Parameter Reference
Note
Before using this information and the product it supports, read the information in "Notices" on page 101.

Notices
This edition applies to Version 5, Release 1, Modification 0 of IBM Tivoli OMEGAMON XE for CICS on z/OS (program number 5698-T07) and to all subsequent releases and modifications until otherwise indicated in new editions.

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Chapter 1. Overview of configuration parameters

The IBM® Tivoli® OMEGAMON® XE for CICS® on z/OS® product and the related OMEGAMON II® for CICS, OMEGAMON for CICS TG on z/OS and OMEGAMON enhanced 3270 user interface components use parameters for setting and storing configuration values.

The PARMGEN configuration method uses a runtime environment based approach to configuration. With PARMGEN, you edit a comprehensive list of parameters to configure all the installed products and components in a runtime environment. You then submit a series of jobs to create a complete runtime environment with the parameter values you specified. You can also use the PARMGEN workflow generator, which steps you through the configuration process.

To set the values of these parameters, use the PARMGEN configuration method. The PARMGEN configuration method uses a runtime environment based approach to configuration. The interactive or batch mode in the Configuration Tool (ICAT) is also an available method.

The PARMGEN method can be used for creating new runtime environments and for upgrading existing ones that were created from product versions for which the PARMGEN configuration method was enabled.

To upgrade from a product version lower than OMEGAMON XE for CICS on z/OS V4.2.0, you must use the Configuration Tool to initially perform the upgrade and then after the upgrade to version V5.1.0 has been completed, you can convert to using the PARMGEN method.

This guide is a reference for the OMEGAMON XE for CICS on z/OS, OMEGAMON II for CICS and OMEGAMON XE for CICS TG on z/OS component parameters. The OMEGAMON enhanced 3270 user interface component parameters are in the IBM Tivoli OMEGAMON XE and Tivoli Management Services on z/OS: Common Parameter Reference.

For more information, see "Using the PARMGEN method to set parameter values" in the IBM Tivoli OMEGAMON XE and Tivoli Management Services on z/OS: Common Planning and Configuration Guide, the IBM Tivoli OMEGAMON XE and Tivoli Management Services on z/OS: Common Parameter Reference, and the IBM Tivoli OMEGAMON XE and Tivoli Management Services on z/OS: PARMGEN Reference.

A great deal of information is available in this parameter reference about each parameter, including a description of the parameter, its name in both batch and PARMGEN configuration methods, where it is found in the Configuration Tool (name, panel, panel ID, and field), where it is stored, and related parameters (those that are part of the same PARMGEN group). Some details about these fields are found in the information that follows.

Attention: Do not attempt to do all configuration for this product using only this guide. This reference book must work in tandem with the IBM Tivoli OMEGAMON XE and Tivoli Management Services on z/OS: Common Planning and Configuration Guide. Many of the pre- and post-configuration tasks described in the common configuration guide and in the IBM Tivoli OMEGAMON XE for CICS on z/OS: Planning and Configuration Guide must also be performed regardless of whether you use the PARMGEN or the Configuration Tool configuration method.

Location of stored configuration parameters

Most OMEGAMON XE for CICS on z/OS configuration parameters and their configured values are stored in the KC5ENV, KC5SYSIN, or KC2SYSIN members of the &rhilev.&midlev.&rtename.RKANPARU and RKANCMDU data sets for each runtime environment, where &rhilev is the runtime high-level qualifier, &midlev is the mid-level qualifier, and &rtename is the name of the runtime environment. The
members are prefixed with the product component prefix, where **KC5** is OMEGAMON XE for CICS on z/OS, **KC2** is OMEGAMON II for CICS (CUA) and OMEGAMON for CICS (3270), and **KGW** is OMEGAMON XE for CICS TG on z/OS.

The parameters that are stored in the KC5ENV member are environment variables, which determine the operating characteristics of the runtime environment in which products and components are configured. The parameters stored in the KC5SYSIN, KGWSYSIN or KC2SYSIN members are startup parameters, which determine the default startup values for each product or component. Some environment variables and startup parameters are stored in members other than KC5ENV and KC5SYSIN or KC2SYSIN, or in data sets other than RKANPARU. For example, there are RKANSAMU data set members, KC2(CCnn_CUA_VTAM_VTPOOL_PREFIX).

There are additional parameters that are neither environment variables not startup parameters, but must be included in the runtime libraries for the products and components to operate correctly.

**Parameter names**

Parameters can have different names such as the Configuration Tool name or batch parameter name.

Most parameters have several different names:

- **Stored Parameter name**
  Name of the parameter as stored in a runtime library. Example: MINIMUM (256000,X)

- **Configuration Tool field name**
  Name of the field that identifies the parameter on an interactive panel. Example: Minimum extended storage

- **Batch parameter name**
  Name of the parameter in the batch parameter member. Example: KC5_AGT_STOR_MIN_EXT

- **PARMGEN name**
  Name of the parameter in the PARMGEN parameter list. Example:
  KC5_AGT_STORAGE_MINIMUM_EXTEND

  **Note**: Batch parameter names and PARMGEN names are usually different. In this instance, they are similar.

This publication refers to each parameter by the name that is suitable for the context. For a complete cross-reference of names for the runtime environment and Tivoli Enterprise Monitoring Server parameters, see *IBM Tivoli OMEGAMON XE and Tivoli Management Services on z/OS: Parameter Reference*. For information about the parameter names for this monitoring agent, see this guide.

**Parameters with n or nn in their names**

Some parameters include *n* or *nn* in their names. These are not the actual names of these commands as you will see them in the configuration profile (your given *rte_name*). The *n* or *nn* means that you can have multiple instances of this parameter in your configuration profile. For example, you would have multiple instances of the KC5_AGT_NONSTDn_DSN, KC5_AGT_NONSTDn_MBR, KC5_AGT_NONSTDn_PARM values if you defined several nonstandard parameters. If you cannot find a parameter by searching on its full name, try searching on a part of the parameter, omitting the numbers that define instance.

**Parameters with batch names designated N/A**

Some parameters have N/A (not available) designated in the Batch name field. This designation means that these parameter cannot be set using Batch mode.
Three groups of parameters cannot be set using the Configuration Tool and cannot be updated in your environment using batch. These are the KC5_X, KGW_X, and KC2_X parameters and they are stored in the KC5SYSIN or KC2SYSxx members in the rhilev.rtename.RKANPARU library. The xx value is a number from 00 to 15. You can set these values using PARMGEN because they are part of the configuration profile (your given rte_name). If you configure your monitoring agent using the Configuration Tool and the default values provided for this product do not meet your needs, you must open the instances of these files and modify their values to suit your environment using the information in this guide.

Parameters used by the PARMGEN configuration method

The comprehensive list of parameters for this monitoring agent are used by the PARMGEN configuration method are grouped logically in the configuration profile.

The PARMGEN configuration method is the primary way to configure the Tivoli Management Services on z/OS components and the OMEGAMON XE products. The PARMGEN method might be more suitable for new OMEGAMON XE customers who are already accustomed to supplying parameter values directly in the SYS1.PARMLIB data set.

If you have runtime environments that are already configured by the Configuration Tool, a conversion utility (the KCIJPCNV job) is provided for using the existing parameter values in those runtime environments to set up initial values for new runtime environments to be configured by the PARMGEN method. After you use PARMGEN to configure new runtime environments, you cannot use the Configuration Tool to edit or maintain them. Refer to the IBM Tivoli OMEGAMON XE and Tivoli Management Services on z/OS: Common Planning and Configuration Guide for information about using this utility.

These parameters are found in the configuration profile, which can be generated from an existing runtime environment. If this is a new installation or if you do not want to base the configuration profile on an existing runtime environment, a default configuration profile is provided and can be edited.

If you want to modify values for a parameter, you have the choice of running the $PARSE/$PARSESV job again, to regenerate all of your user library parameters or you can run one of the $PARSExx, where xx = CM, SM, PR, DV jobs, which allow you to regenerate parameters associated with a specific user library. The $PARSExx jobs are similar to the $PARSE/$PARSESV jobs except that they are library-specific $PARSE jobs. Each parameter definition (where appropriate) included in this guide includes a description of the $PARSExx job that you might want to run.

These are the referenced $PARSExx jobs:

- KCIJPPRC/$PARSECM is a subset of the $PARSE job to process the PARMGEN samples from IKANCMGU into the WKANCMGU work output library.
- KCIJPPRM/$PARSESM is a subset of the $PARSE job to process the PARMGEN samples from IKANSAMU into the WKANSMU work output library.
- KCIJPPRP/$PARSEPR is a subset of the $PARSE job to process the PARMGEN samples from IKANPARU into the WKANPARU work output library.
- KCIJPPRY/$PARSEDV is a standalone job that can be run to get a list of resolved values for KCIPARSE extracted symbolics.

The aforementioned jobs provide for TYPE:CE (CHAR extracted) and TYPE:IE (INTEGER extracted) KCIPARSE extracted symbolics for System Variables that are use in the PARMGEN CONFIG parameter values. The user copy or the $PARSExx JCL is located in the WCONFIG file.

Generating and editing the PARMGEN configuration profile

You can use one of three inputs to set up a configuration profile.
A PARMGEN configuration profile, which is given the runtime environment name, contains parameter values for all the parameters in a runtime environment. You can set up a configuration profile from any of the following inputs:

- You can use the initial values provided by IBM in the configuration profile member of the WCONFIG work control library as input. This method is most suitable for new customers who do not already have a configured runtime environment.
- If you have a runtime environment that is already configured by the Configuration Tool (ICAT) method and you want to use the batch parameter values of that runtime environment, you can run a conversion tool and use the existing parameter values as initial PARMGEN parameter values.

**Attention:** After you convert the batch parameter member and then use the PARMGEN method to configure a new runtime environment, you cannot use the Configuration Tool to edit or maintain the configuration.
- You can create a new runtime environment batch parameter member in the WCONFIG library, and use the values in the batch parameter member as initial PARMGEN parameter values.

If you are a user migrating from the Configuration Tool method to the PARMGEN method, run the conversion tool to create an initial configuration profile file that contains your previous configuration. The resulting configuration profile file, stored in the WCONFIG library, is the z/OS text file that contains all the parameters for all the OMEGAMON monitoring agents on z/OS that you have installed in your environment. Edit this file to introduce any changes you want to make to your global or stack-specific values, using this book as your guide for understanding the agent-specific parameters. Then, follow the process described in the "Using the PARMGEN method to set parameter values" chapter of the *IBM Tivoli OMEGAMON XE and Tivoli Management Services on z/OS: Common Planning and Configuration Guide* to configure your instances of this monitoring agent using the PARMGEN configuration method.

If you are a new user of OMEGAMON monitoring agents, edit the sample configuration profile in the WCONFIG library to contain only those agents installed in this runtime environment and then follow the process described in the *IBM Tivoli OMEGAMON XE and Tivoli Management Services on z/OS: Common Planning and Configuration Guide*.

**Parameters in the Configuration Tool**

The interactive Configuration Tool was the original method used to define the configuration parameters for OMEGAMON XE for CICS on z/OS. Although it is still in use today, the PARMGEN method is the preferred configuration method.

If the Configuration Tool is used in interactive mode, runtime environments, monitoring agents, and infrastructure components are configured by accepting defaults or supplying values in fields on Configuration Tool panels.
- To set up the Configuration Tool and use it configure Tivoli Enterprise Monitoring Server on z/OS, refer to the *IBM Tivoli OMEGAMON XE and Tivoli Management Services on z/OS: Common Planning and Configuration Guide*.
- To use the Configuration Tool to configure OMEGAMON XE for CICS on z/OS, OMEGAMON for CICS TG on z/OS or OMEGAMON II for CICS, see the *IBM Tivoli OMEGAMON XE for CICS on z/OS: Planning and Configuration Guide*.

**Parameters in batch mode processing for the Configuration Tool**

Values you define with the Configuration Tool can be replicated to other z/OS images using batch mode processing.
After you have used the Configuration Tool in interactive mode to configure a runtime environment, you can use the tool in batch mode processing (CICATB) to replicate that environment to other z/OS images. Using batch mode processing, you can install a complete runtime environment by submitting a single batch job, rather than configuring it panel by panel.

The principal components of batch mode processing are the batch mode job and the batch parameter member. The batch mode job validates the input configuration parameters and generates the jobs required to build, configure, and load a runtime environment. The job uses a single parameter member containing all the configuration parameters as input for the jobs it generates. The parameter member is derived from an existing runtime environment using a Configuration Tool utility. You can adjust the parameters before using the parameter member to create a new runtime environment or to configure again or restore an existing one.

The parameters in this guide are also used to propagate your configuration throughout your enterprise using batch mode processing.

For information about running batch mode processing, refer to the IBM Tivoli OMEGAMON XE and Tivoli Management Services on z/OS: Common Planning and Configuration Guide. For reference information about the parameters used in configuring OMEGAMON XE for CICS on z/OS, see this guide and the Configuration Tool help panels and parameter maps (described in the “Obtaining parameter reports” section of the IBM Tivoli OMEGAMON XE and Tivoli Management Services on z/OS: Common Planning and Configuration Guide).

**Default values**

All components and the monitoring agent have default values defined for them.

If the OMEGAMON XE for CICS on z/OS monitoring agent is configured in the Tivoli Enterprise Monitoring Server address space, the Tivoli Enterprise Monitoring Server parameter values apply to both the Tivoli Enterprise Monitoring Server and the monitoring agent, and the monitoring agent does not have its own parameters. If the OMEGAMON XE for CICS on z/OS monitoring agent is configured to be stand-alone, then the monitoring agent parameter values apply only to the monitoring agent, and the Tivoli Enterprise Monitoring Server values have no effect on the monitoring agent.

Default values for the runtime environment and Tivoli Enterprise Monitoring Server parameters are documented in the IBM Tivoli OMEGAMON XE and Tivoli Management Services on z/OS: Common Parameter Reference. Default values for this monitoring agent are documented in this guide and are shown in the Configuration Tool panels, batch mode data dictionaries, and parameter maps (described in “Obtaining parameter reports” in the IBM Tivoli OMEGAMON XE and Tivoli Management Services on z/OS: Common Planning and Configuration Guide).
Chapter 2. KC2 configuration parameters

The configuration parameters for the OMEGAMON II for CICS component are grouped logically in the configuration file.

This section explains the parameters found in the OMEGAMON II for CICS section of the PARMGEN configuration profile. The prefix associated with OMEGAMON II for CICS component is KC2.

These parameters control both the OMEGAMON II for CICS (CUA) and OMEGAMON for CICS (3270) component configuration, so they generate both KC2 and KOC prefixed members, where applicable.

If you specify Y, for the CONFIGURE_CICS_KC5 parameter of OMEGAMON XE for CICS on z/OS, including OMEGAMON II for CICS (CUA) and OMEGAMON for CICS (3270), the KC5 and KC2 parameters are generated and used in the runtime environment configuration. If the value is N, then all KC2 and KC5 parameters are ignored.

The following parameters are located in the configuration profile (either your rte_name or $CFG$IBM) file. They are grouped and listed here in the order they might be used to configure the initial values for the various OMEGAMON II for CICS and OMEGAMON for CICS (3270) features:

- **The number of OMEGAMON II for CICS (CUA) and OMEGAMON for CICS (3270) address space pairs to monitor**
  - “KC2_CLASSIC_STC_NUM” on page 23
- **The OMEGAMON II for CICS (CUA) and OMEGAMON for CICS (3270) pairs table to monitor**
  - “KC2 CC” on page 9
  - “KC2 CCnn_ROW” on page 19
  - “KC2 CCnn CLASSIC_STC” on page 10
  - “KC2 CCnn CLASSIC_VTAM APPL LOGON” on page 11
  - “KC2 CCnn CLASSIC_XMIT” on page 12
  - “KC2 CCnn CUA CICS_REGION” on page 13
  - “KC2 CCnn CUA STC” on page 14
  - “KC2 CCnn CUA VTAM APPL LOGON” on page 15
  - “KC2 CCnn CUA VTAM APPL_OPERATOR” on page 16
  - “KC2 CCnn CUA VTAM_NODE” on page 17
  - “KC2 CCnn CUA VTAM_VTPOOL_PREFIX” on page 18
- **OMEGAMON II for CICS (CUA) initialization values (These initial values apply to all of the OMEGAMON II for CICS (CUA) address spaces that are defined to a runtime environment)**
  - “KC2 CUA FOLD_OUTPUT_UPPERCASE” on page 26
  - “KC2 CUA SIMPLIFIED_SIGNON” on page 32
  - “KC2 CUA VTAM_VTPOOL_NUM” on page 33
  - “KC2 CUA WTO MSG” on page 35
  - “KC2 X CUA LROWS” on page 56
  - “KC2 X CUA TIPS” on page 57
  - “KC2 X CUA_USER_PROFILE” on page 58
- **OMEGAMON II for CICS (CUA) security information (These initial values apply to all of the OMEGAMON II for CICS (CUA) address spaces that are defined to a runtime environment)**
  - “KC2 CUA_SECURITY” on page 27
  - “KC2 CUA_SECURITY_SRBEEXIT_FLAG” on page 31
  - “KC2 CUA_SECURITY_RESOURCE_CLASS” on page 29
  - “KC2 X SECURITY_USER_EXIT” on page 59
- **OMEGAMON II for CICS (CUA) ITM:Engine initialization values (These initial values apply to all of the OMEGAMON II for CICS (CUA) address spaces that are defined to a runtime environment)**
  - “KC2 X CICS_CONFIRM_SHUTDOWN” on page 43
- "KC2_X_CICS_DEBUG_TRACE" on page 44
- "KC2_X_CICS_LGSA_VERIFY" on page 45
- "KC2_X_CICS_LSRPOOL_BUFFER_NUMn" on page 46
- "KC2_X_CICS_LSRPOOL_BUFSIZEn" on page 47
- "KC2_X_CICS_SDUMP_SVC_SYS1_DUMP" on page 48
- "KC2_X_CICS_STORAGE_LIMIT_EXTEND" on page 50
- "KC2_X_CICS_STORAGE_LIMIT_PRIMARY" on page 51
- "KC2_X_CICS_STORAGE_MIN_EXTEND" on page 52
- "KC2_X_CICS_STORAGE_STGDEBUG" on page 53
- "KC2_X_CICS_WTO_ROUTE_TYPE" on page 55
- "KC2_X_CICS_WTO_ROUTE_CODE" on page 54

• OMEGAMON for CICS (3270) initial values (These initial values apply to all of the OMEGAMON for CICS (3270) address spaces that are defined to a runtime environment)
  - "KC2_CLASSIC_U_MAX" on page 25
  - "KC2_X_CLASSIC_LROWS" on page 41
  - "KC2_X_CLASSIC_USER_PROFILE" on page 42

• OMEGAMON for CICS (3270) Optionally generate the JCL to allocate online historical data sets
  - "KC2_CLA_RTEN_IN_HIST_DSN" on page 20

• Historical datastore allocation table
  - "KC2_HS" on page 36
  - "KC2_HSnn_ROW" on page 40
  - "KC2_HSnn_ACT" on page 37
  - "KC2_HSnn_CLASSIC_CICS_REGION" on page 38
  - "KC2_HSnn_CLASSIC_VSAM_CYL" on page 39

• OMEGAMON for CICS (3270) Optionally generate the JCL to copy the global data area source members to a runtime environment xKANPARU library
  - "KC2_CLASSIC_KC2GLB_SRCLIB" on page 21
  - "KC2_CLASSIC_KC2GLB_SUFLISTn" on page 22

More information can be found about each of these parameters by consulting the alphabetic list of OMEGAMON II for CICS parameters in this chapter.
The KC2_CC syntax marker indicates the beginning and end of the KC2_CC_* block of values.

**Required or optional**
Not a parameter. KC2_CC is a syntax marker in the configuration profile (either your `rte_name` or `$CFG$IBM`) file that marks the beginning and end of the KC2_CC_* block of values.

**Location where the parameter value is stored**
The parameter value is not stored, but is used for internal processing.

**Parameter name**
C2SNAINT (Row begin group end indicator)

**Default value**
BEGIN

**Permissible values**
BEGIN, END

**In the Configuration Tool (ICAT)**
This value cannot be defined using the Configuration Tool.

**Batch parameter name**
KC2_CC

**Related parameters**
- “KC2 CLASSIC STC_NUM” on page 23
- “KC2_CCnn_ROW” on page 19
- “KC2_CCnn CLASSIC XMIT” on page 12
- “KC2_CCnn CLASSIC STC” on page 10
- “KC2 CCnn CUA STC” on page 14
- “KC2 CCnn CUA VTAM VTPOOL PREFIX” on page 18
- “KC2 CCnn CUA VTAM NODE” on page 17
- “KC2 CCnn CUA VTAM APPL_LOGON” on page 15
- “KC2 CCnn CUA CICS REGION” on page 13
- “KC2 CCnn CLASSIC VTAM APPL LOGON” on page 11
- “KC2 CCnn CUA VTAM APPL OPERATOR” on page 16
**KC2_CCnn_CLASSIC_STC**

Use the KC2_CCnn_CLASSIC_STC parameter to specify the name of the OMEGAMON for CICS (3270) started task on the monitored system. This started task must be copied to your system procedure library.

**Required or optional**
- Required

**Location where the parameter value is stored**
In the &C2T1CINM member in the rhilev.midlev.rlename.xKANSAMU library, where x can be R, W, or I.

**Selective $PARSE job processing**
Run the library-specific $PARSESM IKANSAMU->WKANSAMU file-tailoring job to regenerate only the WKANSAMU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION:
- CONFIG/SELECT MEMBER section of the $PARSESM member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KC2*.

**Parameter name**
CANSOC0 (OMEGAMON for CICS (3270) started task)

**Default value**
CANSOC0

**Permissible values**
CANSOC0

**In the Configuration Tool (ICAT)**

**Panel name**
SPECIFY CONFIGURATION VALUES / RTE: rlename

**Panel ID**
KC256PB

**Field**
STC name

**Default value**
CANSOC0

**Permissible values**
See the IBM JCL Reference Guide for a list of STC naming conventions.

**Batch parameter name**
KC2_CCnn_CLASSIC_STC

**Related parameters**
- "KC2_CLASSIC_STC_NUM" on page 23
- "KC2_CC" on page 9
- "KC2_CCnn_ROW" on page 19
- "KC2_CCnn_CLASSIC_XMIT" on page 12
- "KC2_CCnn_CUA_STC" on page 14
- "KC2_CCnn_CUA_VTAM_VTPOOL_PREFIX" on page 18
- "KC2_CCnn_CUA_VTAM_NODE" on page 17
- "KC2_CCnn_CUA_CICS_REGION" on page 13
- "KC2_CCnn_CLASSIC_VTAM_APPL_LOGON" on page 11
- "KC2_CCnn_CUA_VTAM_APPL_LOGON" on page 15
- "KC2_CCnn_CUA_VTAM_APPL_OPERATOR" on page 16
- "KC2_CLASSIC_U MAX" on page 25
**KC2_CCnn_CLASSIC_VTAM_APPL_LOGON**

Use the KC2_CCnn_CLASSIC_VTAM_APPL_LOGON parameter to specify the logon APPLID used to log onto the OMEGAMON for CICS (3270) interface.

**Required or optional**
- Required

**Location where the parameter value is stored**
In the &C2T1CINM member of the &rhilev.midlev.rtename.xKANSAMU library, where x can be R, W, or I. Copy the member to your SYS1.VTAMLST library after configuration is complete.

**Selective $PARSE job processing**
Run the library-specific $PARSESM IKANSAMU->WKANSAMU file-tailoring job to regenerate only the WKANSAMU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESM member update the SELECT MEMBER=(* ) statement to SELECT MEMBER=KC2*.

**Parameter name**
OCII_COMMON_INTERFACE_APPLID=&C2T1CIVT (OMEGAMON for CICS (3270) Startup parameters)

**Default value**
CTDOC0

**Permissible values**
A character string no longer than eight characters in length

**In the Configuration Tool (ICAT)**

**Panel name**
SPECIFY CONFIGURATION VALUES / RTE: rtename

**Panel ID**
KC256PB

**Field**
OMEGAMON product logon applid

**Default value**
CTDOC0

**Permissible values**
A character string no longer than eight characters in length

**Batch parameter name**
KC2_CCnn_CLASSIC_VTAM_APPL_LOGON

**Related parameters**
- “KC2_CLASSIC_STC_NUM” on page 23
- “KC2 CC” on page 9
- “KC2_CCnn_CUA_VTAM_VTPOOL_PREFIX” on page 18
- “KC2_CCnn_ROW” on page 19
- “KC2_CCnn_CLASSIC_XMIT” on page 12
- “KC2_CCnn_CLASSIC_STC” on page 10
- “KC2_CCnn_CUA_STC” on page 14
- “KC2_CCnn_CUA_VTAM_NODE” on page 17
- “KC2_CCnn_CUA_CICS_REGION” on page 13
- “KC2_CCnn_CUA_VTAM_APPL_OPERATOR” on page 16
- “KC2_CCnn_CUA_VTAM_APPL_LOGON” on page 15
**KC2_CCnn_CLASSIC_XMIT**

Use the KC2_CCnn_CLASSIC_XMIT parameter to specify the XMIT number for the OMEGAMON for CICS (3270) address space.

If you generate more than one pair, you must add a RKC2XMnn DD DUMMY statement to the CICS JCL, to identify which OMEGAMON II for CICS pair is monitoring the CICS region. If you use only one pair, identified by suffix 00, this DD statement is not required. Additional pairs use 01 to 15.

**Required or optional**  
Required

**Location where the parameter value is stored**

In the &C2T1OCIDx member of the rhilev.midlev.rtename.xKANSAMU library, where x can be R, W or I.

**Selective $PARSE job processing**

Run the library-specific $PARSESM IKANSAMU->WKANSAMU file-tailoring job to regenerate only the WKANSAMU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESM member update the SELECT MEMBER= (+) statement to SELECT MEMBER=KC2*.

**Parameter name**

RKC2XMnn DD DUMMY(OMEGAMON for CICS (3270) started task)

**Default value**

00

**Permissible values**

00-15

**In the Configuration Tool (ICAT)**

**Panel name**

N/A

**Panel ID**

N/A

**Field**

N/A

**Default value**

00

**Permissible values**

00-15

**Batch parameter name**

KC2_CCnn_CLA_XMIT

**Related parameters**

- "KC2_CLASSIC_STC_NUM" on page 23
- "KC2_CC" on page 9
- "KC2_CCnn_ROW" on page 19
- "KC2_CCnn_CUA_STC" on page 14
- "KC2_CCnn_CLASSIC_STC" on page 10
- "KC2_CCnn_CUA_VTAM_VTPOOL_PREFIX" on page 18
- "KC2_CCnn_CUA_VTAM_NODE" on page 17
- "KC2_CCnn_CLASSIC_VTAM_APPL_LOGON" on page 11
- "KC2_CCnn_CUA_VTAM_APPL_LOGON" on page 15
- "KC2_CCnn_CUA_VTAM_APPL_OPERATOR" on page 16
- "KC2_CCnn_CUA_CICS_REGION" on page 13
**KC2_CCnn_CUA_CICS_REGION**

Use the KC2_CCnn_CUA_CICS_REGION parameter to specify the default CICS region on your OMEGAMON II for CICS (CUA) monitored system.

**Required or optional**

Optional

**Location where the parameter value is stored**

In the KC2IPA00 member of the rhilev.midlev.rtename.xKANSAMU library, where x can be R, W or I.

**Selective $PARSE job processing**

Run the library-specific $PARSESM IKANSAMU->WKANSAMU file-tailoring job, to regenerate only the WKANSAMU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section, of the $PARSESM member, update the SELECT MEMBER=(*) statement to SELECT MEMBER=KC2*.

**Parameter name**

CICS_JOB_NAME=&C2T1CICS (OMEGAMON II (CUA) Default CICS region)

**Default value**

*Default value*

**Permissible values**

*Permissible values*

**In the Configuration Tool (ICAT)**

**Panel name**

SPECIFY CONFIGURATION VALUES / RTE: rtename

**Panel ID**

KC256PB

**Field**

N/A

**Default value**

*Default value*

**Permissible values**

*Permissible values*

**Batch parameter name**

KC2_CCnn_CUA_CICS_REGN

**Related parameters**

- "KC2_CLASSIC_STC_NUM" on page 23
- "KC2_CC" on page 9
- "KC2_CCnn ROW" on page 19
- "KC2_CCnn CLASSIC XMIT" on page 12
- "KC2_CCnn CUA_STC" on page 14
- "KC2_CCnn CUA CLASSIC STC" on page 10
- "KC2_CCnn CUA_VTAM_VTPOOL_PREFIX" on page 18
- "KC2_CCnn CUA_VTAM_NODE" on page 17
- "KC2_CCnn CLASSIC_VTAM_APPL_LOGON" on page 11
- "KC2_CCnn CUA_VTAM_APPL_LOGON" on page 15
- "KC2_CCnn CUA_VTAM_APPL_OPERATOR" on page 16
**KC2_ CCnn_CUA_STC**

Use the KC2_ CCnn_CUA_STC parameter to specify the name of the OMEGAMON II for CICS (CUA) started task on the monitored system. This started task must be copied to your system procedure library.

**Required or optional**
- Optional

**Location where the parameter value is stored**
In the &C2T1OMNM member of the rhilev.midlev.rtename.xKANSAMU library, where x can be R, W or I.

**Selective $PARSE job processing**
Run the library-specific $PARSESM IKANSAMU->WKANSAMU file-tailoring job to regenerate only the WKANSAMU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESM member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KC2*.

**Parameter name**
CANSC2O (CUA Started Task)

**Default value**
CANSC2O

**Permissible values**
See the IBM JCL Reference Guide for a list of STC naming conventions.

**In the Configuration Tool (ICAT)**

**Panel name**
SPECIFY CONFIGURATION VALUES / RTE: rtename

**Panel ID**
KC256PB, KC256PB1, KC256PV1

**Field**
OMEGAMON II CUA STC Name

**Default value**
CANSC2O

**Permissible values**
See the IBM JCL Reference Guide for a list of STC naming conventions.

**Batch parameter name**
KC2_CC_CUA_STC

**Related parameters**
- “KC2_CLASSIC_STC_NUM” on page 23
- “KC2_CCnn_CUA_VTAM_VTPOOL_PREFIX” on page 18
- “KC2_CCnn_CUA_VTAM_NODE” on page 17
- “KC2_CCnn_CUA_CICS_REGION” on page 13
- “KC2_CCnn_CUA_VTAM_APPL_OPERATOR” on page 16
- “KC2_CCnn_CUA_VTAM_APPL_LOGON” on page 15
- “KC2_CUA_VTAM_VTPOOL_NUM” on page 33
- “KC2_CUA_FOLD_OUTPUT_UPPERCASE” on page 26
- “KC2_CUA_WTO_MSG” on page 35
- “KC2_CUA_SIMPLIFIED_SIGNON” on page 32
**KC2_CCnn_CUA_VTAM_APPL_LOGON**

Use the KC2_CCnn_CUA_VTAM_APPL_LOGON parameter to specify the logon APPLID used to log onto OMEGAMON II (CUA). You use this APPLID to log on to OMEGAMON II (CUA) and to connect OMEGAVIEW with OMEGAMON II for CICS. The default is CTDC2n, where n is 0-F for each address space pair.

**Required or optional**
- Required

**Location where the parameter value is stored**
- In the &X2T1VTND member of the rhilev.midlev.rtename.xKANSAMU library, where x can be R, W or I. Copy this member to your SYS1.VTAMLST library after configuration is complete.

**Selective $PARSE job processing**
- Run the library-specific $PARSESM IKANSAMU->WKANSAMU file-tailoring job to regenerate only the WKANSAMU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESM member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KC2*.

**Parameter name**
- &X2T1OMVT APPL AUTH=(ACQ,NVPACE,PASS,SPO) (OMEGAMON II (CUA) VTAM definitions)

**Default value**
- CTDC2n

**Permissible values**
- A character string no longer than eight characters in length

**In the Configuration Tool (ICAT)**

**Panel name**
- SPECIFY CONFIGURATION VALUES / RTE: rtename

**Panel ID**
- KC256PB,

**Field**
- OMEGAMON product logon applid

**Default value**
- CTDC2n

**Permissible values**
- A character string no longer than eight characters in length

**Batch parameter name**
- KC2_CCnn_CUA_VTM_APPL_LOGON

**Related parameters**
- "KC2_CLASSIC_STC_NUM" on page 23
- "KC2_CC" on page 9
- "KC2_CLASSIC_STC_NUM" on page 23
- "KC2_Ccnn ROW" on page 19
- "KC2_CCnn_CLASSIC_XMIT" on page 12
- "KC2_CCnn CLASSIC_STC" on page 10
- "KC2_CCnn CUA_STC" on page 14
- "KC2_CCnn CLASSIC_VTAM_APPL_LOGON" on page 11
- "KC2_CCnn CUA_VTM_NODE" on page 17
- "KC2_CCnn CUA_VTAM_APPL_OPERATOR" on page 16
- "KC2_CCnn CUA_VTAM_VTPool_PREFIX" on page 18
- "KC2_CCnn CUA_CICS_REGION" on page 13
**KC2_CCnn_CUA_VTAM_APPL_OPERATOR**

Use the KC2_CCnn_CUA_VTAM_APPL_OPERATOR parameter to specify the APPLID for logging onto the OMEGAMON II for CICS (CUA) operator facility.

**Required or optional**

Required

**Location where the parameter value is stored**

In the CTDC2nO member, where \( n \) is 0-F for each address space pair, of the `rhilev.midlev.rtename:xKANSAMU` library, where \( x \) can be R, W or I. Copy this member to your SYS1.VTAMLST library after configuration is complete.

**Selective $PARSE job processing**

Run the library-specific $PARSESM IKANSAMU->WKANSAMU file-tailoring job to regenerate only the WKANSAMU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESM member update the SELECT MEMBER=(*+) statement to SELECT MEMBER=KC2*.

**Parameter name**

OMEGAMON II for CICS (CUA) operator APPLID

**Default value**

CTDC2nO

**Permissible values**

A valid applid name no longer than eight characters in length

**In the Configuration Tool (ICAT)**

**Panel name**

SPECIFY CONFIGURATION VALUES / RTE: `rtename`

**Panel ID**

KC256PB

**Field**

OMEGAMON II for CICS (CUA) operator applid

**Default value**

CTDC2nO

**Permissible values**

A valid APPLID name no longer than eight characters in length

**Batch parameter name**

KC2_CCnn_CUA_VTM_APPL_OPR

**Related parameters**

- "KC2_CLASSIC_STC_NUM" on page 23
- "KC2_CC" on page 9
- "KC2_CLASSIC_STC_NUM" on page 23
- "KC2_CCnn ROW" on page 19
- "KC2_CCnn CLASSIC XMIT" on page 12
- "KC2_CCnn CLASSIC_STC" on page 10
- "KC2_CCnn CUA_STA" on page 14
- "KC2_CCnn CLASSIC_VTAM APPL LOGON" on page 11
- "KC2_CCnn CUA_VTAM.NODE" on page 17
- "KC2_CCnn CUA_VTAM APPL LOGON" on page 15
- "KC2_CCnn CUA_VTAM_VTPOOL PREFIX" on page 18
- "KC2_CCnn_CUA_CICS_REGION" on page 13
**KC2_CCnn_CUA_VTAM_NODE**

Use the KC2_CCnn_CUA_VTAM_NODE parameter to specify the major node name for the application definitions of the OMEGAMON II for CICS (CUA) major node in the VTAMLST library.

**Required or optional**
- Required

**Location where the parameter value is stored**

The VTAM® major node is created in the &X2T1VTND member of the rhilev.midlev.rlename.KANSAMU library, where x can be R, W or I. You specify the name of the major node when you define OMEGAMON II for CICS configuration values.

**Selective $PARSE job processing**

Run the library-specific $PARSESM IKANSAMU->WKANSAMU file-tailoring job to regenerate only the WKANSAMU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESM member update the SELECT MEMBER=(*|KC2*) statement to SELECT MEMBER=KC2*.

**Parameter name**

&X2T1VTND VBUILD TYPE=APPL (OMEGAMON product major node)

**Default value**

CTDC2nN

**Permissible values**

A character string no longer than eight characters in length

**In the Configuration Tool (ICAT)**

**Panel name**

SPECIFY CONFIGURATION VALUES / RTE: rlename

**Panel ID**

KC256PB

**Field**

N/A

**Default value**

CTDC2nN

**Permissible values**

A character string no longer than eight characters in length

**Batch parameter name**

KC2_CCnn_CUA_VTM_NODE

**Related parameters**

- "KC2_CLASSIC_STC_NUM" on page 23
- "KC2_CC" on page 9
- "KC2_CCnn ROW" on page 19
- "KC2_CCnn CLASSIC_XMIT" on page 12
- "KC2_CCnn CUA_STC" on page 14
- "KC2_CCnn CLASSIC_STC" on page 10
- "KC2_CCnn CUA_VTAM_VTPOOL_PREFIX" on page 18
- "KC2_CCnn CLASSIC_VTAM_APPL_LOGON" on page 11
- "KC2_CCnn CUA_VTAM_APPL_LOGON" on page 15
- "KC2_CCnn CUA_VTAM_APPL_OPERATOR" on page 16
- "KC2_CCnn_CUA_CICS_REGION" on page 13
**KC2_CCnn_CUA_VTAM_VTPOOL_PREFIX**

Use the KC2_CCnn_CUA_VTAM_VTPOOL_PREFIX parameter to generate VTAM applids for OMEGAMON II for CICS (CUA) virtual terminals. The TMS:Engine uses these virtual terminals to connect OMEGAMON II for CICS (CUA) with the OMEGAMON for CICS (3270) system address space.

**Required or optional**
- **Required**

**Location where the parameter value is stored**
- In the KC2NODE member of the rhilev.midlev.rtename.xKANSAMU library, where x can be R, W or I. Copy this member to your SYS1.VTAMLST library after the configuration is complete.

**Selective $PARSE job processing**
- Run the library-specific $PARSESM IKANSAMU->WKANSAMU file-tailoring job to regenerate only the WKANSAMU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESM member update the SELECT MEMBER=(*+) statement to SELECT MEMBER=KC2*.

**Parameter name**
- &X2T1VTPF* APPL AUTH=(ACQ,NVPACE) (VTAM Virtual Terminal Prefix)

**Default value**
- CTDCn, where n is 0-F for each address space pair.

**Permissible values**
- Character string up to six characters in length.

**In the Configuration Tool (ICAT)**

**Panel name**
- SPECIFY CONFIGURATION VALUES / RTE: rtename

**Panel ID**
- KC256PB, KC256PB1

**Field**
- N/A

**Default value**
- CTDCn, where n is 0-F for each address space pair.

**Permissible values**
- Character string up to six characters in length.

**Batch parameter name**
- KC2_CCnn_CUA_VTM_VTRM_PREF

**Related parameters**
- “KC2_CC” on page 9
- “KC2_CLASSIC_STC_NUM” on page 23
- “KC2_CCnn ROW” on page 19
- “KC2_CCnn CLASSIC XMIT” on page 12
- “KC2_CCnn CLASSIC_STC” on page 13
- “KC2_CCnn CUA_STC” on page 14
- “KC2_CCnn CLASSIC VTAM APPL LOGON” on page 11
- “KC2_CCnn CUA_VTAM NODE” on page 17
- “KC2_CCnn CUA VTM APPL LOGON” on page 13
- “KC2_CCnn CUA_VTAM APPL OPERATOR” on page 16
- “KC2_CCnn_CUA_VTAM_VTPOOL_PREFIX” on page 17
- “KC2_CCnn_CUA_CICS_REGION” on page 13
KC2_CCnn_ROW

Use the KC2_CCnn_ROW parameter to indicate the beginning or end of a single address space pair group.

Required or optional

Required

Location where the parameter value is stored

The parameter value is not stored.

Parameter name

Row begin indicator

Default value

01

Permissible values

01-16

In the Configuration Tool (ICAT)

This value cannot be defined using the Configuration Tool.

Batch parameter name

KC2_CC_ROW

Related parameters

- “KC2_CLASSIC_STC_NUM” on page 23
- “KC2_CC” on page 9
- “KC2_CCnn_CLASSIC_XMIT” on page 12
- “KC2_CCnn_CUA_STC” on page 14
- “KC2_CCnn_CLASSIC_STC” on page 10
- “KC2_CCnn_CUA_VTAM_VTPOOL_PREFIX” on page 18
- “KC2_CCnn_CUA_VTAM_NODE” on page 17
- “KC2_CCnn_CLASSIC_VTAM_APPL_LOGON” on page 11
- “KC2_CCnn_CUA_VTAM_APPL_LOGON” on page 15
- “KC2_CCnn_CUA_VTAM_APPL_OPERATOR” on page 16
- “KC2_CCnn_CUA_CICS_REGION” on page 13
**KC2_CLA_RTEN_IN_HIST_DSN**

The KC2_CLA_RTEN_IN_HIST_DSN parameter specifies whether or not to include the runtime environment name in the CICS region task history Dataset Name (DSN).

If the KC2_HS_ACT parameter is specified in the batch process of the Configuration Tool, this parameter will be used to specify whether the runtime environment name is included in the generated ONDV task history data set name. Specify **Y**, if the runtime environment name should be included in the task history data set name. Specify **N**, if the runtime environment name should not be included in the task history data set name. If you change the value of the option to include the runtime environment name in the generated data set name, then any global runtime environment action process such as deleting the runtime environment will not be able to locate the existing task history data sets.

**Required or optional**
- Optional

**Location where the parameter value is stored**
- N/A

**Parameter name**
- Use this parameter and specify Y or N; it will include the runtime environment name in the DSN of the historical data set allocation.

**Default value**
- Y

**Permissible values**
- Y, N

**In the Configuration Tool (ICAT)**

**Panel name**
- TASK HISTORY DATASET ALLOCATION

**Panel ID**
- KC256PI

**Field**
- Include RTE name in the generated dataset names? (Y, N)

**Default value**
- Y

**Permissible values**
- Y, N

**Batch parameter name**
- KC2_CLA_RTEN_IN_DSN

**Related parameters**
- “KC2_CCnn_CLASSIC_STC” on page 10
- “KC2_HS” on page 36
KC2_CLASSIC_KC2GLB_SRCLIB

Use the KC2_CLASSIC_KC2GLB_SRCLIB to specify the library which stores the global data area. A Global Data Area is used to set the monitoring options for one or more CICS regions. You maintain the parameter statements for the Global Data Area in a partitioned data set (PDS).

Required or optional
Required

Location where the parameter value is stored
The location of where the global data are is stored.

Parameter name
N/A

Default value
NULL, see the IBM JCL Reference Guide for a list of naming conventions.

Permissible values
N/A

In the Configuration Tool (ICAT)

Panel name
MANAGE CICS GLOBAL DATA AREA

Panel ID
KC256PL, KC256PM

Field
Global Data Area library

Default value
NULL, see the IBM JCL Reference Guide for a list of STC naming conventions.

Permissible values
N/A

Batch parameter name
KC2_CLA_GLOB_SRCLIB

Related parameters
None
**KC2_CLASSIC_KC2GLB_SUFLISTn**

Use the KC2_CLASSIC_KC2GLB_SUFLISTn parameter to specify the Global Data Area suffix list for the OMEGAMON for CICS (3270) component. Each KC2_CLASSIC_KC2GLB_SUFLIST parameter has a unique name and the n represents a number, 1-5, in the suffix list. For example, KC2_CLASSIC_KC2GLB_SUFLIST1.

This parameter specifies the list of global data area suffixes of global members that you want copied from KC2_CLASSIC_KC2GLB_SRCLIB into &hilev. RKANPARU library for reconstruction of the runtime environment.

**Required or optional**
- Optional

**Location where the parameter value is stored**
- N/A

  **Parameter name**
  - N/A

  **Default value**
  - NULL

  **Permissible values**
  - N/A

**In the Configuration Tool (ICAT)**

  **Panel name**
  - GLOBAL LIST

  **Panel ID**
  - KC256PG3

  **Field**
  - N/A

  **Default value**
  - NULL

  **Permissible values**
  - N/A

**Batch parameter name**
- KC2_CLA_GLOB_SUFLIST

**Related parameters**
- None
**KC2_CLASSIC_STC_NUM**

Use the KC2_CLASSIC_STC_NUM parameter to specify the OMEGAMON for CICS (3270) and OMEGAMON II for CICS (CUA) address space pairs to be monitored.

If you are a new user, begin by generating only one pair.

If you experience virtual storage constraints in OMEGAMON II for CICS, you can generate multiple address pairs for an LPAR. The virtual storage used will vary depending upon the region size, the number of CICS regions monitored, the monitoring options selected, and the number of active user sessions.

When adding pairs, the following rules apply:

- Specify the number of pairs of address spaces to generate. Each pair is assigned a two-digit suffix to uniquely identify parameter members, sample members, and libraries of the pair. These members and libraries reside in the same runtime environment.
- If you generate more than one pair, you must add an RKC2XMnn DD DUMMY statement to the CICS JCL, to identify which OMEGAMON II for CICS pair is monitoring the CICS region. If you use only one pair, identified by suffix 00, this DD statement is not required. Additional pairs use 01 to 15.

**Required or optional**

- Required

**Location where the parameter value is stored**

- In the CANSC2x and CANSOC x, started task, where x =0-16 (up to 16 address space pairs) of the rhilev.rtename.xKANPARU library, where x can be R, W, or I.

**Selective $PARSE job processing**

- Run the library-specific $PARSESM IKANCMDU->WKANCMDU file-tailoring job to regenerate only the WKANSAMU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESM member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KC2*.

**Parameter name**

- N/A

**Default value**

- 1

**Permissible values**

- 1-16

**In the Configuration Tool (ICAT)**

- **Panel name**
  - NA

- **Panel ID**
  - NA

- **Field**
  - NA

- **Default value**
  - 1

- **Permissible values**
  - 1-16

**Batch parameter name**

- KC2_CLA_STC_NUM
Related parameters

- "KC2_CC" on page 9
- "KC2_CCnn_ROW" on page 19
- "KC2_CCnn_CLASSIC_XMIT" on page 12
- "KC2_CCnn_CLASSIC_STC" on page 10
- "KC2_CCnn_CUA_STC" on page 14
- "KC2_CCnn_CLASSIC_VTAM_APPL_LOGON" on page 11
- "KC2_CCnn_CUA_VTAM_NODE" on page 17
- "KC2_CCnn_CUA_VTAM_APPL_LOGON" on page 15
- "KC2_CCnn_CUA_VTAM_APPL_OPERATOR" on page 16
- "KC2_CCnn_CUA_VTAM_VTPOOL_PREFIX" on page 18
- "KC2_CCnn_CUA_CICS_REGION" on page 13
**KC2_CLASSIC_UMAX**

Use the KC2_CLASSIC_UMAX parameter to specify the maximum number of concurrent sessions that OMEGAMON for CICS (3270) can support. The value specified should include the number of OMEGAMON II for CICS (CUA) session logons, any OMEGAVIEW sessions, and any Tivoli Enterprise Portal Dynamic XE to OMEGAMON for CICS (3270) linking sessions, as well as, users that might log on directly through the 3270 interface.

**Required or optional**
- Optional

**Location where the parameter value is stored:**
- In the `rhilev.midlevo.rtename.RKANCMDU` runtime library.

**Selective $PARSE job processing**
- Run the library-specific $PARSESM IKANCMDU->WKANCMDU file-tailoring job to regenerate only the WKANSAMU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESM member update the SELECT MEMBER=(* ) statement to SELECT MEMBER=KC2*.

**Parameter name**
- UMAX=99

**Default value**
- 99

**Permissible values**
- 1-99

**In the Configuration Tool (ICAT)**

**Panel name**
- SPECIFY CONFIGURATION VALUES / RTE: `rtename`

**Panel ID**
- KC256PR

**Default value**
- 99

**Permissible values**
- 1-99

**Batch parameter name**
- KC2_CLA_UMAX

**Related parameters**
- "KC2_CCnn_CUA_STC" on page 14
- "KC2_CUA_VTAM_VTPool_NUM" on page 33
**KC2_CUA_FOLD_OUTPUT_UPPERCASE**

Use the KC2_CUA_FOLD_OUTPUT_UPPERCASE parameter to fold the OMEGAMON II for CICS (CUA) output to the uppercase designation.

**Required or optional**
Optional

**Location where the parameter value is stored**
In each of the KC2STAxx members, where xx=00 to 15 of the rhilev.midlev.rtename.RKANCMDU library.

**Selective $PARSE job processing**
Run the library-specific $PARSESMTKANCMDU->WKANCMDU file-tailoring job to regenerate only the WKANSAMU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESMT member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KC2*.

**Parameter name**
UPPERDLG(N) (fold output designation)

**Default value**
No (N)

**Permissible values**
Yes (Y) or No (N)

**In the Configuration Tool (ICAT)**

**Panel name**
SPECIFY CONFIGURATION VALUES

**Panel ID**
KC256PR

**Field**

**Default value**
No (N)

**Permissible values**
Yes (Y) or No (N)

**Batch parameter name**
KC2_CUA_FOLD_OUTP

**Related parameters**
- “KC2_CCnn_CUA_VTAM_VTPOOL_PREFIX” on page 18
- “KC2_CCnn_CUA_VTAM_NODE” on page 17
- “KC2_CCnn_CUA_CICS_REGION” on page 15
- “KC2_CCnn_CUA_VTAM_APPL_OPERATOR” on page 16
- “KC2_CCnn_CUA_VTAM_APPL_LOGON” on page 15
- “KC2_CUA_VTAM_VTPOOL_NUM” on page 33
- “KC2_CUA_WTO_MSG” on page 35
- “KC2_CUA_SIMPLIFIED_SIGNON” on page 32
- “KC2_CCnn_CUA_STC” on page 14
**KC2_CUA_SECURITY**

Use the KC2_CUA_SECURITY parameter to specify the type of OMEGAMON II for CICS (CUA) sign on external security you want to enable.

These are the supported types of security:

- **NONE**: Allows any user to access the OMEGAMON II for CICS (CUA) interface without having to enter a user ID or password
- **NAM**: Security is internal to the OMEGAMON II for CICS (CUA) interface
- **RACF®, ACF2**: Invokes the corresponding external security package, which can be RACF, CA-ACF2 or TSS CA-Top Secret
- **SAF**: Invokes the System Authorization Facility.

If you specify ACF2 as your security system, enter the fully-qualified data set name of the ACF2 macro library currently in use at your site. This dsname is used to assemble the ACF2 security exit.

If this field is not supplied, the default security will be set to the global value supplied for this runtime environment. If no global value is specified, then the default setting will be NONE.

To use external function level security, specify the name of the function level security resource class. Depending on which security system you use, you might be required to perform further security tasks.

See the *IBM Tivoli OMEGAMON XE for CICS on z/OS: Planning and Configuration Guide* for more details on configuring security.

**Required or optional**

Optional

**Location where the parameter value is stored**

In the KC2NAMxx and KC2CLAxx members, where xx=00 to 15, of the rhilev.midlev rtename.RKANCMDU library.

**Selective $PARSE job processing**

Run the library-specific $PARSESM IKANCMDU->WKANCMDU file-tailoring job to regenerate only the WKANSMAMU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESM member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KC2*.

**Parameter name**

KC2SEC (External security system)

**Default value**

Global value if supplied (RTE_SECURITY_USER_LOGON), otherwise NONE

**Permissible values**

NONE, NAM, RACF, ACF2, TSS or SAF

**In the Configuration Tool (ICAT)**

**Panel name**

SPECIFY CONFIGURATION VALUES / RTE: rtename

**Panel ID**

KC256PR

**Field**

Specify security

**Default value**

Global value if supplied (RTE_SECURITY_USER_LOGON), otherwise NONE
Permissible values
NONE, NAM, RACE, ACF2, TSS or SAF

Batch parameter name
KC2_SEC_TYP

Related parameters
- “KC2_CUA_SECURITY_RESOURCE CLASS” on page 29
- “KC2_CUA_SECURITY_SRBBEXIT FLAG” on page 31
- “KC2_X_SECURITY_USER_EXIT” on page 59
Use the KC2_CUA_SECURITY_RESOURCE_CLASS parameter to specify the resource class name for OMEGAMON II for CICS (CUA) function level security.

OMEGAMON II for CICS (CUA) function level security restricts access to functions within the OMEGAMON II for CICS (CUA) interface, such as killing tasks. Your security administrator defines resource rules to an external security manager, such as CA-ACF2, RACF or CA-TOP SECRET.

On this panel, you can specify which security system to use:

- None
- RACF
- ACF2
- TSS

If you specify ACF2 as your security system, enter the fully-qualified data set name of the ACF2 macro library currently in use at your site. This dsname is used to assemble the ACF2 security exit.

To use external function level security, specify the name of the function level security resource class. Depending on which security system you use, you might be required to perform further security tasks.

**Required or optional**

Optional

**Location where the parameter value is stored**

In the KC2NAMxx and KC2CLAxx members, where xx=00 to 15 of the rhilev.midleo.rtnename.RKANCMDU library.

**Selective $PARSE job processing**

Run the library-specific $PARSESIM IKANCMGU->WKANCMGU file-tailoring job to regenerate only the WKANSAMU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESIM member, update the SELECT MEMBER=(*) statement to SELECT MEMBER=KC2*.

**Parameter name**

KC2CMND EXTERNAL=&C2VFLSRC (Function level security class name)

**Default value**

NONE

**Permissible values**

A valid resource class name no longer than eight characters in length

**In the Configuration Tool (ICAT)**

**Panel name**

SPECIFY CONFIGURATION VALUES / RTE: rtnename

**Panel ID**

KC256PR

**Field**

Function level security resource class

**Default value**

NONE

**Permissible values**

A valid resource class name no longer than eight characters

**Batch parameter name**

KC2_CUA_SEC_CLAS_NAME
Related parameters

- "KC2_CUA_SECURITY" on page 27
- "KC2_CUA_SECURITY_SREXIT_FLAG" on page 31
- "KC2_X_SECURITY_USER_EXIT" on page 59
**KC2_CUA_SECURITY_SRBEXIT_FLAG**

Use the KC2_CUA_SECURITY_SRBEXIT_FLAG parameter to specify whether you want to use the ACF/VTAM authorization path.

**Required or optional**

Optional

**Location where the parameter value is stored**

In the CTDC2xx members, where xx=00 to 15, of the rhilev.midlev.rtename.xKANSAMU library where x can be R, W, or I.

**Parameter name**

SRBEXIT=&C2VSRBXT (VTAM security setting)

This parameter name indicates whether you want to use the ACF/VTAM authorization path. If you enter Y, the SRBEXIT=YES operand is added to all OMEGAMON II for CICS (CUA) VTAM APPLIDs.

**Default value**

N

**Permissible values**

Y or N

**In the Configuration Tool (ICAT)**

**Panel name**

SPECIFY CONFIGURATION VALUES / RTE: rtename

**Panel ID**

KC256PR

**Field**

VTAM security

**Default value**

N

**Permissible values**

Y or N

**Batch parameter name**

KC2_CUA_SEC_SRBEXIT_FLAG

**Related parameters**

- "KC2_CUA_SECURITY" on page 27
- "KC2_CUA_SECURITY_RESOURCE_CLASS" on page 29
- "KC2_X_SECURITY_USER_EXIT" on page 59
**KC2_CUA_SIMPLIFIED_SIGNON**

Use the KC2_CUA_SIMPLIFIED_SIGNON parameter to enable OMEGAMON II for CICS (CUA) simplified signon by providing only your user ID and password when you sign on to OMEGAMON II for CICS. When you log on with this feature displays a list of CICS regions. From this list of CICS regions, you select the region you want to monitor.

**Required or optional**

Optional

**Location where the parameter value is stored:**

In the *rhilev.midleo.rename.RKANCMGU* runtime library.

**Selective $PARSE job processing**

Run the library-specific $PARSESM IKANCMGU->WKANCMGU file-tailoring job to regenerate only the WKANSAMU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESM member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KC2*.

**Parameter name**

OCII_COMMON_INTERFACE_APPLID=*

**Default value**

Y

**Permissible values**

Y or N

**In the Configuration Tool (ICAT)**

**Panel name**

N/A

**Panel ID**

KC256PV

**Default value**

Y

**Permissible values**

Y or N

**Batch parameter name**

KC2_CUA_SIMPL_SIGNON

**Related parameters**

- “KC2_CCnn_CUA_VTAM_VPOOL_PREFIX” on page 18
- “KC2_CCnn_CUA_VTAM_NODE” on page 17
- “KC2_CCnn_CUA_CICS_REGION” on page 13
- “KC2_CCnn_CUA_VTAM_APPL_OPERATOR” on page 16
- “KC2_CCnn CLASSIC VTAM APPL LOGON” on page 11
- “KC2_CCnn_CUA_VTAM_APPL_LOGON” on page 15
- “KC2_CUA_VTAM_VPOOL_NUM” on page 33
- “KC2_CUA_FOLD_OUTPUT_UPPERCASE” on page 26
- “KC2_CUA_WTO_MSG” on page 35
- “KC2_CCnn_CUA_STC” on page 14
KC2_CUA_VTAM_VTPPOOL_NUM

Use the KC2_CUA_VTAM_VTPPOOL_NUM parameter to specify the maximum number of virtual terminals (VTERMS) assigned to the pool.

Specifies the number of OMEGAMON II for CICS (CUA) users. OMEGAMON II for CICS uses a pool of application identifiers (applids) to connect the OMEGAMON II for CICS (CUA) address space with the OMEGAMON for CICS (3270) address space. You must specify enough definitions in the pool so that each OMEGAMON II for CICS (CUA) user can establish a connection. OMEGAMON II for CICS (CUA) will use one virtual terminal for the background OMEGAMON II for CICS (CUA)-to-OMEGAMON for CICS (3270) session. The OMEGAMON II for CICS (CUA) user can also zoom into the OMEGAMON for CICS (3270), which in turn uses a second virtual terminal APPLID. The default setting is 99.

The **"KC2_CLASSIC_UMAX" on page 25** parameter should be equal to or greater than the default setting of this parameter.

**Required or optional**

Required

**Location where the parameter value is stored**

This value is used to create virtual terminal definitions that are stored in the CTDC20N member, of the *rhilev.midlev.rtename*.RKANCMDU. This value is used to create the virtual terminal definitions and is not stored, but instead used for internal processing.

**Selective $PARSE job processing**

Run the library-specific $PARSESEM IKANCMDU->WKANCMDU file-tailoring job to regenerate only the WKANSAMU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESEM member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KC2*.

**Parameter name**

TH(&C2VPNUM) (Maximum number of VTAM pool definitions.)

The OMEGAMON II for CICS (CUA) uses a pool of APPLIDs to connect the OMEGAMON II for CICS (CUA) address space with the OMEGAMON for CICS (3270) interface. You must specify enough definitions in the pool so that each OMEGAMON II for CICS (CUA) user and OMEGAVIEW session can establish a connection. This is the maximum number of sessions (OMEGAMON II for CICS (CUA) and OMEGAVIEW) that can log on to the OMEGAMON for CICS (3270) interface.

**Default value**

99

**Permissible values**

A number between 10 and 256 inclusive.

**In the Configuration Tool (ICAT)**

**Panel name**

**SPECIFY CONFIGURATION VALUES / RTE: rtename**

**Panel ID**

KC256PB, KC256PB1, KC256PR

**Field**

N/A

**Default value**

99

**Permissible values**

A number between 10 and 256 inclusive.
Batch parameter name

KC2_CUA_VTM_VTRM_NUM

Related parameters

- "KC2_CLASSIC_UMAX" on page 25
- "KC2_CCnn_CUA_VTAM_VTPOOL_PREFIX" on page 18
- "KC2_CCnn_CUA_STC" on page 14
- "KC2_CUA_FOLD_OUTPUT_UPPERCASE" on page 26
- "KC2_CUA_WTO_MSG" on page 35
- "KC2_CUA_SIMPLIFIED_SIGNON" on page 32
Use the KC2_CUA_WTO_MSG parameter to enable the OMEGAMON II for CICS (CUA) Write To Operator (WTO) messages. WTOs write information and exception condition messages to the operator consoles. Alert messages are always written to the consoles.

**Required or optional**
Optional

**Location where the parameter value is stored:**
In the KC2SYSxx member, where xx is a number from 00 to 15, of the `rhilev.midlev.rlrename.RKANCMDU` runtime library.

**Selective $PARSE job processing**
Run the library-specific $PARSESM IKANCMDU->WKANCMDU file-tailoring job to regenerate only the WKANSAMU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESM member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KC2*.

**Parameter name**
WTO(Y|N)

**Default value**
WTO (N)

**Permissible values**
Y or N

**In the Configuration Tool (ICAT)**

**Panel name**
SPECIFY CONFIGURATION VALUES

**Panel ID**
KC256PR

**Field**
Enable WTO messages

**Default value**
N

**Permissible values**
Y or N

**Batch parameter name**
KC2_CUA_WTO_MSG

**Related parameters**
- "KC2_CCnn_CUA_VTAM_VTPool_PREFIX" on page 18
- "KC2_CCnn_CUA_VTAM_NODE" on page 17
- "KC2_CCnn_CUA_CICS_REGION" on page 13
- "KC2_CCnn_CUA_VTAM_APPL_OPERATOR" on page 16
- "KC2_CCnn_CUA_VTAM_APPL_LOGON" on page 15
- "KC2_CUA_VTAM_VTPool_NUM" on page 33
- "KC2_CUA_FOLD_OUTPUT_UPPERCASE" on page 26
- "KC2_CUA_SIMPLIFIED_SGNON" on page 32
- "KC2_CCnn_CUA_STC" on page 14
The KC2_HS parameter specifies the beginning and ending syntax markers for the KC2_HS* historical datastore allocation table for task history file disposition.

If the variable value is `BEGIN`, the variables that follow are used to construct rows in a table containing information for task history. If the variable value is `END`, this signifies the end of the Task History Table entry information.

**Required or optional**
Not a parameter, KC2_HS is a syntax marker in the configuration profile (either your `rte_name` or `$CFG$IBM) that marks the beginning and end of the KC2_HS_* block of values.

**Location where the parameter value is stored**
N/A

<table>
<thead>
<tr>
<th>Parameter name</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Default value</td>
<td>BEGIN</td>
</tr>
</tbody>
</table>

**Permissible values**
BEGIN, END

**In the Configuration Tool (ICAT)**
This value cannot be updated using the Configuration Tool.

**Default value**
BEGIN

**Permissible values**
BEGIN, END

**Batch parameter name**
KC2_HS

**Related parameters**
- `KC2_CCnn_CLASSIC_STC` on page 10
- `KC2_HSnn_ACT` on page 37
- `KC2_HSnn_ROW` on page 40
- `KC2_HSnn_CLASSIC_CICS_REGION` on page 38
- `KC2_HSnn_CLASSIC_VSAM_CYL` on page 39
**KC2_HSnn_ACT**

Use the KC2_HSnn_ACT parameter to specify how you want to dispose of the task history VSAM cluster. The nn value can be multiple rows of 01-99.

The value indicates which IDCAMS statement is generated:
- **DELETE** - Generates IDCAMS statements to delete the Task History VSAM cluster for this CICS region. Task history collection is disabled for this CICS region.
- **REALLOC** - Generates IDCAMS statements that will delete, reallocate, and initialize the Task History VSAM cluster for this CICS region. Task history is enabled for this CICS region.
- **ALLOC** - Generates IDCAMS statements that allocate and initialize the Task History VSAM cluster for this CICS region. Task history is enabled for this CICS region.

**Required or optional**
- Optional

**Location where the parameter value is stored**
- N/A

**Parameter name**
- C2HISTST (Controls to generate job to create historical data set)

**Default value**
- If the parameter is not specified, no action is taken.

**Permissible values**
- DELETE, REALLOC, ALLOC

**In the Configuration Tool (ICAT)**

**Panel name**
- TASK HISTORY DATASET ALLOCATION

**Panel ID**
- KC256PI

**Field**
- N/A

**Default value**
- ALLOC

**Permissible values**
- DELETE, REALLOC, ALLOC

**Batch parameter name**
- KC2_HS01_ACT

**Related parameters**
- "KC2_HS" on page 36
- "KC2_HSnn_ROW" on page 40
- "KC2_HSnn_CLASSIC_VSAM_CYL" on page 39
- "KC2_HSnn_CLASSIC_CICS_REGION" on page 38
KC2_HSnn_CLASSIC_CICS_REGION

Use the KC2_HSnn_CLASSIC_CICS_REGION parameter to specify the name of a single CICS region in the task history allocation table. You must create a task history data set for each CICS region that will have task history collected. The nn value can be multiple rows of 01-99.

Required or optional
- Optional

Location where the parameter value is stored
- The KCIJPALO member in the rhilev.midlev.rename.WKANSAMU library.

Selective $PARSE job processing
- Run the library-specific $PARSESM IKANCMDU->WKANCMDU file-tailoring job to regenerate only the WKANSAMU(KCII*) members that need to be reprocessed by $PARSESM. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESM member update the SELECT MEMBER=(* statement to SELECT MEMBER=KCIJ*.

Parameter name
- Task History CICS Region Name

Default value
- 1

Permissible values
- Character string, maximum length of eight

In the Configuration Tool (ICAT)

Panel name
- N/A

Panel ID
- N/A

Field
- N/A

Default value
- 1

Permissible values
- Character string, maximum length of eight

Batch parameter name
- KC2_HS01_CLA_CICS_REGN

Related parameters
- “KC2_CCnn_CLASSIC_STC” on page 10
- “KC2_HS” on page 36
- “KC2_HSnn_ACT” on page 37
- “KC2_HSnn_ROW” on page 40
- “KC2_HSnn_CLASSIC_VSAM_CYL” on page 39
**KC2_HSnn_CLASSIC_VSAM_CYL**

Use the KC2_HSnn_CLASSIC_VSAM_CYL parameter to specify the VSAM file historical datastore allocation for OMEGAMON II for CICS. The nn value can be multiple rows of 01-99. The default is 1 cylinder for the primary space allocation. The secondary allocation is hard set at 1, but it can also be overridden before you submit your JCL.

Required or optional
Optional

Location where the parameter value is stored
N/A

Selective $PARSE job processing
Run the library-specific $PARSESM IKANCMDU->WKANCMDU file-tailoring job to regenerate only the WKANSAMU(KCIJ*) members that need to be reprocessed by $PARSESM. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESM member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KCIJ*.

Parameter name
This parameter is the space allocation in the KCIJPALO job for the RKC2HIST VSAM file allocation.

Default value
1

Permissible values
1 - 9999

In the Configuration Tool (ICAT)

Panel name
N/A

Panel ID
KC256PI

Field
N/A

Default value
1

Permissible values
1 - 9999

Batch parameter name
KC2_HS_CLA_VSAM_CYL

Related parameters
- “KC2_CCnn_CLASSIC_STC” on page 10
- “KC2_HS” on page 36
- “KC2_HSnn_ACT” on page 37
- “KC2_HSnn_ROW” on page 40
- “KC2_HSnn_CLASSIC_CICS_REGION” on page 38
KC2_HSnn_ROW

Use the KC2_HSnn_ROW parameter to indicate the beginning or end of a single KC2_HS entry row. The \( nn \) value can be multiple rows of 01-99. If the variable value is BEGIN, then the variables up to either the next BEGIN or the next END contain all the information necessary to construct the group information for a single Task History entry. The default, if no value is specified, is BEGIN.

**Required or optional**
Optional

**Location where the parameter value is stored**
The parameter value is not stored, but is used as a syntax marker.

**Parameter name**
N/A

**Default value**
BEGIN

**Permissible values**
BEGIN, END, 01-99

**In the Configuration Tool (ICAT)**
This value cannot be defined using the Configuration Tool.

**Batch parameter name**
KC2_HS01_ROW

**Related parameters**
- "KC2_CCnn_CLASSIC_STC" on page 10
- "KC2_HS" on page 36
- "KC2_HSnn_ACT" on page 37
- "KC2_HSnn_CLASSIC_VSAM_CYL" on page 39
- "KC2_HSnn_CLASSIC_CICS_REGION" on page 38
**KC2_X_CLASSIC_LROWS**

Use the KC2_X_CLASSIC_LROWS parameter to specify the number of logical rows to be used by the OMEGAMON for CICS (3270) interface. LROWS is always larger than or equal to ROWS. If you specify the LROWS value that is smaller than the ROWS value, the ROWS value will also be used for LROWS.

**Required or optional**
- Optional

**Location where parameter value is stored**
- In the KOCVTM nn member, of the rhilev.midlev.rtename.xKANPARU library.

**Selective $PARSE job processing**
- Run the library-specific $PARSESM IKANCMDU->WKANCMDU file-tailoring job, to regenerate only the WKANSAMU(KClJ*) members that need to be reprocessed by $PARSESM. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESM member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KOC*.

**Parameter name**
- LROWS=&XOCLROW

**Default value**
- 99

**Permissible values**
- 24-9999

**In the Configuration Tool**
- N/A

**Batch parameter name**
- KC2_X_CLASSIC_LROWS

**Related parameters**
- "KC2_X_CLASSIC_USER_PROFILE" on page 42
- "KC2_CCnn_CLASSIC_STC" on page 10
**KC2_X_CLASSIC_USER_PROFILE**

Use the KC2_X_CLASSIC_USER_PROFILE parameter to specify a user profile suffix used by the OMEGAMON for CICS (3270) interface.

A two-character session profile suffix might be provided, as follows:
- /C - Tivoli-supplied profile
- /I installation-defined profile, or cc, where cc is a user-defined profile suffix (OCUSERcc).

**Required or optional**
- Optional

**Location where parameter value is stored**
In the KOCVTMnn member of the rhilev.midlev.rtename.xKANPARU library.

**Selective $PARSE job processing**
Run the library-specific $PARSESM IKANPARU->WKANPARU file-tailoring job to regenerate only the WKANSMU(KCIJ*) members that need to be reprocessed by $PARSESM. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESM member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KOC*.

**Parameter name**
USER=&XOCUPRO

**Default value**
/I

**Permissible values**
/I or /C

**In the Configuration Tool**
N/A

**Default value**
/I

**Permissible values**
/I or /C

**Batch parameter name**
KC2_X_CLASSIC_USER_PROFILE

**Related parameters**
- "KC2_X_CLASSIC_LROWS" on page 41
- "KC2_CCnn_CLASSIC_STC" on page 10
KC2_X_ CICS_CONFIRM_SHUTDOWN

Use the KC2_X_CICS_CONFIRM_SHUTDOWN parameter to set the maximum number of seconds between two successive SHUTDOWN commands or OMEGAMON for CICS (3270) STOP (P) commands to end the OMEGAMON for CICS (3270) address space.

CONFIRM(0) allows OMEGAMON for CICS (3270) shutdown to begin immediately without an additional, confirming SHUTDOWN command.

CONFIRM(n) prevents accidental shutdowns by requiring you to confirm the command by entering it a second time within the specified number of seconds.

For example, CONFIRM(15) requires you enter SHUTDOWN twice within 15 seconds to terminate the address space.

Required or optional
Optional

Location where the parameter value is stored
In the KC2SYSxx member, where xx is a number from 00 to 15, of the rhilev.midlev.rename.RKANPARU library.

Selective $PARSE job processing
Run the library-specific $PARSESM IKANPARU->WKANPARU file-tailoring job, to regenerate only the WKANSAMU(KCII*) members that need to be reprocessed by $PARSESM. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESM member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KC2*.

Parameter name
CONFIRM(n) (Confirm shutdown option)

Default value
0

Permissible values
0 to 15

In the Configuration Tool (ICAT)
This value cannot be updated using the Configuration Tool.

Batch parameter name
KC2_X_CICS_CONFIRM_SHUTDOWN

Related parameters
- "KC2_CCnn CLASSIC_STC" on page 10
- "KC2_X_CICS_STORAGE_LIMIT_EXTEND" on page 50
- "KC2_X_CICS_DEBUG_TRACE" on page 44
- "KC2_X_CICS_LGSA_VERIFY" on page 45
- "KC2_X_CICS_LSRPOOL_BUFFER_NUMn" on page 46
- "KC2_X_CICS_LSRPOOL_BUFSIZEn" on page 47
- "KC2_X_CICS_SDUMP SVC_SYS1_DUMP" on page 48
- "KC2_X_CICS_STORAGE_LIMIT_PRIMARY" on page 51
- "KC2_X_CICS_STORAGE_MIN_EXTEND" on page 52
- "KC2_X_CICS_WTO ROUTE TYPE" on page 55
- "KC2_X_CICS_WTO ROUTE CODE" on page 54
- "KC2_X_CICS_STORAGE_STGDEBUG" on page 53
**KC2_X_CICS_DEBUG_TRACE**

Use the KC2_X_CICS_DEBUG_TRACE parameter to specify the name of the configuration parameter to be added, replaced, or deleted.

**Attention:** Do not modify this parameter except under the guidance of IBM Software Support.

N means that basic debugging information will not be recorded.

Y means that basic debugging information will be recorded.

DEBUG and STGDEBUG might affect each other. If DEBUG(Y) is specified and STGDEBUG is omitted, basic storage debugging is turned on, causing an increase in storage use.

STGDEBUG must also be specified after DEBUG in the initialization deck for proper functioning of these turned on, causing an increase in storage use. DEBUG overrides STGDEBUG, if it follows STGDEBUG.

**Required or optional**

**Location where the parameter value is stored**

In the KC2SYSxx member, where xx is a number from 00 to 15, of the rhilev.midlev.rename.RKANPARU library.

**Selective $PARSE job processing**

Run the library-specific $PARSESM IKANPARU->WKANPARU file-tailoring job, to regenerate only the WKANSAMU(KCIIJ*) members that need to be reprocessed by $PARSESM. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESM member update the SELECT MEMBER=(*|) statement to SELECT MEMBER=KC2*.

**Parameter name**

DEBUG(YES|NO) (TMS: Engine Debugging Services)

**Default value**

N

**Permissible values**

Y, N

**In the Configuration Tool (ICAT)**

This value cannot be updated using the Configuration Tool.

**Batch parameter name**

KC2_X_CICS_DEBUG_TRACE

**Related parameters**

- "KC2_CCnn_CLASSIC_STC" on page 10
- "KC2_X_CICS_CONFIRM_SHUTDOWN" on page 43
- "KC2_X_CICS_STORAGE_LIMIT_EXTEND" on page 50
- "KC2_X_CICS_LGSA_VERIFY" on page 45
- "KC2_X_CICS_LSRPOOL_BUFFER_NUMn" on page 46
- "KC2_X_CICS_LSRPOOL_BUFSIZEn" on page 47
- "KC2_X_CICS_SDUMP_SVC_SYS1_DUMP" on page 48
- "KC2_X_CICS_STORAGE_LIMIT_PRIMARY" on page 51
- "KC2_X_CICS_STORAGE_MIN_EXTEND" on page 52
- "KC2_X_CICS_WTO_ROUTE_TYPE" on page 55
- "KC2_X_CICS_WTO_ROUTE_CODE" on page 54
- "KC2_X_CICS_STORAGE_STGDEBUG" on page 53
Use the KC2_X_CICS_LGSA_VERIFY to determine whether the OMEGAMON II for CICS (CUA) component verifies that the $GSA address is available.

**Attention:** Do not modify this parameter except under the guidance of IBM Software Support.

Y means you want to check if available.

N means you do not want to check if available.

**Required or optional**
Optional

**Location where the parameter value is stored**
In the KC2SYSxx member, where xx is a number from 00 to 15, of the rhilev.midlev.rlename.RKANPARU library.

**Selective $PARSE job processing**
Run the library-specific $PARSESM IKANPARU->WKANPARU file-tailoring job to regenerate only the WKANSAMU(KCIJ*) members that need to be reprocessed by $PARSESM. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESM member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KC2*.

**Parameter name**
LGSA(Y|N) (Verify $GSA address availability)

**Default value**
Y

**Permissible values**
Y, N

**In the Configuration Tool (ICAT)**
This value cannot be updated using the Configuration Tool.

**Batch parameter name**
KC2_X_CICS_LGSA_VERIFY

**Related parameters**
- "KC2_CCnn_CLASSIC_STC" on page 10
- "KC2_X_CICS_CONFIRM_SHUTDOWN" on page 43
- "KC2_X_CICS_STORAGE_LIMIT_EXTEND" on page 50
- "KC2_X_CICS_DEBUG_TRACE" on page 44
- "KC2_X_CICS_LSRPOOL_BUFFER_NUMn" on page 46
- "KC2_X_CICS_LSRPOOL_BUFSIZEn" on page 47
- "KC2_X_CICS_SDUMP_SVC_SYS1_DUMP" on page 48
- "KC2_X_CICS_STORAGE_LIMIT_PRIMARY" on page 51
- "KC2_X_CICS_STORAGE_MIN_EXTEND" on page 52
- "KC2_X_CICS_WTO_ROUTE_TYPE" on page 55
- "KC2_X_CICS_WTO_ROUTE_CODE" on page 54
- "KC2_X_CICS_STORAGE_STGDEBUG" on page 53
Use the KC2_X_CICS_LSRPOOL_BUFFER_NUMn parameter to determine the number of virtual storage buffers to be allocated for buffer pool, where n is 1-4 in the VSAM resource pool.

You must specify a size for each buffer pool individually. You cannot string the definitions because they must be specified individually.

**Required or optional**
- Required

**Location where the parameter value is stored**
In the KC2SYSxx member, where xx is a number from 00 to 15, of the rhilev.nidlev.rname.RKANPARU library.

**Selective $PARSE job processing**
- Run the library-specific $PARSESM IKANPARU->WKANPARU file-tailoring job to regenerate only the WKANSMAMU(KCII*) members that need to be reprocessed by $PARSESM. To limit the update to only members relevant to this component, in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESM member update the SELECT MEMBER=(*+) statement to SELECT MEMBER=KC2*.

**Parameter name**
- LSRPOOL(size,number)(Number of buffers)

**Default value**
- BUFFER_NUM1 (64), BUFFER_NUM2 (32), BUFFER_NUM3 (8), BUFFER_NUM4 (8)

**Permissible values**
- 8 - 65535 (to the maximum amount of available virtual storage in the monitoring agent address space)

**In the Configuration Tool (ICAT)**
- This value cannot be updated using the Configuration Tool.

**Batch parameter name**
- KC2_X_CICS_LSRPOOL_BUFFER_NUM

**Related parameters**
- "KC2_XXCLASSIC_STC" on page 10
- "KC2_X_CICS_CONFIRM_SHUTDOWN" on page 43
- "KC2_X_CICS_STORAGE_LIMIT_EXTEND" on page 50
- "KC2_X_CICS_DEBUG_TRACE" on page 44
- "KC2_X_CICS_LGSA_VERIFY" on page 45
- "KC2_X_CICS_LSRPOOL_BUFSIZEn" on page 47
- "KC2_X_CICS_SDUMP_SYS1_DUMP" on page 48
- "KC2_X_CICS_STORAGE_LIMIT_PRIMARY" on page 51
- "KC2_X_CICS_STORAGE_MIN_EXTEND" on page 52
- "KC2_X_CICS_WTO_ROUTE_TYPE" on page 55
- "KC2_X_CICS_WTO_ROUTE_CODE" on page 54
- "KC2_X_CICS_STORAGE_STGDEBUG" on page 53
Use the KC2_X_CICS_LSRPOOL_BUFSIZE\textsubscript{n} parameter to specify the size in bytes of each virtual storage buffer for the allocated buffer pool, where \textit{n} is 1-4 in the VSAM resource pool.

You must specify a size for each buffer pool individually. You cannot string the definitions because they must be specified individually.

**Required or optional**
- Required

**Location where the parameter value is stored**
In the KC2SYS\textit{xx} member, where \textit{xx} is a number from 00 to 15, of the 
\textit{rhilev}.\textit{midlev}.\textit{rtename}.RKANPARU library.

**Selective $PARSE job processing**
Run the library-specific $PARSESM IKANPARU->WANPARU file-tailoring job to regenerate only the WKANSAMU(KCJ*) members that need to be reprocessed by $PARSESM. To limit the update to only members relevant to this component, in the USER SECTION: CONFIG/SELECT MEMBER section, of the $PARSESM member, update the SELECT MEMBER=\textasteriskcentered\textasteriskcentered statement to SELECT MEMBER=KC2*.

**Parameter name**
LSRPOOL(\textit{size, number}) (Size of virtual storage buffer in pool)

**Default value**
- BUFSIZE1 (512)
- BUFSIZE2 (4096)
- BUFSIZE3 (16384)
- BUFSIZE4 (2048)

**Permissible values**
- 512 to 32768 (to the maximum amount of available virtual storage in the monitoring agent address space)

**In the Configuration Tool (ICAT)**
This value cannot be updated using the Configuration Tool.

**Batch parameter name**
KC2_X_CICS_LSRPOOL_BUFSIZE

**Related parameters**
- "KC2_CCnn_CLASSIC_STC" on page 10
- "KC2_X_CICS_CONFIRM_SHUTDOWN" on page 43
- "KC2_X_CICS_STORAGE_LIMIT_EXTEND" on page 50
- "KC2_X_CICS_DEBUG_TRACE" on page 44
- "KC2_X_CICS_LGSA_VERIFY" on page 45
- "KC2_X_CICS_LSRPOOL_BUFFER_NUMn" on page 46
- "KC2_X_CICS_SDUMP_SVC_SYS1_DUMP" on page 48
- "KC2_X_CICS_STORAGE_LIMIT_PRIMARY" on page 51
- "KC2_X_CICS_STORAGE_MIN_EXTEND" on page 52
- "KC2_X_CICS_WTO_ROUTE_TYPE" on page 55
- "KC2_X_CICS_WTO_ROUTE_CODE" on page 54
- "KC2_X_CICS_STORAGE_STGDEBUG" on page 53
**KC2_X_CICS_SDUMP_SVC_SYS1_DUMP**

Use the KC2_X_CICS_SDUMP_SVC_SYS1_DUMP parameter to determine whether SVC system dumps are generated.

**Attention:** Do not modify this parameter except under the guidance of IBM Software Support.

**Required or optional**

Required

**Location where the parameter value is stored**

Is an initialization parameter `PARAM='SDUMP(Y)'` found in the `rhilev.midlev.rtename.RKANPARU` library.

**Selective $PARSE job processing**

Run the library-specific `$PARSESM IKANPARU->WKANPARU` file-tailoring job to regenerate only the WKANSAMU(KCII*) members that need to be reprocessed by `$PARSESM`. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the `$PARSESM` member update the `SELECT MEMBER=(*` statement to `SELECT MEMBER=KC2*`.

**Parameter name**

SDUMP(Y|N|S|M) (Generate SVC dump)

**Default value**

Y

**Permissible values**

Y, N, S, M

- Y directs the SVC dump to a system dump data set (SYS1.DUMPxx). Before you specify Y as the value of this parameter, ensure the TMS:Engine job step is APF-authorized and that the SYS1.DUMPxx data sets are large enough to hold the contents of the TMS:Engine address space.
- N directs formatted dumps to the RKLVSNA data set. Avoid formatted dumps if possible because they disable the TMS:Engine address space for a longer time than either SVC dumps or SYSMDUMPs, and are more difficult to analyze.
- S directs summary dumps to the RKLVSNA data set. A summary dump consists of an ABEND summary and dispatcher summary and does not provide enough information for reliable problem analysis. Use this setting for specific testing purposes only.
- M directs ABEND dumps to the data set with the SYSMDUMP DD name. This type of system dump is not formatted by the operating system and must be analyzed with IPCS. Only the first system dump taken is captured in the SYSMDUMP dataset unless JCL specifies DISP=MOD. TMS:Engine automatically initializes the SYSMDUMP data set with an end-of-file mark.

**In the Configuration Tool (ICAT)**

This value cannot be updated using the Configuration Tool.

**Batch parameter name**

KC2_X_CICS_SDUMP_SVC_SYS1_DUMP

**Related parameters**

- “KC2_CCnn_CLASSIC_STC” on page 10
- “KC2_X_CICS_CONFIRM_SHUTDOWN” on page 43
- “KC2_X_CICS_STORAGE_LIMIT_EXTEND” on page 50
- “KC2_X_CICS_DEBUG_TRACE” on page 44
- “KC2_X_CICS_LGSA_VERIFY” on page 45
- “KC2_X_CICS_LSRPOOL_BUFFER_NUMn” on page 46
- “KC2_X_CICS_LSRPOOL_BUFSIZEn” on page 47
Chapter 2. KC2 configuration parameters
**KC2_X_CICS_STORAGE_LIMIT_EXTEND**

Use the KC2_X_CICS_STORAGE_LIMIT_EXTEND parameter to specify the maximum size for the OMEGAMON II for CICS (CUA) extended (above-the-bar) storage request. The maximum extended storage request size is specified as a power of 2.

This value is used in building storage access tables to speed memory allocation. If a process in OMEGAMON II for CICS (CUA) attempts to allocate a block of storage larger than the value set, program interruption U0100 or U0200 results; too small a value causes components to fail. To large a value wastes storage and increases processing overhead. You might to specify a large value if any monitoring agent reporting to the monitoring server builds large VTAM request or response units (RUs) and data streams.

**Required or optional**
- Required

**Location where the parameter value is stored**
- In the KC2SYSxx member, where xx is a number from 00 to 15, of the rhilev.midlev.rename.RKANPARU library.

**Selective $PARSE job processing**
- Run the library-specific $PARSESIM IKANPARU->WKANPARU file-tailoring job to regenerate only the WKANSAMU(KCII*) members that need to be reprocessed by $PARSESIM. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESIM member update the SELECT MEMBER=(*)(*) statement to SELECT MEMBER=KC2*.

**Parameter name**
- LIMIT(n,X) (Extended maximum storage request)

**Default value**
- 17

**Permissible values**
- 17 to 25

**In the Configuration Tool (ICAT)**
- This value cannot be updated using the Configuration Tool.

**Batch parameter name**
- KC2_X_CICS_STORAGE_LIMIT_EXTEND

**Related parameters**
- "KC2_CCnn_CLASSIC_STC" on page 10
- "KC2_X_CICS_CONFIRM_SHUTDOWN" on page 43
- " KC2_X_CICS_DEBUG_TRACE" on page 44
- " KC2_X_CICS_LGSA_VERIFY" on page 45
- " KC2_X_CICS_LSRPOOL_BUFFER_NUMn" on page 46
- " KC2_X_CICS_LSRPOOL_BUFSIZEn" on page 47
- " KC2_X_CICS_SDUMP_SVC_SYS1_DUMP" on page 48
- " KC2_X_CICS_STORAGE_LIMIT_PRIMARY" on page 51
- " KC2_X_CICS_STORAGE_MIN_EXTEND" on page 52
- " KC2_X_CICS_WTO_ROUTE_TYPE" on page 55
- " KC2_X_CICS_WTO_ROUTE_CODE" on page 54
- " KC2_X_CICS_STORAGE_STGDEBUG" on page 53
**KC2_X_CICS_STORAGE_LIMIT_PRIMARY**

Use the KC2_X_CICS_STORAGE_LIMIT_PRIMARY parameter to specify the maximum size for the (below-the-line) storage request.

The minimum primary storage size is 16, which specifies a limit of 64 KB. The maximum is 25, which specifies a limit of 32 MB.

**Required or optional**

Required

**Location where the parameter value is stored**

In the KC2SYxXX member, where XX is a number from 00 to 15, of the rilev.midlev.rename.RKANPARU library.

**Selective $PARSE job processing**

Run the library-specific $PARSESM IKANPARU->WKANPARU file-tailoring job to regenerate only the WKANSAMU(KCII*) members that need to be reprocessed by $PARSESM. To limit the update to only members relevant to this component, in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESM member update the SELECT MEMBER=(*)) statement to SELECT MEMBER=KC2*.

**Parameter name**

LIMIT(n,P) (Primary maximum storage request)

**Default value**

17

**Permissible values**

16 to 25

**In the Configuration Tool (ICAT)**

This value cannot be updated using the Configuration Tool.

**Batch parameter name**

KC2_X_CICS_STORAGE_LIMIT_PRIMARY

**Related parameters**

- "KC2_CCnn_CLASSIC_STC” on page 10
- "KC2_X_CICS_CONFIRM_SHUTDOWN” on page 43
- "KC2_X_CICS_DEBUG_TRACE” on page 44
- "KC2_X_CICS_LGSA_VERIFY” on page 45
- "KC2_X_CICS_LSRPOOL_BUFFER_NUMn” on page 46
- "KC2_X_CICS_LSRPOOL_BUFSIZEn” on page 47
- "KC2_X_CICS_SDUMP_SVC_SYS1_DUMP” on page 48
- "KC2_X_CICS_STORAGE_LIMIT_EXTEND” on page 50
- "KC2_X_CICS_STORAGE_MIN_EXTEND” on page 52
- "KC2_X_CICS_STORAGE_STGDEBUG” on page 53
**KC2_X_CICS_STORAGE_MIN_EXTEND**

Use the KC2_X_CICS_STORAGE_LIMIT_PRIMARY parameter to specify the minimum amount of extended storage that will be allocated. Extended storage is above the 16 MB bar.

**Required or optional**
- Required

**Location where the parameter value is stored**
- In the KC2SYSxx member, where xx is a number from 00 to 15, of the rhilev.midlev.rltename.RKANPARU library.

**Selective $PARSE job processing**
- Run the library-specific $PARSESM IKANPARU->WKANPARU file-tailoring job to regenerate only the WKANSAMU(KCII*) members that need to be reprocessed by $PARSESM. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESM member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KC2*.

**Parameter name**
- MINIMUM(n,X) (Extended minimum storage request)

**Default value**
- 16384

**Permissible values**
- 0 - 2080768

**In the Configuration Tool (ICAT)**
- This value cannot be updated using the Configuration Tool.

**Default value**
- 16384

**Permissible values**
- 0 - 2080768

**Batch parameter name**
- KC2_X_CICS_STORAGE_MIN_EXTEND

**Related parameters**
- “KC2_CCnn_CLASSIC_STC” on page 10
- “KC2_X_CICS_CONFIRM_SHUTDOWN” on page 43
- “KC2_X_CICS_DEBUG_TRACE” on page 44
- “KC2_X_CICS_LGSA_VERIFY” on page 45
- “KC2_X_CICS_LSRPOOL_BUFFER_NUMnn” on page 46
- “KC2_X_CICS_LSRPOOL_BUFSIZEn” on page 47
- “KC2_X_CICS_SDUMP_SVC_SYS1_DUMP” on page 48
- “KC2_X_CICS_STORAGE_LIMIT_EXTEND” on page 50
- “KC2_X_CICS_STORAGE_LIMIT_PRIMARY” on page 51
- “KC2_X_CICS_STORAGE_STGDEBUG” on page 53
- “KC2_X_CICS_WTO_ROUTE_TYPE” on page 55
- “KC2_X_CICS_WTO_ROUTE_CODE” on page 54
**KC2_X_CICS_STORAGE_STGDEBUG**

Use the KC2_X_CICS_STORAGE_STGDEBUG parameter to specify whether TMS:Engine storage debugging services are to be activated.

N means that storage debugging information will not be recorded.

Y means that basic storage debugging information will be recorded.

X means that extended storage debugging information will be recorded.

DEBUG and STGDEBUG might affect each other. If DEBUG(Y) is specified and STGDEBUG is omitted, basic storage debugging is turned on, causing an increase in storage use.

STGDEBUG must also be specified after DEBUG in the initialization deck for proper functioning of these turned on, causing an increase in storage use. DEBUG will override STGDEBUG if it follows STGDEBUG.

**Required or optional**

Optional

**Location where the parameter value is stored**

In the KC2SYSxx member, where xx is a number from 00 to 15, of the rhilev.midlex.letname.RKANPARU library.

**Selective $PARSE job processing**

Run the library-specific $PARSESM IKANPARU->WKANPARU file-tailoring job to regenerate only the WKANSAMU(KCII)* members that need to be reprocessed by $PARSESM. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESM member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KC2*.

**Parameter name**

STGDEBUG Y|N|X (Storage Debugging Services)

**Default value**

N

**Permissible values**

Y, N, X

**In the Configuration Tool (ICAT)**

This value cannot be updated using the Configuration Tool.

**Batch parameter name**

KC2_X_CICS_STORAGE_STGDEBUG

**Related parameters**

- "KC2_CCnn_CLASSIC_STC" on page 10
- "KC2_X_CICS_CONFIRM_SHUTDOWN" on page 43
- "KC2_X_CICS_DEBUG_TRACE" on page 44
- "KC2_X_CICS_LGSA_VERIFY" on page 45
- "KC2_X_CICS_LSRPOOL_BUFFER_NUMn" on page 46
- "KC2_X_CICS_LSRPOOL_BUFSIZEn" on page 47
- "KC2_X_CICS_SDUMP_SVC_SYS1_DUMP" on page 48
- "KC2_X_CICS_STORAGE_LIMIT_EXTEND" on page 50
- "KC2_X_CICS_STORAGE_LIMIT_PRIMARY" on page 51
- "KC2_X_CICS_WTO_ROUTE_TYPE" on page 55
- "KC2_X_CICS_WTO_ROUTE_CODE" on page 54
**KC2_X_CICS_WTO_ROUTE_CODE**

Use the KC2_X_CICS_WTO_ROUTE_CODE parameter to specify how OMEGAMON II for CICS (CUA) TMS:Engine message types are mapped onto the z/OS system write to operator (WTO) route codes.

**Required or optional**
- Required

**Location where the parameter value is stored**
- In the KC2SYSxx member, where xx is a number from 00 to 15, of the rhilev.midlev.rename.RKANPARU library.

**Selective SPARSE job processing**
- Run the library-specific SPARSEM IKANPARU->WKANPARU file-tailoring job to regenerate only the WKANSAMU(KCII*) members that need to be reprocessed by SPARSEM. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the SPARSEM member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KC2*.

**Parameter name**
- ROUTCDE

**Default value**
- ROUTCDE=11

**Permissible values**
- 0 - 99

**In the Configuration Tool (ICAT)**
- This value cannot be updated using the Configuration Tool.

**Batch parameter name**
- KC2_X_CICS_WTO_ROUTE_CODE

**Related parameters**
- "KC2_CCnn_CLASSIC_STC" on page 10
- "KC2_X_CICS_CONFIRM_SHUTDOWN" on page 43
- "KC2_X_CICS_DEBUG_TRACE" on page 44
- "KC2_X_CICS_LGSA_VERIFY" on page 45
- "KC2_X_CICS_LSRPOOL_BUFFER_NUMn" on page 46
- "KC2_X_CICS_LSRPOOL_BUFSIZEn" on page 47
- "KC2_X_CICS_SDUMP_SVC_SYS1_DUMP" on page 48
- "KC2_X_CICS_STORAGE_LIMIT_EXTEND" on page 50
- "KC2_X_CICS_STORAGE_LIMIT_PRIMARY" on page 51
- "KC2_X_CICS_STORAGE_MIN_EXTEND" on page 52
- "KC2_X_CICS_STORAGE_STGDEBUG" on page 53
- "KC2_X_CICS_WTO_ROUTE_TYPE" on page 55
**KC2_X_CICS_WTO_ROUTE_TYPE**

Use the `KC2_X_CICS_WTO_ROUTE_TYPE` parameter to specify the route type of write to the operator (WTO) consoles. ALERT messages are always written to the consoles.

**Required or optional**
- Required

**Location where the parameter value is stored**
- In the `KC2SYSxx` member, where `xx` is a number from 00 to 15, of the `rhilev.midlev.runame:RKANPARU` library.

**Selective $PARSE job processing**
- Run the library-specific `$PARSESM IKANPARU->WKANPARU` file-tailoring job to regenerate only the `WKANSAMU(KCII*)` members that need to be reprocessed by `$PARSESM`. To limit the update to only members relevant to this component in the `USER SECTION: CONFIG/SELECT MEMBER` section of the `$PARSESM` member update the SELECT MEMBER=(*$) statement to SELECT MEMBER=KC2*.

**Parameter name**
- `WTORC(type,code,...)`

**Default value**
- ALERT

**Permissible values**
- ALERT, ERROR, LOG, REPLY, USER, VIEW, WARN

**In the Configuration Tool (ICAT)**
- This value cannot be updated using the Configuration Tool.

**Batch parameter name**
- `KC2_X_CICS_WTO_ROUTE`

**Related parameters**
- “`KC2_CCnn_CLASSIC_STC`” on page 10
- “`KC2_X_CICS_CONFIRM_SHUTDOWN`” on page 43
- “`KC2_X_CICS_DEBUG_TRACE`” on page 44
- “`KC2_X_CICS_LGSA_VERIFY`” on page 45
- “`KC2_X_CICS_LSRPOOL_BUFFER_NUMn`” on page 46
- “`KC2_X_CICS_LSRPOOL_BUFSIZEn`” on page 47
- “`KC2_X_CICS_SDUMP_SVC_SYS1_DUMP`” on page 48
- “`KC2_X_CICS_STORAGE_LIMIT_EXTEND`” on page 50
- “`KC2_X_CICS_STORAGE_LIMIT_PRIMARY`” on page 51
- “`KC2_X_CICS_STORAGE_MIN_EXTEND`” on page 52
- “`KC2_X_CICS_STORAGE_STGDEBUG`” on page 53
- “`KC2_X_CICS_WTO_ROUTE_CODE`” on page 54
Use the KC2_X_CUA_LROWS parameter to specify the number of logical rows to be used by the OMEGAMON II for CICS (CUA) interface. LROWS is always larger than or equal to ROWS. If you specify a LROWS value that is smaller than the ROWS value, the ROWS value will also be used for LROWS.

Required or optional
Optional

Location where parameter value is stored
In the KC2IPA.xx member member, where xx is a number from 00 to 15, of the 
RHILEV.MIDLEV.RTENAME.RKANPARU library.

Selective $PARSE job processing
Run the library-specific $PARSES$nKANPARU->WKANPARU file-tailoring job to regenerate only the WKANSAMU(KCIJ*) members that need to be reprocessed by $PARSES$n. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSES$n member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KC2*.

Parameter name
LROWS=&XOCLROW

Default value
256

Permissible values
24-9999

In the Configuration Tool
Default value
256

Permissible values
24-9999

Batch parameter name
KC2_X_CUA_LOGICAL_ROWS

Related parameters
- [“KC2_X_CUA_USER_PROFILE” on page 58](#)
- [“KC2_CCnn_CLASSIC_STC” on page 10](#)
**KC2_X_CUA_TIPS**

Use the KC2_X_CUA_TIPS parameter to specify whether or not the Tip of the Day should be displayed when logging on to the OMEGAMON II for CICS (CUA) interface. If WAIT is specified, the Tip of the Day will be displayed until you press Enter.

**Required or optional**
- Optional

**Location where parameter value is stored**
- In the KC2IPAxx member, where xx is a number from 00 to 15, of the rhilev.midlev.rtename:RKANPARU library.

**Selective $PARSE job processing**
- Run the library-specific $PARSESM IKANPARU->WKANPARU file-tailoring job to regenerate only the WKANSAU(KCII*) members that need to be reprocessed by $PARSESM. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESM member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KC2*.

**Parameter name**
- TIPS=&XC2TIPS

**Default value**
- NO

**Permissible values**
- NO, YES, WAIT

**In the Configuration Tool**

**Default value**
- NO

**Permissible values**
- NO, YES, WAIT

**Batch parameter name**
- KC2_X_CUA_TIPS

**Related parameters**
- “KC2_X_CUA_USER_PROFILE” on page 58
- “KC2_X_CUA_LROWS” on page 56
- “KC2_CCnn_CLASSIC_STC” on page 10
**KC2_X_CUA_USER_PROFILE**

Use the KC2_X_CUA_USER_PROFILE parameter to specify a user profile suffix used by the OMEGAMON II for CICS (CUA) interface.

A two-character session profile suffix might be provided, as follows:

- /C - Tivoli-supplied profile
- /I installation-defined profile, or cc, where cc is a user-defined profile suffix (OCUSERcc).

**Required or optional**

Optional

**Location where parameter value is stored**

In the KC2IPAxx member, where xx is a number from 00 to 15, of the rhilev.midlev.rename.RKANPARU library.

**Selective $PARSE job processing**

Run the library-specific $PARSEQUANPARU->WKANPARU file-tailoring job to regenerate only the WKANSAMU(KCII*) members that need to be reprocessed by $PARSEQUAN. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSEQUAN member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KC2*.

**Parameter name**

USER_PROFILE_SUFFIX=&XC2UPRO

**Default value**

/I

**Permissible values**

/I or /C

**In the Configuration Tool**

Default value

/I

**Permissible values**

/I or /C

**Batch parameter name**

KC2_X_CUA_USER_PROFILE_SUFFIX

**Related parameters**

- “KC2_X_CUA_LROWS” on page 56
- “KC2_CCnn_CLASSIC_STC” on page 10
**KC2_X_SECURITY_USER_EXIT**

Use the KC2_X_SECURITY_USER_EXIT parameter to specify a load module name of an exit routine that will be invoked by OMEGAMON II for CICS (CUA) to provide security validation. The default exit name for ACF2 is KLVA2NEV. The default exit name for Top Secret is KLVTNSNV.

**Required or optional**
- Optional

**Location where parameter value is stored**
- In the KC2NAMxx member, where xx=00 to 15, of the rhilev.midlev.rntname.RKANCMDU library.

**Parameter name**
- EXIT="xxxxxxxx" (External security exit)

**Default value**
- The default for this parameter depends on the KC2_X_SECURITY_TYPE parameter.

**Permissible values**
- A character string up to eight characters in length

**In the Configuration Tool**
- This value can be updated using nonstandard parameters.

**Batch parameter name**
- KC2_X_SECURITY_USER_EXIT

**Related parameters**
- "KC2_CUA_SECURITY" on page 27
- "KC2_CUA_SECURITY_SRSEXIT_FLAG" on page 31
- "KC2_CUA_SECURITY_RESOURCE_CLASS" on page 29
Chapter 3. KC5 configuration parameters

The configuration parameters for the OMEGAMON XE for CICS on z/OS monitoring agent are grouped logically in the configuration file.

This section explains the parameters found in the OMEGAMON XE for CICS on z/OS section of the PARMGEN configuration profile. The prefix associated with OMEGAMON XE for CICS on z/OS is KC5.

If you specify Y, for the CONFIGURE_CICS_KC5 parameter of OMEGAMON XE for CICS on z/OS, including OMEGAMON II for CICS (CUA) and OMEGAMON for CICS (3270), the KC5 and KC2 parameters are generated and used in the runtime environment configuration. If the value is N, then all KC2 and KC5 parameters are ignored.

The following parameters are located in the configuration profile (either your rte_name or $CFG$IBM) file. They are grouped and listed here in the order they might be used to configure the initial values for the various OMEGAMON XE for CICS on z/OS features:

• Is this an agent only configuration?
  – “KC5_AGENT_ONLY_CONFIGURATION” on page 63

• Take Action command security options
  – “KC5_SECURITY_ACTION_CLASS” on page 68
  – “KC5_FTA_SEC_LOG” on page 65
  – “KC5_FTA_SEC_TRACE” on page 66

• Take Action command security options (V4.2.0 compatibility only)
  – “KC5_FTA_SECURITY” on page 67
  – “KC5_FTA_SEC_CLASS_NAME” on page 64

• Service Level Analysis and Workload Manager initial options
  – “KC5_WLM_BLOCKS” on page 73
  – “KC5_WLM_CLASSIFY” on page 74
  – “KC5_WLM_REGION_GOAL” on page 75
  – “KC5_WLM_REGION_RESPONSE” on page 76

• IBM Tivoli Monitoring historical collection for the OMEGAMON XE for CICS on z/OS historical tables
  – “KC5_PD” on page 69
  – “KC5_PD_ROW” on page 72
  – “KC5_PD_CYL” on page 70
  – “KC5_PD_GRP” on page 71

• OMEGAMON XE for CICS on z/OS agent address space initialization values (See the Common Parameter Reference Guide, SC14-7280, for a list and description of these shared parameters)
  – KC5_AGT*
  – KC5_X_AGT*

• These IBM Tivoli Monitoring:Engine storage parameters require minimum values that are greater than the default value as indicated below
  – KC5_AGT_STORAGE_MINIMUM_EXTEND 384000
  – KC5_X_AGT_STORAGE_LIMIT_EXTEND 23
  – KC5_X_AGT_STORAGE_RESERVE_PRI 2048

• OMEGAMON XE for CICS on z/OS agent address space Tivoli Enterprise Monitoring Server connection values (See the Common Parameter Reference Guide, SC14-7280, for a list and description of these shared parameters)
  – KC5_TEM*

• This parameter is not applicable to OMEGAMON XE for CICS on z/OS V5.1.0 and higher
  – KC5_X_HUB*
- Indicate whether IBM Tivoli Monitoring historical data collection will be configured at the Tivoli Enterprise Monitoring Server or the agent (See the Common Parameter Reference Guide, SC14-7280, for a list and description of these shared parameters)
  - KC5_PD_HISTCOLL_DATA_IN_TEMSTC
  - KC5_PD_HISTCOLL_DATA_IN_AGTCSTC
**KC5_AGENT_ONLY_CONFIGURATION**

Use the KC5_AGENT_ONLY_CONFIGURATION parameter if the OMEGAMON II for CICS components are not configured in the same runtime environment.

Specify **Y** to the KC5_AGENT_ONLY_CONFIGURATION parameter, if the OMEGAMON II for CICS (3270), KC2 components are not configured in the same runtime environment.

These are the sample conditions where this scenario applies:
- KC2 components are configured in another runtime environment
- KC5 agent is configured in another runtime environment and the agent needs to register with the Tivoli Enterprise Monitoring Server in this runtime environment.

**Required or optional**
- Required if you configure the monitoring agent in the same runtime environment

**Location where the parameter value is stored**
- N/A
  - Parameter name
    - N/A
  - Default value
    - N
  - Permissible values
    - Y,N

**In the Configuration Tool (ICAT)**
- Panel name
  - N/A
- Panel ID
  - N/A
- Field
  - N/A
- Default value
  - N
- Permissible values
  - Y,N

**Batch parameter name**
- KC5_AGENT_ONLY_CONFIGURATION
**KC5_FTA_SEC_CLASS_NAME**

Use the KC5_FTA_SEC_CLASS_NAME parameter to specify the security class that is used to validate the Take Action commands (V4.2.0 compatibility only). This parameter is ignored if the value specified for the KC5_FTA_SECURITY parameter is N.

If the specified class is not valid or is not active in the security manager, the command is not run. The value must conform to the definition rules dictated by the security manager.

**Required or optional**

Required

**Location where the parameter value is stored**

In the KC5ENV member of the &rhilev.&rte.RKANPARU library for the runtime environment of the agent.

**Selective $PARSE job processing**

Run the library-specific $PARSEPR IKANPARU->WKANPARU file-tailoring job to regenerate only the WKANPARU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSEPR member update the SELECT MEMBER=*(*) statement to SELECT MEMBER=K*ENV.

**Parameter name**

N/A

**Default value**

$OMXE

**Permissible values**

N/A

**Configuration Tool (ICAT) information**

**Panel name**

SPECIFY ADVANCED CONFIGURATION PARAMETERS

**Panel ID**

KC541P2

**Field**

Security resource class

**Default value**

$OMXE

**Permissible values**

N/A

**Batch parameter name**

KC5_FTA_SEC_CLASS_NAME

**Related parameters**

- “KC5_SECURITY_ACTION_CLASS” on page 68
- “KC5_FTA_SECURITY” on page 67
- “KC5_FTA_SEC_TRACE” on page 66
- “KC5_FTA_SEC_LOG” on page 65
**KC5_FTA_SEC_LOG**

Use the KC5_FTA_SEC_LOG parameter to specify whether the CP: action commands and the results are logged to IBM Tivoli NetView for z/OS.

**Required or optional**
- Required

**Location where the parameter value is stored**
- In the KC5ENV member of the &rhilev.&rte.RKANPARU library for the runtime environment of the agent.

**Selective $PARSE job processing**
- Run the library-specific $PARSEPR IKANPARU->WKANPARU file-tailoring job to regenerate only the WKANPARU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSEPR member update the SELECT MEMBER=(*) statement to SELECT MEMBER=K*ENV.

**Parameter name**
- N/A

**Default value**
- N

**Permissible values**
- Y, N

**Configuration Tool (ICAT) information**

**Panel name**
- SPECIFY ADVANCED CONFIGURATION PARAMETERS

**Panel ID**
- KC541P2

**Field**
- Log commands to NetView PPI

**Default value**
- N

**Permissible values**
- Y, N

**Batch parameter name**
- KC5_FTA_SEC_LOG

**Related parameters**
- "KC5_SECURITY_ACTION_CLASS" on page 68
- "KC5_FTA_SEC_CLASS_NAME" on page 64
- "KC5_FTA_SECURITY" on page 67
- "KC5_FTA_SEC_TRACE" on page 66
**KC5_FTA_SEC_TRAC**

Use the KC5_FTA_SEC_TRACE parameter to specify the resource name for the Take Action command.

The result of the validation is logged to the RKLVLOG output in the address space where the agent is running. Specify ALL to get trace level information for all CP: action commands. Specify ERROR to get trace level information for only those CP: action commands which are not authenticated.

**Required or optional**
- Required

**Location where the parameter value is stored**
- In the KC5ENV member of the &rhilev.&rte.RKANPARU library for the runtime environment of the agent.

**Selective $PARSE job processing**
- Run the library-specific $PARSEPR IKANPARU->WKANPARU file-tailoring job to regenerate only the WKANPARU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSEPR member update the SELECT MEMBER=(*) statement to SELECT MEMBER=K*ENV.

**Parameter name**
- N/A

**Default value**
- ERROR

**Permissible values**
- ERROR, ALL

**Configuration Tool (ICAT) information**

**Panel name**
- SPECIFY ADVANCED CONFIGURATION PARAMETERS

**Panel ID**
- KC541P2

**Field**
- Validation trace level

**Default value**
- ERROR

**Permissible values**
- ERROR, ALL

**Batch parameter name**
- KC5_FTA_SEC_TRACE

**Related parameters**
- "KC5_FTA_SEC_CLASS_NAME" on page 64
- "KC5_SECURITY_ACTION_CLASS" on page 68
- "KC5_FTA_SECURITY" on page 67
- "KC5_FTA_SEC_LOG" on page 65
KC5_FTA_SECURITY

Use the KC5_FTA_SECURITY parameter to specify the CICS region response time goal (V4.2.0 compatibility only).

Specify whether CP: Take Action commands will be validated using an External Security Manager. To enable this function, specify a value of Y. The default is N. Do not specify Y, if you want to use the Tivoli Enterprise Portal and OMEGAMON enhanced 3270 user interface Take Action security or you plan to use the Global SAF class name (RTE security class).

**Required or optional**

Required

**Location where the parameter value is stored**

In the KC5ENV member of the &rhilev.&rte.RKANPARU library for the runtime environment of the agent.

**Selective $PARSE job processing**

Run the library-specific $PARSEPR IKANPARU->WKANPARU file-tailoring job to regenerate only the WKANPARU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSEPR member update the SELECT MEMBER=(* ) statement to SELECT MEMBER=K*ENV.

**Parameter name**

N/A

**Default value**

N

**Permissible values**

Y, N

**Configuration Tool (ICAT) information**

**Panel name**

SPECIFY ADVANCED CONFIGURATION PARAMETERS

**Panel ID**

KC541P2

**Field**

External security validation

**Default value**

N

**Permissible values**

Y, N

**Batch parameter name**

KC5_FTA_SECURITY

**Related parameters**

- “KC5_SECURITY_ACTION_CLASS” on page 68
- “KC5_FTA_SEC_CLASS_NAME” on page 64
- “KC5_FTA_SEC_TRACE” on page 66
- “KC5_FTA_SEC_LOG” on page 65
**KC5_SECURITY_ACTION_CLASS**

Use the KC5_SECURITY_ACTION_CLASS parameter to specify the security class override that is used to validate the OMEGAMON for CICS on z/OS Take Action commands for Tivoli Enterprise Portal and the OMEGAMON enhanced 3270 user interface.

If the specified class is invalid or is not active in the security manager, the command is not executed. The value should conform to the definition rules dictated by the security manager. If FTA External security validation is Y, this field is ignored and FTA Take Action command security configuration is used. To use the Global SAF class name (RTE_SECURITY_CLASS parameter), set this value to null and set the KC5_FTA_SEC_SECURITY parameter to blank.

See the RTE_SECURITY_CLASS parameter in the common *IBM Tivoli OMEGAMON XE and Tivoli Management Services on z/OS: Common Parameter Reference Guide* for more information.

**Required or optional**

Optional

**Location where the parameter value is stored**

In the KC5ENV member of the &rhlive.&rte.RKANPARU library for the runtime environment of the agent.

**Selective $PARSE job processing**

Run the library-specific $PARSEPR IKANPARU->WKANPARU file-tailoring job to regenerate only the WKANPARU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSEPR member update the SELECT MEMBER=*(*) statement to SELECT MEMBER=K*ENV.

**Parameter name**

KC5_SECURITY_ACTION_CLASS=&C5SAFCLS

**Default value**

N/A

**Permissible values**

A character string no longer than eight characters in length

**Configuration Tool (ICAT) information**

**Panel name**

SPECIFY ADVANCED CONFIGURATION PARAMETERS

**Panel ID**

KC541P2

**Field**

N/A

**Default value**

N/A

**Permissible values**

A character string no longer than eight characters in length.

**Batch parameter name**

N/A

**Related parameters**

- **KC5_FTA_SEC_CLASS_NAME** on page 64
- **KC5_FTA_SECURITY** on page 67
- **KC5_FTA_SEC_TRACE** on page 66
- **KC5_FTA_SEC_LOG** on page 65
**KC5_PD**

The KC5_PD parameter specifies the beginning and ending syntax markers for the KC5_PD_* group of parameters for persistent datastore group information.

**Required or optional**

Not a parameter, KC5_PD is a syntax marker in the PARMGEN configuration profile (either your `rte_name` or `$CFG$IBM) that marks the beginning and end of the KC5_PD_* block of values.

**Location where the parameter value is stored**

N/A

**Parameter name**

N/A

**Default value**

BEGIN

**Permissible values**

BEGIN, END

**In the Configuration Tool (ICAT)**

This value cannot be updated using the Configuration Tool.

**Batch parameter name**

KC5_PD

**Related parameters**

- "KC5_PD_CYL" on page 70
- "KC5_PD_GRP" on page 71
- "KC5_PD_ROW" on page 72
Use the KC5_PD_CYL parameter to specify the number of cylinders for space allocation of the persistent data store libraries and for overhead information such as the product dictionary, table records, index records, and buffers to hold overflow data when the libraries are full.

Allocate enough storage so that maintenance procedures are run only once a day. For more information about maintaining the persistent data store, see the IBM Tivoli OMEGAMON XE and Tivoli Management Services on z/OS: Common Planning and Configuration Guide.

**Required or optional**

Optional

**Location where the parameter value is stored**

In the KC5AL member of the rhilev.midlev.rename.RKANPARU library.

**Selective $PARSE job processing**

Run the library-specific $PARSEPR IKANPARU->WKANPARU file-tailoring job, to regenerate only the WKANPARU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section, of the $PARSEPR member, update the SELECT MEMBER=*(*) statement to SELECT MEMBER=KC5.

**Parameter name**

N/A

**Default value**

N/A

**Permissible values**

1 - 9999

**In the Configuration Tool (ICAT)**

**Panel name**

N/A

**Panel ID**

N/A

**Field**

A numeric integer with a maximum value of four.

**Default value**

N/A

**Permissible values**

1 - 9999

**Batch parameter name**

KC5_PD_CYL

**Related parameters**

- "KC5_PD" on page 69
- "KC5_PD_GRP" on page 71
- "KC5_PD_ROW" on page 72
KC5_PD_GRP

Use the KC5_PD_GRP parameter to specify the name of a single persistent data store group.

Required or optional
Optional

Location where the parameter value is stored
In the KC5PG member of the rllev.midlev. rtename.RKANPARU library.

Selective $PARSE job processing
Run the library-specific $PARSESM IKANPARU->WLANPANRU file-tailoring job to regenerate only the WKSAMAMU(KCJ*) members that need to be reprocessed by $PARSESM. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSESM member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KC5.

Parameter name
GROUP=OMCICS (Datastore group name)

Default value
N/A

Permissible values
Character string, maximum length of eight

In the Configuration Tool (ICAT)

Panel name
Modify and Review Datastore Specifications

Panel ID
KPD62PP3

Field
Datastore group name

Default value
N/A

Permissible values
Character string, maximum length of eight

Batch parameter name
KC5_PD_GRP

Related parameters
- "KC5_PD" on page 69
- "KC5_PD_CYL" on page 70
- "KC5_PD_ROW" on page 72
**KC5_PD_ROW**

Use the KC5_PD_ROW parameter to specify the beginning of a single persistent datastore group for this agent.

If the variable value is BEGIN, then the variables up to either the next BEGIN or the next END contain all the information necessary to construct the group information for a single group. If no value is specified, the default is BEGIN.

**Required or optional**

Optional

**Location where the parameter value is stored**

In the KC5PG member of the rhilev.midlev.rteme.RKANPARU library.

**Selective $PARSE job processing**

Run the library-specific $PARSEPR IKANPARU->WKANPARU file-tailoring job to regenerate only the WKANPARU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSEPR member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KC5*.

**Parameter name**

The row begin group indicator

**Default value**

BEGIN

**Permissible values**

BEGIN, END

**In the Configuration Tool (ICAT)**

This value cannot be updated using the Configuration Tool.

**Batch parameter name**

KC5_PD_ROW

**Related parameters**

- ["KC5_PD" on page 69](#)
- ["KC5_PD_CYL" on page 70](#)
- ["KC5_PD_GRP" on page 71](#)
Use the KC5_WLM_BLOCKS parameter to specify the number of blocks to allocate in the KDSSTART or KC5START command.

OC START ID=WLM,BLOCKS=nnnnnn, where nnnnn is a value between 10 and 524287. If the default value is too small then use a value of 512. If this is still too small, increase it again by 256 or any other valid value. Recycle the started task that the agent is running in to pick up the new values.

Required or optional
Required

Location where the parameter value is stored
In the KC5AGST and KDSSTART members of the rhilev.&rte.xKANCMDU library for the start up variables of the agent.

Selective $PARSE job processing
Run the library-specific $PARSECM IKANCMDU->WKANCMDU file-tailoring job to regenerate only the WKANCMDU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSECM member update the SELECT MEMBER=(*) statement to SELECT MEMBER=(KC5* KDS*).

Parameter name
OC START ID=WLM,BLOCKS=&C5WBLKS

Default value
236

Permissible values
10 - 524287

Configuration Tool (ICAT) information

Panel name
SPECIFY CONFIGURATION PARAMETERS

Panel ID
KC541P1

Field  WLM block allocation

Default value
236

Permissible values
10 - 524287

Batch parameter name
KC5_WLM_BLOCKS

Related parameters
- "KC5_WLM_CLASSIFY" on page 74
- "KC5_WLM_REGION_RESPONSE" on page 76
- "KC5_WLM_REGION_GOAL" on page 75
**KC5_WLM_CLASSIFY**

Use the KC5_WLM_CLASSIFY parameter to classify a transaction into a single best-fit OMEGAMON XE for CICS on z/OS service class.

By default, transactions are classified into a single best-fit OMEGAMON XE for CICS on z/OS service class. Specifying a value of **ALL** will result in each transaction being matched against all of the available service class rules; this results in transactions being classified into all matching service classes. If you modify this value, you must recycle the started task that the agent is running on to pick up the new values.

**Required or optional**

Required

**Location where the parameter value is stored**

In the KC5AGST and KDSSTART members of the `rilev.&rte.xKANCMDU` library for the start up variables of the agent.

**Selective $PARSE job processing**

Run the library-specific `$PARSECM IKANCMDU->WKANCMDU` file-tailoring job to regenerate only the WKANCMDU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSECM member update the SELECT MEMBER=({}) statement to SELECT MEMBER=(KC5* KDS*).

**Parameter name and syntax**

OC START ID=WLM,SCLASS=&C5WLMTXC

**Default value**

DEFAULT

**Permissible values**

DEFAULT or ALL

**Configuration Tool (ICAT) information**

**Panel name**

SPECIFY CONFIGURATION PARAMETERS

**Panel ID**

KC541P1

**Field**

WLM service classification

**Default value**

DEFAULT

**Permissible values**

DEFAULT or ALL

**Batch parameter name**

KC5_WLM_CLASSIFY

**Related parameters**

- [“KC5_WLM_BLOCKS” on page 73](#)
- [“KC5_WLM_REGION_RESPONSE” on page 76](#)
- [“KC5_WLM_REGION_GOAL” on page 75](#)
**KC5_WLM_REGION_GOAL**

Use the KC5_WLM_REGION_GOAL parameter to specify the CICS region goal.

**Required or optional**

Required

**Location where the parameter value is stored**

In the KC5AGST and KDSSTART members of the rhilev.&rtexKANCMDU library for the start up variables of the agent.

**Selective $PARSE job processing**

Run the library-specific $PARSECM IKANCMDU->WKANCMDU file-tailoring job to regenerate only the WKANCMDU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSECM member update the SELECT MEMBER=(*) statement to SELECT MEMBER=(KC5* KDS*).

**Parameter name**

OC START ID=WLM,GOAL=&C5WLMGOL

**Default value**

A=Average

**Permissible values**

A or 1-99

**Configuration Tool (ICAT) information**

**Panel name**

SPECIFY CONFIGURATION PARAMETERS

**Panel ID**

KC541P1

**Field**

WLM region goal

**Default value**

A=Average

**Permissible values**

A or 1-99

**Batch parameter name**

KC5_WLM_REGION_GOAL

**Related parameters**

- [“KC5_WLM_BLOCKS”](#) on page 73
- [“KC5_WLM_CLASSIFY”](#) on page 74
- [“KC5_WLM_REGION_RESPONSE”](#) on page 76
KC5_WLM_REGION_RESPONSE

Use the KC5_WLM_REGION_RESPONSE parameter to specify the CICS region response time goal.

Required or optional
Required

Location where the parameter value is stored
In the KC5AGST and KDSSTART members of the rhilev.&rte.xKANCMDU library for the start up variables of the agent.

Selective $PARSE job processing
Run the library-specific $PARSECM IKANCMDU->WKANCMDU file-tailoring job to regenerate only the WKANCMDU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSECM member update the SELECT MEMBER=(*) statement to SELECT MEMBER=(KC5* KDS*).

Parameter name
OC START ID=WLM,RESP=&C5WLMRSP

Default value
2.00 = 2 seconds

Permissible values
0.001 - 9999.999

Configuration Tool (ICAT) information

Panel name
SPECIFY CONFIGURATION PARAMETERS

Panel ID
KC541P1

Field
WLM region response time

Default value
2.00 = 2 seconds

Permissible values
0.001 - 9999.999

Batch parameter name
KC5_WLM_REGION_RESPONSE

Related parameters
- “KC5_WLM_BLOCKS” on page 73
- “KC5_WLM_CLASSIFY” on page 74
- “KC5_WLM_REGION_GOAL” on page 75
Chapter 4. KGW configuration parameters

The configuration parameters for the OMEGAMON XE for CICS on z/OS monitoring component are grouped logically in the configuration file.

This section explains the parameters found in the OMEGAMON XE for CICS TG on z/OS section of the PARMGEN configuration profile. The prefix associated with OMEGAMON XE for CICS TG on z/OS is KGW.

The GBL_DSN_CICS_CTG_DLL runtime environment parameter is required for the OMEGAMON XE for CICS TG on z/OS product configuration. This parameter is used to specify the data set name of the CICS Transaction Gateway Dynamic Link Library. This library contains the CTGSTATS program, which is dynamically called during runtime. If multiple versions of OMEGAMON XE for CICS TG on z/OS are being monitored, then specify the library which corresponds to the highest version being monitored by the agent.

If you specify Y, for the CONFIGURE_CICS_TG_KGW parameter of OMEGAMON XE for CICS on z/OS, the KGW parameters are generated and used in the runtime environment configuration. If the value is N, then all KGW parameters are ignored.

The following parameters are located in the configuration profile (either your rte_name or $CFG$IBM) file. They are grouped and listed here in the order they might be used to configure the initial values for the various OMEGAMON XE for CICS TG on z/OS features:

- **OMEGAMON XE for CICS TG agent RKGWXMnn XMIT number**
  - “KGW_AGT_XMIT” on page 79

- **CICS TG Statistics API and client manager options (client configuration parameters)**
  - “KGW_SAPI_CLIENT_INTERVAL” on page 89
  - “KGW_SAPI_CLIENT_MESSAGES>Type” on page 92
  - “KGW_SAPI_CLIENT_MESSAGES_SYSOUT” on page 91
  - “KGW_SAPI_CLIENT_LOOP_DETECT” on page 90
  - “KGW_SAPI_CLIENT_SESSION_TIMEOUT” on page 93

- **Gateway Daemon statistics collection table**
  - “KGW_SA” on page 84
  - “KGW_SAnn_ROW” on page 87
  - “KGW_SAnn_CTG_DAEMON_STC” on page 86
  - “KGW_SAnn_CTG_DAEMON_PORT_NUM” on page 85
  - “KGW_SAnn_SAPI_CLIENT_CTGTRACE” on page 88

- **IBM Tivoli Monitoring historical collection for any of the OMEGAMON XE for CICS TG historical tables**
  - “KGW_PD” on page 80
  - “KGW_PD_ROW” on page 83
  - “KGW_PD_CYL” on page 81
  - “KGW_PD_GRP” on page 82

- **OMEGAMON XE for CICS TG agent address space initialization values (See the Common Parameter Reference Guide, SC14-7280, for a list and description of these shared parameters)**
  - KGW_AGT*
  - KGW_X_AGT*

- **These IBM Tivoli Monitoring:Engine storage parameters require minimum values that are greater than the default value as indicated below**
  - KGW_AGT_STORAGE_MINIMUM_EXTEND 256000
  - KGW_X_AGT_STORAGE_LIMIT_EXTEND 22
- KGW_X_AGT_STORAGE_RESERVE_PRI 2048

- OMEGAMON XE for CICS TG agent address space Tivoli Enterprise Monitoring Server connection values (See the Common Parameter Reference Guide, SC14-7280, for a list and description of these shared parameters)
  - KGW_TEM*S

- Indicate whether IBM Tivoli Monitoring historical data collection will be configured at the Tivoli Enterprise Monitoring Server or the agent (See the Common Parameter Reference Guide, SC14-7280, for a list and description of these shared parameters)
  - KGW_PD_HISTCOLL_DATA_IN_TEM*S_STC
  - KGW_PD_HISTCOLL_DATA_IN_AGT_STC
KGW_AGT_XMIT

The KGW_AGT_XMIT parameter specifies the monitoring agent XMIT number for the agent started task.

**Required or optional**
Optional

**Location where the parameter value is stored**
In the CANSGW member of the `rhilev.midlev.rtname.RKANSAMU` library

**Parameter name**
N/A (this is a DD statement in JCL)

**Default value**
00

**Permissible values**
00-15

**In the Configuration Tool (ICAT)**

**Panel name**
SPECIFY ADVANCED CONFIGURATION PARAMETERS

**Panel ID**
KGW41P2

**Field**
Agent XMIT number

**Default value**
00

**Permissible values**
00-15

**Batch parameter name**
KGW_AGT_XMIT
**KGW_PD**

The KGW_PD parameter specifies the beginning and ending syntax markers for the KGW_PD_* group of parameters.

**Required or optional**
Not a parameter, KGW_PD is a syntax marker in the configuration profile (either your `rte_name` or `$CFG$IBM) that marks the beginning and end of the KGW_PD_* block of values.

**Location where the parameter value is stored**

N/A

**Parameter name**

N/A

**Default value**

BEGIN

**Permissible values**

BEGIN, END

**In the Configuration Tool (ICAT)**
This value cannot be updated using the Configuration Tool.

**Batch parameter name**

KGW_PD

**Related parameters**

- [“KGW_PD_CYL” on page 81](#)
- [“KGW_PD_GRP” on page 82](#)
- [“KGW_PD_ROW” on page 83](#)
**KGW_PD_CYL**

Use the KGW_PD_CYL parameter to specify the space allocation for the persistent data store libraries and for overhead information such as the product dictionary, table records, index records, and buffers to hold overflow data when the libraries are full.

Allocate enough storage so that maintenance procedures are run only once a day. For more information about maintaining the persistent data store, see the IBM Tivoli OMEGAMON XE and Tivoli Management Services on z/OS: Common Planning and Configuration Guide.

**Required or optional**

Optional

**Location where the parameter value is stored**

In the KGWAL member of the rhilev.midlev.rtename.RKANPARU library.

Selective $PARSE job processing: Run the library-specific $PARSEPR IKANPARU->WKANPARU file-tailoring job, to regenerate only the WKANPARU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section, of the $PARSEPR member, update the SELECT MEMBER=(*) statement to SELECT MEMBER=KGW*.

**Parameter name**

N/A

**Default value**

50

**Permissible values**

1 - 9999

**In the Configuration Tool (ICAT)**

**Panel name**

MODIFY AND REVIEW DATASTORE SPECIFICATIONS

**Panel ID**

KGW62PP3

**Field**

Est Cyl Space

**Default value**

50

The Configuration Tool computes this value using a formula using the SIZE, WINDOW, and UNIT TYPE values. The default in batch mode is 290. The default in interactive mode is 261.

**Permissible values**

1 - 9999

**Batch parameter name**

KGW_PD_CYL

**Related parameters**

- “KGW_PD” on page 80
- “KGW_PD_GRP” on page 82
- “KGW_PD_ROW” on page 83
**KGW_PD_GRP**

Use the KGW_PD_GRP parameter to specify the name of a single persistent data store group. The LARDATA parameter is the name of the default group.

**Required or optional**
- Optional

**Location where the parameter value is stored**

In the KGWPG member of the rhilev.midlev.rename.RKANPARU library.

Selective $PARSE job processing: Run the library-specific $PARSEPR IKANPARU->WKANPARU file-tailoring job to regenerate only the WKANPARU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSEPR member update the SELECT MEMBER=(*+*) statement to SELECT MEMBER=KGW*.

**Parameter name**
- Datastore group name

**Default value**
- KGW

**Permissible values**
- Character string, maximum length of eight

**In the Configuration Tool (ICAT)**

**Panel name**
- Modify and Review Datastore Specifications

**Panel ID**
- KGW62PP3

**Field**
- Datastore group name

**Default value**
- KGW

**Permissible values**
- Character string, maximum length of eight

**Batch parameter name**
- KGW_PD_GRP

**Related parameters**
- “KGW_PD” on page 80
- “KGW_PD_CYL” on page 81
- “KGW_PD_ROW” on page 83
**KGW_PD_ROW**

Use the KGW_PD_ROW parameter to specify the beginning of a single persistent datastore group for this agent.

If the variable value is **BEGIN**, then the variables up to either the next **BEGIN** or the next **END** contain all the information necessary to construct the group information for a single group. If no value is specified, the default is **BEGIN**.

**Required or optional**
- Optional

**Location where the parameter value is stored**
- In the KGWPG member of the `rhilev,midlev,rtename,RKANPARU` library.

**Parameter name**
- **PDV1ROW** (Row begin group indicator)

**Default value**
- **BEGIN**

**Permissible values**
- **BEGIN, END**

**In the Configuration Tool (ICAT)**
- This value cannot be updated using the Configuration Tool.

**Default value**
- **BEGIN**

**Permissible values**
- **BEGIN, END**

**Batch parameter name**
- **KGW_PD_ROW**

**Related parameters**
- "**KGW_PD**" on page 80
- "**KGW_PD_CYL**" on page 81
- "**KGW_PD_GRP**" on page 82
**KGW-SA**

The KGW_SA parameter specifies the beginning and ending syntax markers for the KGW_SA_* group of parameters. If the variable value is BEGIN, the variables up to either the next BEGIN or the next END value contain all the information necessary to construct the information for a single KGWSA row entry.

**Required or optional**
Not a parameter, KGW_SA is a syntax marker in the configuration profile (either your rte_name or $CFG$IBM) that marks the beginning and end of the KGW_SA_* block of values.

**Location where the parameter value is stored**
In the KGWSAPIP member of the rhilev.midlev.rtename.RKANPARU library.

**Parameter name**
N/A

**Default value**
BEGIN

**Permissible values**
BEGIN, END

**In the Configuration Tool (ICAT)**
This value cannot be updated using the Configuration Tool.

**Batch parameter name**
KGW_SA

**Related parameters**
- “KGW_SAAnn_ROW” on page 87
- “KGW_SAAnn_CTG_DAEMON_STC” on page 86
- “KGW_SAAnn_CTG_DAEMON_PORT_NUM” on page 85
- “KGW_SAAnn_SAPI_CLIENT_CTGTRACE” on page 88
**KGW_SAAnn_CTG_DAEMON_PORT_NUM**

The KGW_SAAnn_CTG_DAEMON_PORT_NUM parameter specifies the IP port number you want to use for the monitoring component. The SAAnn parameters describe monitoring defaults for each CICSTG to be monitored, where nn = 01-99.

**Required or optional**

Required

**Location where the parameter value is stored**

In the KGWSAPIP member of the rhilev.midlev.rtename.RKANPARU library.

**Selective $PARSE job processing**

Run the library-specific $PARSEPR IKANPARU->WKANPARU file-tailoring job to regenerate only the WKANPARU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSEPR member update the SELECT MEMBER=(* ) statement to SELECT MEMBER=KGW*.

**Parameter name**

INCLUDE=(StatsPortNumber)

**Default value**

2980

**Permissible values**

0 - 65535

**In the Configuration Tool (ICAT)**

**Panel name**

UPDATE CTGPROC COLLECTION INFORMATION

**Panel ID**

KGW41P3

**Field**

Stats port number

**Default value**

2980

**Permissible values**

0 - 65535

**Batch parameter name**

KGW_SA_CTG_STATS_PORT

**Related parameters**

- “KGW_SA” on page 84
- “KGW_SAAnn_ROW” on page 87
- “KGW_SAAnn_CTG_DAEMON_STC” on page 86
- “KGW_SAAnn_SAPI_CLIENT_CTGTRACE” on page 88
The KGW_SAnn_CTG_DAEMON_STC parameter is used to enable transaction monitoring for a given CICS TG and add the CICS TG jobname to the parameter. The jobname value will either be the CICS TG jobname or, if you are running in local mode, the WebSphere Application Server jobname. The SAnn parameters describe monitoring defaults for each CICSTG to be monitored, where nn = 01-99.

Required or optional
Optional

Location where the parameter value is stored
In the KGWSAPIP member of the rhilev.midlev.rtename.RKANPARU library.

Selective $PARSE job processing
Run the library-specific $PARSEPR IKANPARU->WKANPARU file-tailoring job to regenerate only the WKANPARU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSEPR member update the SELECT MEMBER=\(\ast\) statement to SELECT MEMBER=KGW*.

Parameter name
INCLUD\(\ast\)=(ctgjobname)

Default value
CTGPROC

Permissible values
N/A

In the Configuration Tool (ICAT)

Panel name
SPECIFY ADVANCED CONFIGURATION PARAMETERS

Panel ID
KGW41P1 AND KGW41P3

Field
Jobname

Default value
CTGPROC

Permissible values
N/A

Batch parameter name
KGW_SA_CTG_DAEMON_JOBNAME

Related parameters
- “KGW_SA” on page 84
- “KGW_SAnn_ROW” on page 87
- “KGW_SAnn_CTG_DAEMON_PORT_NUM” on page 85
- “KGW_SAnn_SAPI_CLIENT_CTGTRACE” on page 88
KGW_SAAnn_ROW

The KGW_SAAnn_ROW parameter specifies the beginning or end of a single CTG Daemon statistics collection table row entry for the monitoring component. The variable, SAAnn can be 01-99. For example, KGW_SA02_ROW.

Required or optional
Optional

Location where the parameter value is stored
In the KGWSAPIP member of the rhilev.midlev.rtename.RKANPARU library.

Parameter name
SAV1ROW (Row begin group end indicator)

Default value
01

Permissible values
1-99

In the Configuration Tool (ICAT)
This value cannot be updated using the Configuration Tool.

Batch parameter name
KGW_SA_ROW

Related parameters
- “KGW_SA” on page 84
- “KGW_SAAnn_CTG_DAEMON_STC” on page 86
- “KGW_SAAnn_CTG_DAEMON_PORT_NUM” on page 85
- “KGW_SAAnn_SAPI_CLIENT_CTGTRACE” on page 88
**KGW_SAnn_SAPI_CLIENT_CTGTRACE**

The KGW_SAnn_SAPI_CLIENT_CTGTRACE parameter specifies the trace level setting of the SAPI client for the CICS TG DAEMON. The SAnn parameters describe monitoring defaults for each CICSTG to be monitored, where \( nn \) = 01-99.

**Required or optional**
- Optional

**Location where the parameter value is stored**
- In the KGWSAPIP member of the \( rhilev.midlev.rename.RKANPARU \) library.

**Selective $PARSE job processing**
- Run the library-specific $PARSEPR IKANPARU->WKANPARU file-tailoring job to regenerate only the WKANPARU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION:
  - CONFIG/SELECT MEMBER section of the $PARSEPR member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KGW*.

**Parameter name**
- SAPI_CLIENT_CTGTRACE

**Default value**
- 0

**Permissible values**
- 0 = no trace; 4 = full trace

**In the Configuration Tool (ICAT)**

**Panel name**
- UPDATE CTGPROC COLLECTION INFORMATION

**Panel ID**
- KGW41P3

**Field**
- CICS TG trace level

**Default value**
- 0

**Permissible values**
- 0 = no trace; 4 = full trace

**Batch parameter name**
- KGW_SA_CTG_TRACE_LEVEL

**Related parameters**
- “KGW_SA” on page 84
- “KGW_SAnn_ROW” on page 87
- “KGW_SAnn_CTG_DAEMON_STC” on page 86
- “KGW_SAnn_CTG_DAEMON_PORT_NUM” on page 85
**KGW_SAPI_CLIENT_INTERVAL**

The KGW_SAPI_CLIENT_INTERVAL parameter specifies the statistics sampling interval.

**Required or optional**
Optional

**Location where the parameter value is stored**
In the KGWSAPIP member of the &rilev.&rte.RKANPARU library for the runtime environment of the agent.

**Selective $PARSE job processing**
Run the library-specific $PARSEPR IKANPARU->WKANPARU file-tailoring job to regenerate only the WKANPARU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSEPR member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KGW*.

**Parameter name**
SAPI_CLIENT_INTERVAL

**Default value**
120

**Permissible values**
1 - 99999 seconds

**In the Configuration Tool (ICAT)**

**Panel name**
SPECIFY ADVANCED CONFIGURATION PARAMETERS

**Panel ID**
KGW41P2

**Field**
Sampling interval

**Default value**
120

**Permissible values**
1 - 99999 seconds

**Batch parameter name**
KGW_STATS_SAMPL_INTERVAL

**Related parameters**
- "KGW_SAPI_CLIENT_LOOP_DETECT" on page 90
- "KGW_SAPI_CLIENT_MESSAGES_TYPE" on page 92
- "KGW_SAPI_CLIENT_MESSAGES_SYSOUT" on page 91
- "KGW_SAPI_CLIENT_SESSION_TIMEOUT" on page 93
**KGW_SAPI_CLIENT_LOOP_DETECT**

The KGW_SAPI_CLIENT_LOOP_DETECT parameter specifies the client manager loop detection time.

**Required or optional**

Optional

**Location where the parameter value is stored**

In the KGWSAPIP member of the &rhilev.&rte.RKANPARU library for the runtime environment of the agent.

**Selective $PARSE job processing**

Selective $PARSE job processing: Run the library-specific $PARSEPR IKANPARU->WKANPARU file-tailoring job to regenerate only the WKANPARU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSEPR member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KGW*.

**Parameter name**

KGW_CLIENT_MGR_LOOP_DET

**Default value**

10

**Permissible values**

1 - 99999 seconds

**In the Configuration Tool (ICAT)**

**Panel name**

SPECIFY ADVANCED CONFIGURATION PARAMETERS

**Panel ID**

KGW41P2

**Field**

Loop detect time

**Default value**

10

**Permissible values**

1 - 99999 seconds

**Batch parameter name**

KGW_CLIENT_MGR_LOOP_DET

**Related parameters**

- "KGW_SAPI_CLIENT_INTERVAL" on page 89
- "KGW_SAPI_CLIENT_MESSAGES_TYPE" on page 92
- "KGW_SAPI_CLIENT_MESSAGES_SYSOUT" on page 91
- "KGW_SAPI_CLIENT_SESSION_TIMEOUT" on page 93
The KGW_SAPI_CLIENT_MESSAGES_SYSOUT parameter specifies the client manager message sysout. If LOG is specified, then this is the sysout class that the log is written to.

### Required or optional
Optional

### Location where the parameter value is stored
In the KGWSAPIP member of the &rnlvel.&rte.RKANPARU library for the runtime environment of the agent.

### Selective $PARSE job processing
Run the library-specific $PARSEPR IKANPARU->WKANPARU file-tailoring job to regenerate only the WKANPARU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSEPR member update the SELECT MEMBER=(*).statement to SELECT MEMBER=KGW*.

### Parameter name
SAPI_CLIENT_MESSAGES

### Default value
LOG, X

### Permissible values
LOG, WTO, LOGWTO

### In the Configuration Tool (ICAT)

#### Panel name
SPECIFY ADVANCED CONFIGURATION PARAMETERS

#### Panel ID
KGW41P2

#### Field
Message output

#### Default value
LOG, X

#### Permissible values
LOG, WTO, LOGWTO

### Batch parameter name
KGW_CLIENT_MGR_SOUT

### Related parameters
- “KGW_SAPI_CLIENT_INTERVAL” on page 89
- “KGW_SAPI_CLIENT_MESSAGES_TYPE” on page 92
- “KGW_SAPI_CLIENT_LOOP_DETECT” on page 90
- “KGW_SAPI_CLIENT_SESSION_TIMEOUT” on page 93
**KGW_SAPI_CLIENT_MESSAGES_TYPE**

The KGW_SAPI_CLIENT_MESSAGES_TYPE parameter specifies the client manager message type. Specify WTOLOG when messages should be logged and written to the WTO display console.

**Required or optional**
- Optional

**Location where the parameter value is stored**
- In the KGWSAPIP member of the &rhilev.&rte.RKANPARU library for the runtime environment of the agent.

**Selective $PARSE job processing**
- Run the library-specific $PARSEPR IKANPARU->WKANPARU file-tailoring job to regenerate only the WKANPARU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSEPR member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KGW*.

**Parameter name**
- SAPI_CLIENT_MESSAGES

**Default value**
- LOG, X

**Permissible values**
- LOG, WTO, LOGWTO

**In the Configuration Tool (ICAT)**

**Panel name**
- SPECIFY ADVANCED CONFIGURATION PARAMETERS

**Panel ID**
- KGW41P2

**Field**
- Message type

**Default value**
- LOG, X

**Permissible values**
- LOG, WTO, LOGWTO

**Batch parameter name**
- KGW_CLIENT_MGR_TYPE

**Related parameters**
- ["KGW_SAPI_CLIENT_INTERVAL" on page 89](#)
- ["KGW_SAPI_CLIENT_LOOP_DETECT" on page 90](#)
- ["KGW_SAPI_CLIENT_MESSAGES_SYSOUT" on page 91](#)
- ["KGW_SAPI_CLIENT_SESSION_TIMEOUT" on page 93](#)
**KGW_SAPI_CLIENT_SESSION_TIMEOUT**

The KGW_SAPI_CLIENT_SESSION_TIMEOUT parameter specifies the SAPI client session timeout value.

**Required or optional**
Optional

**Location where the parameter value is stored**
In the KGWSAPIP member of the &rhilev.&rte.RKANPARU library for the runtime environment of the agent.

**Selective $PARSE job processing**
Selective $PARSE job processing: Run the library-specific $PARSEPR IKANPARU- >WKANPARU file-tailoring job to regenerate only the WKANPARU members that need to be reprocessed. To limit the update to only members relevant to this component in the USER SECTION: CONFIG/SELECT MEMBER section of the $PARSEPR member update the SELECT MEMBER=(*) statement to SELECT MEMBER=KGW*.

**Parameter name**
SAPI_CLIENT_SESSION_TIMEOUT

**Default value**
3

**Permissible values**
1 - 99999 seconds

**In the Configuration Tool (ICAT)**

**Panel name**
SPECIFY ADVANCED CONFIGURATION PARAMETERS

**Panel ID**
KGW41P2

**Field**
Session timeout

**Default value**
3

**Permissible values**
1 - 99999 seconds

**PARMLIB classification**
CICSTG Statistics API parameters

**Related parameters**
- "KGW_SAPI_CLIENT_INTERVAL" on page 89
- "KGW_SAPI_CLIENT_MESSAGES_TYPE" on page 92
- "KGW_SAPI_CLIENT_MESSAGES_SYSOUT" on page 91
- "KGW_SAPI_CLIENT_LOOP_DETECT" on page 90
Documentation library

This section information about the publications related to the OMEGAMON XE products and to IBM Tivoli Monitoring and the commonly shared components of Tivoli Enterprise Monitoring Server.


To find a list of new and changed publications, click **What's new** on the Welcome page of the IBM Tivoli Monitoring and OMEGAMON XE Information Center. To find publications from the previous version of a product, click **Previous information centers** on the Welcome page for the product.

**OMEGAMON XE for CICS on z/OS library**

The following publications are available for IBM Tivoli OMEGAMON XE for CICS on z/OS:

- **Program Directory**, GI13-2212
  Contains information about the material and procedures associated with the installation of IBM Tivoli OMEGAMON XE for CICS on z/OS. The Program Directory is intended for the system programmer responsible for program installation and maintenance.

- **IBM Tivoli OMEGAMON XE for CICS on z/OS: User’s Guide**, SC14-7471
  Introduces the features, workspaces, attributes, and predefined situations for the IBM Tivoli OMEGAMON XE for CICS on z/OS product and supplements the user assistance provided with this product. This document is written for system operators.

  Introduces the features, workspaces, attributes, and predefined situations for the OMEGAMON XE for CICS TG on z/OS component and supplements the user assistance provided with this product. This document is written for system operators.

- **IBM Tivoli OMEGAMON XE for CICS on z/OS: Planning and Configuration Guide**, SC14-7472
  Provides planning and configuration information for installing OMEGAMON XE for CICS on z/OS; information about the OMEGAMON XE zSeries products, and configuring aspects of the OMEGAMON for CICS (3270) and the OMEGAMON XE for CICS TG components.

- **IBM Tivoli OMEGAMON XE for CICS on z/OS: Troubleshooting Guide**, GC14-7473
  Contains information about messages issued by OMEGAMON XE for CICS on z/OS; as well as the OMEGAMON II for CICS and OMEGAMON for CICS TG components. It also contains information about potential problems and suggested workarounds, to assist you in recognizing and resolving problems for the base product and the OMEGAMON for CICS TG component.

- **IBM Tivoli OMEGAMON XE for CICS on z/OS: OMEGAMON for CICS User’s Guide**, SC147-7474
  This guide describes how to use the OMEGAMON for CICS (3270) interface.

  This guide provides reference information about the parameters that are used for setting and storing configuration values for the runtime environments in which the OMEGAMON XE for CICS on z/OS monitoring agent and the OMEGAMON II for CICS and OMEGAMON XE for CICS TG on z/OS components are configured.
OMEGAMON XE and Tivoli Management Services on z/OS common library

The following publications provide information that is common to the OMEGAMON XE products:

- **Quick Start Guide**, GI11-8918
  Describes the procedure for installing a new monitoring agent on z/OS. If you are upgrading a monitoring agent and Tivoli Management Services, refer to the *OMEGAMON XE and Tivoli Management Services on z/OS: Upgrade Guide*.

- **Common Parameter Reference Guide**, SC14-7280-00
  Provides reference information on the parameters that are used for setting up runtime environments and configuring hub and remote Tivoli Enterprise Monitoring Servers on z/OS.

- **Common Planning and Configuration Guide**, SC23-9734
  Gives instructions for planning and configuration tasks common to the components of Tivoli Management Services on z/OS and the OMEGAMON XE monitoring agents on z/OS.

- **OMEGAMON Enhanced 3270 User Interface Guide**, SC22-5426
  Describes the features of the interface and provides operating instructions and reference material.

- **Upgrade Guide**, SC23-9745
  Gives instructions for complete and staged upgrades to the current version of OMEGAMON XE products.

- **PARMGEN Reference**, SC22-5435
  Gives common scenarios that you can reference when using the PARMGEN configuration method when using V5.1.0 of the OMEGAMON XE products.

- **End-to-End Response Time Feature References**, SC27-2303
  Provides instructions and reference information for the End-to-End Response Time Feature, which supplies response time data to several OMEGAMON XE product.

- **Reports for Tivoli Common Reporting**, SC27-2303
  Explains how to use the Tivoli Common Reporting tool to create reports from data displayed in the Tivoli Enterprise Portal and stored in the Tivoli Data Warehouse database.

IBM Tivoli Monitoring library

The following publications provide information that is common to the OMEGAMON XE products:

- **Quick Start Guide**, GI11-8058
  Introduces the components of IBM Tivoli Monitoring.

- **Installation and Setup Guide**, GC32-9407
  Provides instructions for installing and configuring IBM Tivoli Monitoring components on Windows, Linux, and UNIX systems.

- **Program Directory for IBM Tivoli Management Services on z/OS**, GI11-4105
  Gives instructions for the SMP/E installation of the Tivoli Enterprise Monitoring Server components on the z/OS operating system.

- **Configuring the Tivoli Enterprise Monitoring Server on z/OS**, SC27-2313
  Gives detailed instructions for using the Configuration Tool to configure Tivoli Enterprise Monitoring Server on z/OS systems. Includes scenarios for using batch mode to replicate monitoring environments across the z/OS enterprise. Also provides instructions for setting up security and for adding application support to a Tivoli Enterprise Monitoring Server on the z/OS operating system.

- **Administrator’s Guide**, SC32-9408
  Describes the support tasks and functions required for the Tivoli Enterprise Portal Server and clients, including Tivoli Enterprise Portal user administration.

- **Tivoli Enterprise Portal online help**
Provides context-sensitive reference information about all features and customization options of the Tivoli Enterprise Portal. Also gives instructions for using and administering the Tivoli Enterprise Portal.

- **User’s Guide, SC32-9409**
  Complements the Tivoli Enterprise Portal online help. The guide provides hands-on lessons and detailed instructions for all Tivoli Enterprise Portal features.

- **Command Reference, SC32-6045**
  Provides detailed syntax and parameter information and examples of the commands you can use in IBM Tivoli Monitoring.

- **Troubleshooting Guide, GC32-9458**
  Provides information to help you troubleshoot problems with the software.

- **Messages, SC23-7969**
  Lists and explains messages generated by all IBM Tivoli Monitoring components and by z/OS-based Tivoli Enterprise Monitoring Server components (such as Tivoli Enterprise Monitoring Server on z/OS and TMS:Engine).

- **IBM Tivoli Universal Agent User’s Guide, SC32-9459**
  Introduces you to the IBM Tivoli Universal Agent, an agent of IBM Tivoli Monitoring. The IBM Tivoli Universal Agent enables you to use the monitoring and automation capabilities of IBM Tivoli Monitoring to monitor any type of data you collect.

- **IBM Tivoli Universal Agent API and Command Programming Reference Guide, SC32-9461**
  Explains the procedures for implementing the IBM Tivoli Universal Agent APIs and provides descriptions, syntax, and return status codes for the API calls and command-line interface commands.

- **Agent Builder User’s Guide, SC32-1921**
  Explains how to use the Agent Builder for creating monitoring agents and their installation packages, and for adding functions to existing agents.

- **Performance Analyzer User’s Guide, SC27-4004**
  Explains how to use the Agent Builder for creating monitoring agents and their installation packages, and for adding functions to existing agents.

- **Fix Pack Readme and Documentation Addendum**
  Describes the installation process for a fix pack and provides updated information on problems and workarounds associated with the fix pack. A new version of this document is created for each fix pack.

**Other sources of documentation**

You can also obtain technical documentation about Tivoli Monitoring and OMEGAMON XE products from the following sources:

- **IBM Tivoli Integrated Service Management Library**
  The Integrated Service Management Library is an online catalog that contains integration documentation and other downloadable product extensions. This library is updated daily.

- **Redbooks**
  IBM Redbooks, Redpapers, and Redbooks provide information about products from platform and solution perspectives.

- **Technotes or more directly through**
  You can find Technotes through the IBM Software Support web site [http://www.ibm.com/software/](http://www.ibm.com/software/) or your product web site, which contains a link to Technotes (under Solve a problem). Technotes provide the latest information about known product limitations and workarounds.
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IBM Support Assistant
   The IBM Support Assistant (ISA) is a free local software serviceability workbench that helps you resolve questions and problems with IBM software products. The ISA provides quick access to support-related information and serviceability tools for problem determination. To install the ISA software, go to [http://www.ibm.com/software/support/isa](http://www.ibm.com/software/support/isa).

Troubleshooting Guide
   For more information about resolving problems, see the *IBM Tivoli OMEGAMON XE for CICS on z/OS: Troubleshooting Guide*. 
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