHAR	CPSM	58	No	DIFF	Description			6
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	7
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Workload management group			5



## Chapter 459. WLMINGRP Resource Table

A CPSM Workload Manager Definition that describes the membership of a workload definition (WLMDEF) in a workload group (WLMGROUP). A WLMDEF can be a member of multiple WLMGROUPs.

The **Primary** key field for this resource class is GROUP.

The **Secondary** key field for this resource class is DEF.

There are no object specific actions for this resource class.

**External resource name**

CICSWLMResourceInGroup

**Length**

56

**Usage**

API or Batch Utility or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSplex SM Definition

**Copybook identifier**

EYUt5378

*Table 1118. Valid CPSM operations*

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

*Table 1119. WLMINGRP FEEDBACK error codes*

Value	Code	Description
1	WLMINGRP_INV_DATA	Attribute data invalid
2	WLMINGRP_REC_NOT_FOUND	Requested resource not found
3	WLMINGRP_INV_REFERENCE	Attribute references an invalid resource
4	WLMINGRP_REC_EXISTS	Resource already exists

*Table 1120. WLMINGRP resource table attributes*

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	7

Table 1120. WLMINGRP resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	10
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	9
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	8
<b>DEF-2</b>	CHAR	CPSM	8	Yes	DIFF	Name of workload management (WLM) definition	6
<b>GROUP-1</b>	CHAR	CPSM	8	Yes	DIFF	Workload management (WLM) group	5

## Chapter 460. WLMINSPC Resource Table

A CPSM Workload Manager Definition that describes the membership of a workload group (WLMGROUP) in a workload specification (WLMSPEC). A WLMGROUP can be a member of multiple WLMSEPCs.

The **Primary** key field for this resource class is NAME.

The **Secondary** key field for this resource class is GROUP.

There are no object specific actions for this resource class.

### External resource name

CICSWLMGroupInSpecification

### Length

56

### Usage

API or Batch Utility or WUI or CICS Management Client Interface

### API view

No

### CMAS context

No

### SCOPE applies

No

### Only query CMASs in workload

No

### Object type

CICSplex SM Definition

### Copybook identifier

EYUt5123

Operations	Actions	Parameters	Required
GET		None	N/A
CREATE		None	N/A
REMOVE		None	N/A

Value	Code	Description
1	WLMINSPC_INV_DATA	Attribute data invalid
2	WLMINSPC_REC_NOT_FOUND	Requested resource not found
3	WLMINSPC_INV_REFERENCE	Attribute references an invalid resource
4	WLMINSPC_REC_EXISTS	Resource already exists

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent	7

Table 1123. WLMINSPC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGEAGENT Input/output valid values	DREPAPI						
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release	10
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification	1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID	9
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created	8
<b>GROUP-2</b>	CHAR	CPSM	8	Yes	DIFF	Workload management (WLM) group	6
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Workload management specification	5

## Chapter 461. WLMSPEC Resource Table

A CPSM Workload Manager Definition that describes the control directives for generating a workload. Using group associators a WLMSPEC object can determine which WLMDEF instances are to be installed into the workload. Using scope link associators (LNKSWSCS), a WLMSPEC object can determine which CICS systems are to be referenced as TORs. A CICS system acting as a TOR can have a scope link associator to only one WLMSPEC.

The **Primary** key field for this resource class is NAME.

**External resource name**

CICSWLMSpecification

**Length**

144

**Usage**

API or Batch Utility or WUI or CICS Management Client Interface

**API view**

No

**CMAS context**

No

**SCOPE applies**

No

**Only query CMASs in workload**

No

**Object type**

CICSPlex SM Definition

**Copybook identifier**

EYUt3513

<i>Table 1124. Valid CPSM operations</i>			
<b>Operations</b>	<b>Actions</b>	<b>Parameters</b>	<b>Required</b>
GET		None	N/A
CREATE		None	N/A
UPDATE		None	N/A
REMOVE		None	N/A
PERFORM SET	ADDSYSGRP	FORCE	Yes
		GROUP(value)	Yes
		NONE	Yes
		NULL	Yes
	ADDSYSDEF	SYSTEM(value)	Yes

Table 1125. WLMSPEC FEEDBACK error codes

Value	Code	Description
1	WLMSPEC_INV_DATA	Attribute data invalid
2	WLMSPEC_REC_NOT_FOUND	Requested resource not found
3	WLMSPEC_INV_REFERENCE	Does not exist
4	WLMSPEC_REC_EXISTS	Resource already exists
5	WLMSPEC_REC_CHANGED	Resource definition already changed
21	WLMSPEC_ABEND_COMBINATION	Abend load must be less than abend probability
22	WLMSPEC_AORSCOPE_NOT_FOUND	AOR scope not found
23	WLMSPEC_LNKASSOC_EXISTS	Association already exists

Table 1126. WLMSPEC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
ABENDCRIT	BINARY	CPSM	1	Yes	AVG	Acceptable level of abend probability	0	2-99	14
ABENDCRIT Input/output valid values	0								
ABENDTHRESH	BINARY	CPSM	1	Yes	AVG	Acceptable abend load threshold	0	1-98	15
ABENDTHRESH Input/output valid values	0								
AFFAUTO	EYUDA	CPSM	4	No	LIKE	Automatic affinity creation option	N_A		17
AFFAUTO Input/output valid values	YES, NO, N_A								
AFFINITY	EYUDA	CPSM	4	No	LIKE	Default affinity relationship			7
AFFINITY Input/output valid values	N_A, GLOBAL, LUNAME, USERID, BAPPL, LOCKED								
AFFLIFE	EYUDA	CPSM	4	No	LIKE	Default affinity lifetime			8
AFFLIFE Input/output valid values	N_A, LOGON, PCONV, DELIMIT, PERMANENT, SIGNON, SYSTEM, ACTIVITY, PROCESS, UOW								
ALGTYPE	EYUDA	CPSM	4	Yes	LIKE	Algorithm type			10
ALGTYPE Input/output valid values	GOAL, QUEUE, LNQUEUE, LNGOAL								
AORSCOPE	CHAR	CPSM	8	Yes	DIFF	Default target scope			6
CHANGEAGENT	CVDAS	CPSM	4	No	LIKE	Last modification agent			19
CHANGEAGENT Input/output valid values	DREPAPI								
CHANGEAGREL	CHAR	CPSM	4	No	DIFF	Last modification agent release			22
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last modification			1
CHANGEUSRID	CHAR	CPSM	8	No	DIFF	Last modification user ID			21
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Time created			20
DESC	CHAR	CPSM	58	No	DIFF	Description			12
DESCCODEPAGE	BINARY	CPSM	4	No	DIFF	Description code page	37	0-99999999	18
EVENTNAME	CHAR	CPSM	8	No	DIFF	RTA event			13

Table 1126. WLMSPEC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
MATCH	EYUDA	CPSM	4	Yes	LIKE	Primary search criterion			9
MATCH Input/output valid values	LUNAME, USERID								
<b>NAME-1</b>	CHAR	CPSM	8	Yes	DIFF	Name			5





## Chapter 462. WLPSE RV Resource Table

This is reserved for future use. A CICS Resource that allows you to browse the LINK enabled services installed into a Liberty JVM server.

The **Primary** key field for this resource class is WLPSERVICE.

The **Secondary** key field for this resource class is JVMSERVER.

**External resource name**

CICSWLPService

**Length**

1064

**Usage**

API or CICS Management Client Interface or EVALDEF

**API view**

Yes

**CMAS context**

No

**SCOPE applies**

Yes

**Only query CMASs in workload**

No

**Object type**

CICS Resource

**Copybook identifier**

EYUt0218

Table 1127. Valid CPSM operations			
Operations	Actions	Parameters	Required
Not applicable			

Table 1128. WLPSE RV resource table attributes								
Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIFF	CICS System Name	
EYU_CICSREL	CHAR	CPSM			4	DIFF	CICS Release	
EYU_RESERVED	CHAR	CPSM			4	N/A	Reserved	
BUNDLE	CHAR	INQ			8	SUM	CICS BUNDLE name	4
BUNDLEPART	CHAR	INQ			255	DIFF	CICS BUNDLEPART name	5
<b>JVMSERVER-2</b>	CHAR	CPSM			8	AVG	JVM server	3
SRVCNAME	CHAR	INQ			255	DIFF	Name of the service reference	8
SRVCSTATUS	CVDAS	INQ			4	LIKE	Service status	2
SRVCSTATUS Input/output valid values	ACTIVE, INACTIVE							
WLPAPPL	CHAR	INQ			255	DIFF	Name of the Liberty application	6

Table 1128. WLPSEV resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Description	Attr ID
WLPCLASS	CHAR	INQ			255	DIFF	Name of the Java implementation class	7
<b>WLPSERVICE-1</b>	BINARY	INQ			8	DIFF	Numeric service ID	1

## Chapter 463. WORKREQ Resource Table

A CICS Resource that describes EJB work requests and the transactions associated with them.

The **Primary** key for this resource class is NAME.

The following actions are supported:

### PURGE

Purge a selected work request.

### FORCEPURGE

Forcepurge a selected work request.

### External resource name

CICSWorkRequest

### Length

176

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0136

Operations	Actions	Parameters	Required
GET		None	N/A
SET		WORKTYPE(IIOP, SOAP)	No
PERFORM SET	PURGE	WORKTYPE(IIOP, SOAP)	No
	FORCEPURGE	WORKTYPE(IIOP, SOAP)	No

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			

Table 1130. WORKREQ resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
CLIENTIPADDR	CHAR	INQ	WORKREQUES T	CORBASERVE R	39	DIF F	No	Client IP address			2
CLNTIPFAMILY	CVDAS	INQ	WORKREQUES T	CORBASERVE R	4	LIK E	No	The format of the Client IP address		E640 E650	17
CLNTIPFAMILY Output valid values	IPV4, IPV6, NOTAPPLIC										
CORBASERVER	CHAR	INQ	WORKREQUES T	CORBASERVE R	4	DIF F	No	Associated CorbaServer			15
LISTENERPORT	BINARY	INQ	WORKREQUES T	LISTENERPOR T	4	AVG	No	Host port that received the request			5
NAME-1	CHAR	INQ	WORKREQUES T	WORKREQUES T	8	DIF F	No	Work request			1
OAPPLID	CHAR	INQ	WORKREQUES T	OAPPLID	8	DIF F	No	Originating tasks application ID			7
OTASK	DECIMAL	INQ	WORKREQUES T	OTASK	4	AVG	No	Task that received the request			8
OTRANSID	CHAR	INQ	WORKREQUES T	OTRANSID	4	DIF F	No	Transaction ID that received the request			9
PURGETYPE	CVDAS	INQ			4	LIK E	Yes	Purge type		EALL	16
PURGETYPE Input/output valid values	PURGE, FORCEPURGE										
REQUESTID	BINARY	INQ	WORKREQUES T	REQUESTID	4	AVG	No	Current request ID			12
STACK	BINARY	INQ	WORKREQUES T	STACK	4	AVG	No	Stack level of call			13
TASK	DECIMAL	INQ	WORKREQUES T	TASK	4	AVG	No	Local task number			4
TRANSID	CHAR	INQ	WORKREQUES T	TRANSID	4	DIF F	No	Local transaction ID			6
TSYSTEM	CHAR	INQ	WORKREQUES T	CORBASERVE R	50	DIF F	No	Address of target CICS system			10
TSYSTYPE	CVDAS	INQ	WORKREQUES T	CORBASERVE R	4	LIK E	No	Format of the Target system address		E640 E650	18
TSYSTYPE Output valid values	APPLID, IPV4, IPV6, NOTAPPLIC										
WORKTYPE	CVDAS	INQ	WORKREQUES T	WORKTYPE	4	LIK E	No	Type of work being performed	IIOP		14
WORKTYPE Input/output valid values	IIOP, SOAP										

## Chapter 464. XMLTRANS Resource Table

A CICS resource that provides information about transformations between XML and application data.

The **Primary** key field for this resource class is NAME.

The following actions are supported:

### INQUIRE

Inquire about an XMLTRANSFORM resource. The resource must be installed in the CICS region.

### External resource name

CICSXmltransform

### Length

688

### Usage

API or WUI or CICS Management Client Interface or EVALDEF

### API view

Yes

### CMAS context

No

### SCOPE applies

Yes

### Only query CMASs in workload

No

### Object type

CICS Resource

### Copybook identifier

EYUt0196

Operations	Actions	Parameters	Required
GET		None	N/A
SET		None	N/A

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM			8	DIF F	No	CICS System Name			
EYU_CICSREL	CHAR	CPSM			4	DIF F	No	CICS Release			
EYU_RESERVED	CHAR	CPSM			4	N/A	No	Reserved			
BASDEFINEVER	BINARY	CPSM			1	AVG	No	BAS resource definition version	0		16
BUNDLE	CHAR	INQ	XMLTRANSFORM	BUNDLE	8	DIF F	No	Bundle name			4
CCSID	BINARY	INQ	XMLTRANSFORM	CCSID	4	LIKE	No	Coded character set ID		E640 E650	3

Table 1132. XMLTRANS resource table attributes (continued)

Name	Datatype	Source	CICS Source	CICS Field	Len	Sum	Set	Description	Default	Get Inval id	Attr ID
CHANGEAGENT	CVDAS	INQ	XMLTRANSFORM	CHANGEAGENT	4	LIKE	No	Last modification agent			6
CHANGEAGENT Input/output valid values	CSDAPI, CSDBATC, DREPAPI, DYNAMIC, CREATSPI, NOTAPPLIC										
CHANGEAGREL	CHAR	INQ	XMLTRANSFORM	CHANGEAGREL	4	DIFF	No	Last modification agent release			7
CHANGETIME	DATETIME	INQ	XMLTRANSFORM	CHANGEAGREL	8	MAX	No	Last modification time			14
CHANGEUSRID	CHAR	INQ	XMLTRANSFORM	CCSID	8	DIFF	No	Last modification user ID			8
DEFINESOURCE	CHAR	INQ	XMLTRANSFORM	CHANGEAGREL	8	DIFF	No	Source of the resource definition			9
DEFINETIME	DATETIME	INQ	XMLTRANSFORM	CHANGEAGREL	8	MAX	No	Creation time			13
ENABLESTATUS	CVDAS	CPSM	XMLTRANSFORM	CCSID	4	LIKE	No	Enabled status			2
ENABLESTATUS Input/output valid values	ENABLED, DISABLED										
ENABLESTATUS Output valid values	ENABLING, DISABLING										
INSTALLAGENT	CVDAS	INQ	XMLTRANSFORM	CHANGEAGREL	4	LIKE	No	Installation agent			10
INSTALLAGENT Input/output valid values	BUNDLE, DYNAMIC										
INSTALLTIME	DATETIME	INQ	XMLTRANSFORM	CHANGEAGREL	8	MAX	No	Installation time			15
INSTALLUSRID	CHAR	INQ			8	DIFF	No	Installation user ID			11
MAPPINGLEVEL	CHAR	INQ	XMLTRANSFORM	CCSID	8	MAX	No	Mapping level			24
MAPPINGRNUM	BINARY	INQ	XMLTRANSFORM	CCSID	4	MAX	No	Mapping release number			23
MAPPINGVNUM	BINARY	INQ	XMLTRANSFORM	CCSID	4	MAX	No	Mapping version number			22
MINRUNLEVEL	CHAR	INQ	XMLTRANSFORM	CCSID	8	MAX	No	Minimum runtime level			25
MINRUNRNUM	BINARY	INQ	XMLTRANSFORM	CCSID	4	MAX	No	Minimum runtime release number			27
MINRUNVNUM	BINARY	INQ	XMLTRANSFORM	CCSID	4	MAX	No	Minimum runtime version number			26
<b>NAME-1</b>	CHAR	INQ	XMLTRANSFORM		32	DIFF	No	Name			1
USECOUNT	BINARY	STAT	DFHMLRDS	MLR_XMLTRNFM_USE_COUNT	4	MAX	No	Use count			28
VALIDATIONST	CVDAS	INQ	XMLTRANSFORM	CCSID	4	LIKE	Yes	Validation status			18
VALIDATIONST Input/output valid values	VALIDATION, NOVALIDATION										
XMLSCHEMA	CHAR	INQ	XMLTRANSFORM	CCSID	255	MAX	No	XML schema			20
XSDBIND	CHAR	INQ	XMLTRANSFORM	CCSID	255	MAX	No	XSD binding			19

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