

IBM OMEGAMON for IMS on z/OS
5.5.0

Parameter Reference



Note

Before using this information and the product it supports, read the information in [“Notices” on page 57.](#)

August 2024 Edition

This edition applies to version 5, release 5, modification 0, of IBM OMEGAMON for IMS on z/OS (product number 5698-T02) and to all subsequent releases and modifications until otherwise indicated in new editions.

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Chapter 1. OMEGAMON configuration parameters overview

The IBM OMEGAMON® for IMS on z/OS® product uses the Parameter Generator (PARMGEN) for product configuration. Using PARMGEN, you edit a comprehensive list of parameters to configure all the installed products and components in a runtime environment. Then, you submit a series of jobs to create a complete runtime environment with the parameter values that you specified.

The material in this reference includes information about the configuration parameters specific to the OMEGAMON for IMS on z/OS and OMEGAMON for IMS Classic (3270) component.

The IBM OMEGAMON for IMS on z/OS product and the related OMEGAMON for IMS Classic component use parameters to set and store configuration values.

Some parameters, such as those used by runtime environments and the Tivoli® Enterprise Monitoring Server, are common to all the OMEGAMON monitoring agents. Other parameters are specific to a particular agent. The "Parameter Reference" contains the information for parameters specific to the OMEGAMON for IMS on z/OS and OMEGAMON for IMS Classic components.

For information about common and global parameters, including the ones for the OMEGAMON enhanced 3270 user interface, see [Common parameters](#) in the Reference section of *OMEGAMON shared documentation, Version 6.3.0 Fix Pack 2 and above*. In addition, review the [PARMGEN Technote](#).



Attention: Do not attempt to configure this product by using only the information in this reference. This reference supplements the information in *OMEGAMON shared documentation, Version 6.3.0 Fix Pack 2 and above*. Many of the pre- and post-configuration tasks described in the [Configuring](#) section of *OMEGAMON shared documentation, Version 6.3.0 Fix Pack 2 and above*, and in the *IBM OMEGAMON for IMS on z/OS: Planning and Configuration Guide* must also be completed.

PARMGEN configuration method

The Parameter Generator (PARMGEN) is the only configuration tool that provides a runtime environment approach to configuration.

By using PARMGEN, you edit a comprehensive list of parameters for configuring all the installed products and components in a runtime environment. The comprehensive list of parameters is grouped logically in the PARMGEN configuration profile. A PARMGEN configuration profile contains the values for all the parameters in a runtime environment.

Then, you submit a series of jobs to create a complete runtime environment with the values of the parameters that you specified. In addition, you can go through the configuration process by using the **PARMGEN WORKFLOW** interface.

For more information about using the PARMGEN configuration method, see the [Configuring](#) section of *OMEGAMON shared documentation, Version 6.3.0 Fix Pack 2 and above*.



Attention:

The interactive ICAT was the original method to define the configuration parameters for OMEGAMON for IMS on z/OS, which is no longer supported since version 5.3.0. If you have runtime environments that are already configured by ICAT, run the conversion utility (the KCIJPCNV job) on the existing parameter values in your runtime environment and set up initial values for a new runtime environment (RTE) to be configured by the PARMGEN method.

For information about using the KCIJPCNV utility, see [Convert a Configuration Tool runtime environment batch member](#). To see the conversion scenario, see [Scenario PGN05](#) of *OMEGAMON shared documentation, Version 6.3.0 Fix Pack 2 and above*.

Name of configuration parameters

You can see the name of the parameter in the PARMGEN parameter list, for example: KI2_CLASSIC_ATFI2.

This reference guide describes the parameter names for this monitoring agent. To investigate the complete list of names for the runtime environment and Tivoli Enterprise Monitoring Server parameters, see [Common parameters](#) in the Reference section of *OMEGAMON shared documentation, Version 6.3.0 Fix Pack 2 and above*.

The names of some parameters include *n* or *nn*. Note that these are not the actual names of these parameters that you see 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 might have multiple instances of KI5_IInn values if multiple IMS subsystems are defined. If you cannot find a parameter by searching on its full name, omit the numbers that define its instance and try searching on a part of the parameter.

Location of stored configuration parameters

Most IBM OMEGAMON for IMS on z/OS configuration parameters and configured values are stored in the KI5ENV or KI5SYSIN members of the *&rhilev.&midlev.&rtename*.RKANPARU 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 KI5 is OMEGAMON for IMS on z/OS and KI2 is OMEGAMON for IMS Classic.

The parameters that are stored in the KI5ENV member are *environment variables* that determine the operating characteristics of the runtime environment in which products and components are configured. The parameters that are stored in the KI5SYSIN members are *startup parameters* that determine the default startup values for each product or component.

Some environment variables and startup parameters are stored in members other than KI5ENV or KI5SYSIN, or in data sets other than RKANPARU. Some additional parameters are neither environment variables or startup parameters, but must be included in the runtime libraries for the products and components to operate correctly.

Default values of parameters

By default, the monitoring agent and all components have predefined parameter values.

Some parameters have only one default value, and some parameters have more than one default value, for example, global default value, the PARMGEN default value, and your edited default value. When more than one default value exist, the PARMGEN default value overrides the global default value, and your edited default value overrides the PARMGEN default value.

For example, Tivoli Monitoring Services:Engine (TMS:Engine) sets the global default value for the KDS_TEMS_STORAGE_LIMIT_EXTEND parameter. However, PARMGEN shows a different default value for the Tivoli Enterprise Monitoring Server:

```
LIMIT(24,X)
```

So if you configured your environment by using PARMGEN, the value for the KDS_TEMS_STORAGE_LIMIT_EXTEND parameter is 24. Then, you edit a default value in a PARMGEN file, and your edited default value overrides the PARMGEN default value.

The OMEGAMON for IMS on z/OS monitoring agent KI5_X_AGT_STORAGE_LIMIT_EXTEND parameter has the following default value:

```
LIMIT(24,X)
```

If the monitoring agent is configured in the Tivoli Enterprise Monitoring Server address space, the Tivoli Enterprise Monitoring Server value applies to both the Tivoli Enterprise Monitoring Server and the monitoring agent, the monitoring agent does not have its own value. If the monitoring agent is configured stand-alone, then the monitoring agent value for each parameter overrides the TMS:Engine value, and the Tivoli Enterprise Monitoring Server value has no effect on the monitoring agent.

For information about the default values for runtime environment and Tivoli Enterprise Monitoring Server parameters, see [Common parameters](#) in the Reference section of *OMEGAMON shared documentation, Version 6.3.0 Fix Pack 2 and above*. Default values for this monitoring agent are documented in the topics that follow.

Generating and editing the configuration profile

You can set up a configuration profile by using the initial values in the configuration profile member of the WCONFIG work control library as input, or by cloning and modifying an existing PARMGEN runtime environment.

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 by using one of the following methods:

- Use the initial values that are 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.
- Clone and possibly modify an existing PARMGEN runtime environment.

As new user of OMEGAMON monitoring agents, to create a configuration profile, complete the following steps:

1. Edit the sample configuration profile in the WCONFIG library to contain only those agents that are installed in this runtime environment.
2. Refer to the Configuring section of the *OMEGAMON shared documentation, Version 6.3.0 Fix Pack 2 and above* for more information on PARMGEN, and to the Scenarios and how-tos section for end-to-end instructions of various configuration scenarios.

Chapter 2. KI2 configuration parameters for OMEGAMON products

The configuration parameters for the OMEGAMON for IMS Classic (3270) are grouped logically in the configuration file.

An overview of the parameters that are found in the OMEGAMON for IMS Classic section of the PARMGEN configuration profile (either your *rte_name* or \$CFG\$IBM) follows. The parameters are grouped in the following list in the order that they might be used to configure the initial values for the various OMEGAMON for IMS Classic features. The prefix that is associated with OMEGAMON for IMS Classic is KI2. The KI2_* parameters control OMEGAMON for IMS Classic (3270) component configuration, and generate KI2 and KIP prefixed members where applicable.

- **OMEGAMON for IMS (3270) options**
 - [“KI2_CLASSIC_PASSPHRASE” on page 9](#)
 - [“KI2_CLASSIC_SAFAPPL” on page 11](#)
 - [“KI2_CLASSIC_SECCLASS” on page 11](#)
 - [“KI2_CLASSIC_STC_PREFIX” on page 12](#)
 - [“KI2_CLASSIC_UMAX” on page 12](#)
 - [“KI2_CLASSIC_VTAM_APPL_PREFIX” on page 12](#)
 - [“KI2_CLASSIC_VTAM_NODE_PREFIX” on page 13](#)
- **The number of OMEGAMON for IMS (3270) pairs to monitor**
 - [“KI2_CLASSIC_STC_NUM” on page 12](#)
- **The OMEGAMON for IMS (3270) pairs to monitor table entries**
 - [“KI2_I1” on page 13](#)
 - [“KI2_I1nn_CLASSIC_CTRL_UNIT_ADDR” on page 14](#)
 - [“KI2_I1nn_CLASSIC_GLOBAL” on page 15](#)
 - [“KI2_I1nn_CLASSIC_IMSID” on page 15](#)
 - [“KI2_I1nn_CLASSIC_IMS_RESLIB” on page 16](#)
 - [“KI2_I1nn_CLASSIC_LROWS” on page 17](#)
 - [“KI2_I1nn_CLASSIC_MPREFIX” on page 17](#)
 - [“KI2_I1nn_CLASSIC_STC” on page 18](#)
 - [“KI2_I1nn_CLASSIC_USER_PROFILE” on page 19](#)
 - [“KI2_I1nn_CLASSIC_VTAM_APPL_LOGON” on page 19](#)
 - [“KI2_I1nn_CLASSIC_VTAM_NODE” on page 20](#)
 - [“KI2_I1nn_CLASSIC_XMIT” on page 21](#)
 - [“KI2_I1nn_ROW” on page 21](#)
- **OMEGAMON for IMS 3270 connection options**
 - [“KI2_CLASSIC_DED_SESS” on page 8](#)
 - [“KI2_CLASSIC_VTAM_CONNECT” on page 13](#)
- **OMEGAMON for IMS 3270 data collection options**
 - [“KI2_CLASSIC_ATFI2” on page 6](#)
 - [“KI2_CLASSIC_ATF_ATFBUFF” on page 7](#)
 - [“KI2_CLASSIC_ATF_AUTORESTART” on page 7](#)

- [“KI2_CLASSIC_ATF_SANDBOX” on page 7](#)
- [“KI2_CLASSIC_DEXAN” on page 8](#)
- [“KI2_CLASSIC_EPILOG” on page 8](#)
- [“KI2_CLASSIC_RTA” on page 10](#)
- [“KI2_CLASSIC_RTA_SLOUGH” on page 10](#)
- [“KI2_CLASSIC_RTA_XCFGROUP” on page 10](#)
- **OMEGAMON for IMS 3270 log stream options**
 - [“KI2_LOGR_EHLQ” on page 28](#)
 - [“KI2_LOGR_LS_PREFIX” on page 29](#)
 - [“KI2_LOGR_LS_DATACLAS” on page 28](#)
 - [“KI2_LOGR_LS_STORCLAS” on page 29](#)
 - [“KI2_LOGR_STG_DATACLAS” on page 30](#)
 - [“KI2_LOGR_STG_STORCLAS” on page 30](#)
 - [“KI2_LOGR_ATF_DASDONLY” on page 22](#)
 - [“KI2_LOGR_ATF_STRUCTNAME” on page 27](#)
 - [“KI2_LOGR_ATF_LS_SIZE_SM” on page 24](#)
 - [“KI2_LOGR_ATF_LS_SIZE_DL” on page 22](#)
 - [“KI2_LOGR_ATF_LS_SIZE_SX” on page 24](#)
 - [“KI2_LOGR_ATF_LS_SIZE_DX” on page 23](#)
 - [“KI2_LOGR_ATF_STG_SIZE_SM” on page 26](#)
 - [“KI2_LOGR_ATF_STG_SIZE_DL” on page 25](#)
 - [“KI2_LOGR_ATF_STG_SIZE_SX” on page 27](#)
 - [“KI2_LOGR_ATF_STG_SIZE_DX” on page 25](#)

More information can be found about each of these parameters by consulting the alphabetic list of OMEGAMON for IMS Classic parameters in this section.

KI2_CLASSIC_ATFI2

Use the KI2_CLASSIC_ATFI2 parameter to automatically start the Application Trace Facility (ATF). A value of 'Y' removes the asterisk before the EXEC statement, which enables the ATF to start automatically.

Required or optional

Required

Location where the parameter value is stored

The KOImpP00 member of the *rhilev.midlev.rtename.xKANPARU* library, where x is R, W, or I.

Parameter name

*EXEC KI2ATFmp

Default value

N

Permissible values

Y or N

Related parameters

- [“KI2_CLASSIC_ATF_ATFBUFF” on page 7](#)
- [“KI2_CLASSIC_ATF_AUTORESTART” on page 7](#)
- [“KI2_CLASSIC_ATF_SANDBOX” on page 7](#)

KI2_CLASSIC_ATF_ATFBUFF

Use the KI2_CLASSIC_ATF_ATFBUFF parameter to specify the number of bytes (in MB) in 64-bit common storage, which the Application Trace Facility (ATF) uses to buffer the event records. The value that you use counts against MEMLIMIT for your OMEGAMON for IMS (3270) address space.

Valid parameter values are 1 - 4096. The default value is 512, where 4096 MB = 4 GB.

Required or optional

Required

Location where the parameter value is stored

The KI2ATFmp member of the *rhilev.midlev.rtename.xKANPARU* library, where x is R, W, or I.

Parameter name

ATFBUFF=&I2ATFBUC

Default value

512

Permissible values

1 - 4096

Related parameters

- [“KI2_CLASSIC_ATFI2”](#) on page 6
- [“KI2_CLASSIC_ATF_AUTORESTART”](#) on page 7
- [“KI2_CLASSIC_ATF_SANDBOX”](#) on page 7

KI2_CLASSIC_ATF_AUTORESTART

Use the KI2_CLASSIC_ATF_AUTORESTART parameter to activate or deactivate any previously active traces at startup if those traces are not yet expired.

Required or optional

Required

Location where the parameter value is stored

The KI2ATFmp member of the *rhilev.midlev.rtename.xKANPARU* library, where x is R, W, or I.

Parameter name

AUTORESTART=&I2ATFARS

Default value

YES

Permissible values

YES or NO

Related parameters

- [“KI2_CLASSIC_ATFI2”](#) on page 6
- [“KI2_CLASSIC_ATF_ATFBUFF”](#) on page 7
- [“KI2_CLASSIC_ATF_SANDBOX”](#) on page 7

KI2_CLASSIC_ATF_SANDBOX

Use the KI2_CLASSIC_ATF_SANDBOX parameter to specify how often Application Trace Facility (ATF) data is to be written to log streams.

The default setting, OFF, indicates that the trace records are to be written when the buffer is full. The ON setting indicates that trace records are to be written at the end of each transaction. A number, *n*, indicates that trace records are to be written every *n* seconds or when the buffer is full.

Required or optional

Required

Location where the parameter value is stored

The KI2ATFmp member of the *rhilev.midlev.rtename.xKANPARU* library, where x is R, W, or I.

Parameter name

SANDBOX=&I2ATFSBX

Default value

OFF

Permissible values

ON, OFF, or a value 1 - 999

Related parameters

- [“KI2_CLASSIC_ATFI2”](#) on page 6
- [“KI2_CLASSIC_ATF_ATFBUFF”](#) on page 7
- [“KI2_CLASSIC_ATF_AUTORESTART”](#) on page 7

KI2_CLASSIC_DED_SESS

Use the KI2_CLASSIC_DED_SESS parameter to automatically start the Realtime Monitor (RTM) dedicated session. A value of 'Y' removes the asterisk before the EXEC statement, which enables the session to start automatically.

Required or optional

Required

Location where the parameter value is stored

The KOImpP00 member of the *rhilev.midlev.rtename.xKANPARU* library, where x is R, W, or I.

Parameter name

*EXEC KOIDEDmp

Default value

N

Permissible values

Y or N

KI2_CLASSIC_DEXAN

Use the KI2_CLASSIC_DEXAN parameter to automatically start DEXAN collection. A value of 'Y' removes the asterisk before the EXEC statement, which enables DEXAN collection to start automatically. This parameter does not apply to DBCTL users.

Required or optional

Required

Location where the parameter value is stored

The KOImpP00 member of the *rhilev.midlev.rtename.xKANPARU* library, where x is R, W, or I.

Parameter name

*EXEC KOIDEXmp

Default value

N

Permissible values

Y or N

KI2_CLASSIC_EPILOG

Use the KI2_CLASSIC_DEXAN parameter to automatically start EPILOG collection. A value of 'Y' removes the asterisk before the EXEC statement, which enables EPILOG collection to start automatically. This parameter does not apply to DBCTL users.

Required or optional

Required

Location where the parameter value is storedThe KOImpP00 member of the *rhilev.midlev.rtename.xKANPARU* library, where x is R, W, or I.**Parameter name**

*EXEC KEICOLmp

Default value

N

Permissible values

Y or N

KI2_CLASSIC_PASSPHRASE

This parameter specifies the passphrase support setting for the OMEGAMON 3270 Classic interface.

Description

This parameter controls if passphrase support is enabled, and, if so, the layout of the password fields on the OMEGAMON 3270 Classic interface logon screen. Multiple configuration options are provided.

Note: It is recommended that you review the available configuration options, especially if you use programs to automate the logon process to the OMEGAMON 3270 Classic interface that rely on static placement of keywords and input fields.

When passphrase support is enabled, use parameter **KI2_CLASSIC_SECCLASS** to set the SAF security class that is used to permit or deny user access during logon to the OMEGAMON 3270 Classic interface, and use **KI2_CLASSIC_SAFAPPL** to set the SAF application ID. If passphrase support is not enabled, you can use a security exit where you can specify the SAF class name and SAF application ID.

Required or optional

Optional

Default value

NO

Valid values**PARTIAL**

Passphrase support is enabled with the **PASSWORD** and **NEW PASSWORD** fields each consisting of a single line. The minimum length of each of these fields is 34 bytes, and the maximum length (which can be up to 100 bytes) depends on the screen width. The fields are aligned in the center of the screen.

MAX62

Passphrase support is enabled with the **PASSWORD** and **NEW PASSWORD** fields each consisting of a single line. The minimum length of each of these fields is 62 bytes, and the maximum length (which can be up to 100 bytes) depends on the screen width. The fields are aligned at the left of the screen.

FULL

Passphrase support is enabled with the **PASSWORD** and **NEW PASSWORD** fields each consisting of two lines. The value in the second line is concatenated onto the end of the value in the first line. The length of the first line is 34 bytes and the length of the second line is 66 bytes, allowing the maximum passphrase value of 100 bytes to be entered. The fields are aligned in the center of the screen.

NO or NONE

Passphrase support is not enabled. The lengths of the **PASSWORD** and **NEW PASSWORD** fields are eight bytes each. If you have external security defined using a security exit, the fields are aligned in the center of the screen. If you do not have external security defined, none of the fields for credentials appear on the logon screen.

Related parameters

- [“KI2_CLASSIC_SAFAPPL” on page 11](#)
- [“KI2_CLASSIC_SECCLASS” on page 11](#)

KI2_CLASSIC_RTA

Use the KI2_CLASSIC_RTA parameter to automatically start Response Time Analysis (RTA) collection. A value of 'Y' removes the asterisk before the EXEC statement, which enables RTA collection to start automatically. This parameter does not apply to DBCTL users.

Required or optional

Required

Location where the parameter value is stored

The KOImpP00 member of the *rhilev.midlev.rtename.xKANPARU* library, where x is R, W, or I.

Parameter name

*EXEC KRIRTAmp

Default value

N

Permissible values

Y or N

Related parameters

- [“KI2_CLASSIC_RTA_SLOUGH” on page 10](#)
- [“KI2_CLASSIC_RTA_XCFGROUP” on page 10](#)

KI2_CLASSIC_RTA_SLOUGH

Use the KI2_CLASSIC_RTA_SLOUGH parameter to delete unreferenced or incomplete Response Time Analysis (RTA) events.

Required or optional

Required

Location where the parameter value is stored

The KRIRTAmp member of the *rhilev.midlev.rtename.xKANPARU* library, where x is R, W, or I.

Parameter name

START RTA SLOUGH=&I2RTASLG

Default value

YES

Permissible values

YES or NO

Related parameters

- [“KI2_CLASSIC_RTA” on page 10](#)
- [“KI2_CLASSIC_RTA_XCFGROUP” on page 10](#)

KI2_CLASSIC_RTA_XCFGROUP

Use the KI2_CLASSIC_RTA_XCFGROUP parameter to identify the XCF group name to be used by the Response Time Analysis (RTA) collection.

Required or optional

Required

Location where the parameter value is stored

The KRIRTAmp member of the *rhilev.midlev.rtename.xKANPARU* library, where x is R, W, or I.

Parameter name

START DATACOL XCFGROUP=&I2RTAXGP

Default value

KI2RTASQ

Permissible values**Related parameters**

- [“KI2_CLASSIC_RTA” on page 10](#)
- [“KI2_CLASSIC_RTA_SLOUGH” on page 10](#)

KI2_CLASSIC_SAFAPPL

This parameter specifies the name of the SAF application ID for OMEGAMON 3270 Classic interface security.

Description

When passphrase support is enabled, this parameter specifies the name of the SAF application ID (APPL=) for OMEGAMON 3270 Classic interface security. This value is used by the primary OMEGAMON logon program, KOBVTAM, when calling the SAF security system, such as in the following example:

```
RACROUTE . . ,APPL=
```

Important: When passphrase support is enabled, security exits are not used.

Required or optional

Optional

Default value

CANDLE

Related parameters

- [“KI2_CLASSIC_PASSPHRASE” on page 9](#)
- [“KI2_CLASSIC_SECCLASS” on page 11](#)

KI2_CLASSIC_SECCLASS

This parameter specifies the name of the SAF security class for OMEGAMON 3270 Classic interface security.

Description

When passphrase support is enabled, this parameter specifies the name of the SAF security class that is used to permit or deny user access during logon to the OMEGAMON 3270 Classic interface. This value is used by the primary OMEGAMON logon program, KOBVTAM.

Note: When passphrase support is enabled, security exits are not used.

Required or optional

Optional

Default value

OMCANDLE

Related parameters

- [“KI2_CLASSIC_PASSPHRASE” on page 9](#)
- [“KI2_CLASSIC_SAFAPPL” on page 11](#)

KI2_CLASSIC_STC_NUM

Use the KI2_CLASSIC_STC_NUM parameter to specify the number of Realtime Monitor (RTM) tasks. OMEGAMON Classic consists of one address space and an RTM address space for each IMS region. Each RTM task monitors a single IMS region. The field value is the number of IMS regions that you plan to monitor.

Required or optional

Required

Location where the parameter value is stored

Parameter name

&I2RTTCNT

Default value

1

Permissible values

1 - 99

KI2_CLASSIC_STC_PREFIX

Use the KI2_CLASSIC_STC_PREFIX parameter to specify the started task prefix that generates the started task procedure names for each of the Realtime Monitor (RTM) tasks.

Required or optional

Required

Location where the parameter value is stored

The parameter value is not stored, but it is used to generate started task procedure names.

Parameter name

I2RTPRDF

Default value

IBMOI

Permissible values

A character string no longer than six characters in length

KI2_CLASSIC_UMAX

Use the KI2_CLASSIC_UMAX parameter to specify the maximum number of concurrent sessions that the collector can support. Make sure that you have enough sessions to support all of the menu.

Required or optional

Required

Location where the parameter value is stored

The KOIVTMmp member of the *rhilev.midlev.rtename.xKANPARU* library, where x is R, W, or I.

Parameter name

UMAX=&I2UMAX

Default value

99

Permissible values

1 - 99

KI2_CLASSIC_VTAM_APPL_PREFIX

Use the **KI2_CLASSIC_VTAM_APPL_PREFIX** parameter to generate VTAM APPLIDs for the OMEGAMON for IMS (3270) virtual terminal, also known as the collector.

Required or optional

Required

Location where the parameter value is stored

The parameter value is not stored, but it is used to generate VTAM APPLIDs for OMEGAMON for IMS (3270) virtual terminals.

Parameter name

&X2RTAPDF

Default valueCTDOI_n**Permissible values****Related parameters**

- [“KI2_CLASSIC_VTAM_NODE_PREFIX” on page 13](#)

KI2_CLASSIC_VTAM_CONNECT

Use the KI2_CLASSIC_VTAM_CONNECT parameter to automatically start the Realtime Monitor (RTM) VTAM to IMS region connection. A value of 'N' adds an asterisk before the EXEC statement, which prevents the connection from starting automatically.

Required or optional

Required

Location where the parameter value is stored

The KOImpP00 member of the *rhilev.midlev.rtename.xKANPARU* library, where x is R, W, or I.

Parameter name

*EXEC KOIVTMmp

Default value

Y

Permissible values

Y or N

KI2_CLASSIC_VTAM_NODE_PREFIX

Use the KI2_CLASSIC_VTAM_NODE_PREFIX parameter to specify the VTAM major node that is used in the RTM PROC member to generate the VTAM node definition member.

Required or optional

Required

Location where the parameter value is stored

The parameter value is not stored, but it is used to generate the VTAM node definition member.

Parameter name

&X2RTMJDF

Default valueCTDOI_nN**Permissible values****Related parameters**

- [“KI2_CLASSIC_VTAM_APPL_PREFIX” on page 12](#)

KI2_I1

Use the KI2_I1 parameter to specify the beginning or end of the Realtime Monitor (RTM) task group information. If the variable value is BEGIN, the variables that follow construct rows in a table that

contains information for an RTM Task. If the variable value is END, it indicates the end of the RTM group information.

Required or optional

Optional

Location where the parameter value is stored

Parameter name

N/A

Default value

BEGIN

Permissible values

BEGIN or END

Related parameters

- [“KI2_I1nn_ROW” on page 21](#)
- [“KI2_I1nn_CLASSIC_CTRL_UNIT_ADDR” on page 14](#)
- [“KI2_I1nn_CLASSIC_GLOBAL” on page 15](#)
- [“KI2_I1nn_CLASSIC_IMSID” on page 15](#)
- [“KI2_I1nn_CLASSIC_IMS_RESLIB” on page 16](#)
- [“KI2_I1nn_CLASSIC_LROWS” on page 17](#)
- [“KI2_I1nn_CLASSIC_MPREFIX” on page 17](#)
- [“KI2_I1nn_CLASSIC_STC” on page 18](#)
- [“KI2_I1nn_CLASSIC_VTAM_APPL_LOGON” on page 19](#)
- [“KI2_I1nn_CLASSIC_VTAM_NODE” on page 20](#)
- [“KI2_I1nn_CLASSIC_USER_PROFILE” on page 19](#)
- [“KI2_I1nn_CLASSIC_XMIT” on page 21](#)

KI2_I1nn_CLASSIC_CTRL_UNIT_ADDR

Use the KI2_I1nn_CLASSIC_CTRL_UNIT_ADDR parameter to specify the control unit address to be used in KOIDEDmp.

Required or optional

Optional

Location where the parameter value is stored

The KOIDEDmp member of the *rhilev.midlev.rtename.xKANPARU* library, where x is R, W, or I.

Parameter name

START SESSION UNIT=&I2RTCUIA

Default value

XXXX

Permissible values

Character string no longer than eight characters in length

Related parameters

- [“KI2_I1” on page 13](#)
- [“KI2_I1nn_CLASSIC_GLOBAL” on page 15](#)
- [“KI2_I1nn_CLASSIC_IMSID” on page 15](#)
- [“KI2_I1nn_CLASSIC_IMS_RESLIB” on page 16](#)
- [“KI2_I1nn_CLASSIC_LROWS” on page 17](#)
- [“KI2_I1nn_CLASSIC_MPREFIX” on page 17](#)

- [“KI2_I1nn_CLASSIC_STC” on page 18](#)
- [“KI2_I1nn_CLASSIC_USER_PROFILE” on page 19](#)
- [“KI2_I1nn_CLASSIC_VTAM_APPL_LOGON” on page 19](#)
- [“KI2_I1nn_CLASSIC_VTAM_NODE” on page 20](#)
- [“KI2_I1nn_CLASSIC_XMIT” on page 21](#)
- [“KI2_I1nn_ROW” on page 21](#)

KI2_I1nn_CLASSIC_GLOBAL

Use the KI2_I1nn_CLASSIC_GLOBAL parameter to specify the suffix for the global parameters member to be used by features in the OMEGAMON for IMS Classic 3270 component.

The KIPGLBxx global parameters member contains global parameter and transaction group defaults that are used by the OMEGAMON for IMS Classic 3270 component. The suffix that you specify, xx, is used to create the KIPGLBxx member in the data set identified by the GBL_DSN_GLOBAL_SOURCE_LIB parameter. The suffix is also specified on the GLOBAL parameter in the startup procedure for the OMEGAMON for IMS Classic address space identified by KI2_I1nn_CLASSIC_STC.

If you specify a null string, the value that is assigned to KI2_I1nn_CLASSIC_MPREFIX is used. To use the default KIPGLB99 global member, specify 99.

Required or optional

Required

Location where the parameter value is stored

The &I2OIPROC member of the *rhilev.midlev.rtename.xKANSAMU* library where x is R, W, or I.

Parameter name

GLOBAL=&I2GBLSFX

Default value

Null string

Permissible values

Two-character string or null string

Related parameters

- [“KI2_I1” on page 13](#)
- [“KI2_I1nn_CLASSIC_CTRL_UNIT_ADDR” on page 14](#)
- [“KI2_I1nn_CLASSIC_IMSID” on page 15](#)
- [“KI2_I1nn_CLASSIC_IMS_RESLIB” on page 16](#)
- [“KI2_I1nn_CLASSIC_LROWS” on page 17](#)
- [“KI2_I1nn_CLASSIC_MPREFIX” on page 17](#)
- [“KI2_I1nn_CLASSIC_STC” on page 18](#)
- [“KI2_I1nn_CLASSIC_USER_PROFILE” on page 19](#)
- [“KI2_I1nn_CLASSIC_VTAM_APPL_LOGON” on page 19](#)
- [“KI2_I1nn_CLASSIC_VTAM_NODE” on page 20](#)
- [“KI2_I1nn_CLASSIC_XMIT” on page 21](#)
- [“KI2_I1nn_ROW” on page 21](#)

KI2_I1nn_CLASSIC_IMSID

Use the KI2_I1nn_CLASSIC_IMSID parameter to specify the IMSID in the Realtime Monitor (RTM) procedure, which identifies the associated IMS. This field is also used to qualify the names of those data sets that must be unique to each RTM.

Required or optional

Required

Location where the parameter value is storedThe KI2START member of the *rhilev.midlev.rtename.xKANCMDU* library where x is R, W, or I.**Parameter name**

IMSID(&I2RTIMSA)

Default valueIMnn where *nn* is constructed as follows:

Number of RTM tasks <= 16: nn = SA...SP

Number of RTM tasks > 16: nn = N0...N9 - V0...V2

Permissible values

Character string no longer than four characters in length

Related parameters

- [“KI2_I1” on page 13](#)
- [“KI2_I1nn_CLASSIC_CTRL_UNIT_ADDR” on page 14](#)
- [“KI2_I1nn_CLASSIC_GLOBAL” on page 15](#)
- [“KI2_I1nn_CLASSIC_IMS_RESLIB” on page 16](#)
- [“KI2_I1nn_CLASSIC_LROWS” on page 17](#)
- [“KI2_I1nn_CLASSIC_MPREFIX” on page 17](#)
- [“KI2_I1nn_CLASSIC_STC” on page 18](#)
- [“KI2_I1nn_CLASSIC_USER_PROFILE” on page 19](#)
- [“KI2_I1nn_CLASSIC_VTAM_APPL_LOGON” on page 19](#)
- [“KI2_I1nn_CLASSIC_VTAM_NODE” on page 20](#)
- [“KI2_I1nn_CLASSIC_XMIT” on page 21](#)
- [“KI2_I1nn_ROW” on page 21](#)

KI2_I1nn_CLASSIC_IMS_RESLIB

Use the KI2_I1nn_CLASSIC_IMS_RESLIB parameter to specify the IMS RESLIB data set.

Required or optional

Required

Location where the parameter value is storedThe &I2OIPROC member of the *rhilev.midlev.rtename.xKANSAMU* library where x is R, W, or I.**Parameter name**

DSN=&I2RTIMSR

Default value

%GBL_DSN_IMS_RESLIB%

Permissible values

Character string no longer than 44 characters in length

Related parameters

- [“KI2_I1” on page 13](#)
- [“KI2_I1nn_CLASSIC_CTRL_UNIT_ADDR” on page 14](#)
- [“KI2_I1nn_CLASSIC_GLOBAL” on page 15](#)
- [“KI2_I1nn_CLASSIC_IMSID” on page 15](#)
- [“KI2_I1nn_CLASSIC_LROWS” on page 17](#)
- [“KI2_I1nn_CLASSIC_MPREFIX” on page 17](#)

- [“KI2_I1nn_CLASSIC_STC” on page 18](#)
- [“KI2_I1nn_CLASSIC_XMIT” on page 21](#)
- [“KI2_I1nn_CLASSIC_USER_PROFILE” on page 19](#)
- [“KI2_I1nn_CLASSIC_VTAM_APPL_LOGON” on page 19](#)
- [“KI2_I1nn_CLASSIC_VTAM_NODE” on page 20](#)
- [“KI2_I1nn_ROW” on page 21](#)

KI2_I1nn_CLASSIC_LROWS

Use the KI2_I1nn_CLASSIC_LROWS parameter to specify the default number of LROWS for an OMEGAMON for IMS Classic (3270) session.

Required or optional

Required

Location where the parameter value is stored

The KOIDEDmp member of the rhilev.midlev.rtename.xKANPARU library and the KOIVTMmp member of the rhilev.midlev.rtename.xKANPARU library, where x is R, W, or I.

Parameter name

LROWS=&I2LROWS

Default value

9999

Permissible values

Numeric string, no longer than four digits

Related parameters

- [“KI2_I1” on page 13](#)
- [“KI2_I1nn_CLASSIC_CTRL_UNIT_ADDR” on page 14](#)
- [“KI2_I1nn_CLASSIC_GLOBAL” on page 15](#)
- [“KI2_I1nn_CLASSIC_IMSID” on page 15](#)
- [“KI2_I1nn_CLASSIC_IMS_RESLIB” on page 16](#)
- [“KI2_I1nn_CLASSIC_MPREFIX” on page 17](#)
- [“KI2_I1nn_CLASSIC_STC” on page 18](#)
- [“KI2_I1nn_CLASSIC_USER_PROFILE” on page 19](#)
- [“KI2_I1nn_CLASSIC_VTAM_APPL_LOGON” on page 19](#)
- [“KI2_I1nn_CLASSIC_VTAM_NODE” on page 20](#)
- [“KI2_I1nn_CLASSIC_XMIT” on page 21](#)
- [“KI2_I1nn_ROW” on page 21](#)

KI2_I1nn_CLASSIC_MPREFIX

Use the KI2_I1nn_CLASSIC_MPREFIX parameter to specify the MPREFIX value. The MPREFIX value is required as the suffix for all unique members that each Realtime Monitor (RTM) task needs, except for the KIPGLBxx global parameters member.

The MPREFIX value is required for the following members:

- The JCL member for the MPREFIX parameter value
- The RKANPARU, RKANSAMU and RKANCMDU members

Required or optional

Required

Location where the parameter value is stored

The KI2START member of the *rhilev.midlev.rtename.xKANCMDU* library where x is R, W, or I.

Parameter name

SESSIONNAME(IMS SYSTEM **&I2RTSUFF** - &I2RTIMSA)

Default value

Default values are generated as *xn* where *xn* is constructed as follows:

Number of RTM tasks <= 16: *xn* = M0...MF

Number of RTM tasks > 16: *xn* = N0...N9 - V0...V2

Permissible values

Two-character string

Related parameters

- [“KI2_I1” on page 13](#)
- [“KI2_I1nn_CLASSIC_CTRL_UNIT_ADDR” on page 14](#)
- [“KI2_I1nn_CLASSIC_GLOBAL” on page 15](#)
- [“KI2_I1nn_CLASSIC_IMSID” on page 15](#)
- [“KI2_I1nn_CLASSIC_IMS_RESLIB” on page 16](#)
- [“KI2_I1nn_CLASSIC_LROWS” on page 17](#)
- [“KI2_I1nn_CLASSIC_STC” on page 18](#)
- [“KI2_I1nn_CLASSIC_USER_PROFILE” on page 19](#)
- [“KI2_I1nn_CLASSIC_VTAM_APPL_LOGON” on page 19](#)
- [“KI2_I1nn_CLASSIC_VTAM_NODE” on page 20](#)
- [“KI2_I1nn_CLASSIC_XMIT” on page 21](#)
- [“KI2_I1nn_ROW” on page 21](#)

KI2_I1nn_CLASSIC_STC

Use the KI2_I1nn_CLASSIC_STC parameter to specify the started task procedure name for a Realtime Monitor (RTM).

Required or optional

Required

Location where the parameter value is stored

The &I2OIPROC member of the *rhilev.midlev.rtename.xKANSAMU* library where x is R, W, or I.

Parameter name

//&I2OIPROC PROC

Default value

%RTE_STC_PREFIX%OIO

Note: This value must be unique

Permissible values

Character string no longer than eight characters in length

Related parameters

- [“KI2_I1” on page 13](#)
- [“KI2_I1nn_CLASSIC_CTRL_UNIT_ADDR” on page 14](#)
- [“KI2_I1nn_CLASSIC_GLOBAL” on page 15](#)
- [“KI2_I1nn_CLASSIC_IMSID” on page 15](#)
- [“KI2_I1nn_CLASSIC_IMS_RESLIB” on page 16](#)
- [“KI2_I1nn_CLASSIC_LROWS” on page 17](#)

- [“KI2_I1nn_CLASSIC_MPREFIX” on page 17](#)
- [“KI2_I1nn_CLASSIC_USER_PROFILE” on page 19](#)
- [“KI2_I1nn_CLASSIC_VTAM_APPL_LOGON” on page 19](#)
- [“KI2_I1nn_CLASSIC_VTAM_NODE” on page 20](#)
- [“KI2_I1nn_CLASSIC_XMIT” on page 21](#)
- [“KI2_I1nn_ROW” on page 21](#)

KI2_I1nn_CLASSIC_USER_PROFILE

Use the KI2_I1nn_CLASSIC_USER_PROFILE parameter to specify the default user profile for a OMEGAMON for IMS Classic (3270) session.

Required or optional

Required

Location where the parameter value is stored

The KOIDEDmp member of the *rhilev.midlev.rtename.xKANPARU* library and the KOIVTMmp member of the *rhilev.midlev.rtename.xKANPARU* library, where x is R, W, or I.

Parameter name

USER=&I2USER

Default value

/C

Permissible values

Character string no longer than two characters in length

Related parameters

- [“KI2_I1” on page 13](#)
- [“KI2_I1nn_CLASSIC_CTRL_UNIT_ADDR” on page 14](#)
- [“KI2_I1nn_CLASSIC_GLOBAL” on page 15](#)
- [“KI2_I1nn_CLASSIC_IMSID” on page 15](#)
- [“KI2_I1nn_CLASSIC_IMS_RESLIB” on page 16](#)
- [“KI2_I1nn_CLASSIC_LROWS” on page 17](#)
- [“KI2_I1nn_CLASSIC_MPREFIX” on page 17](#)
- [“KI2_I1nn_CLASSIC_STC” on page 18](#)
- [“KI2_I1nn_CLASSIC_XMIT” on page 21](#)
- [“KI2_I1nn_CLASSIC_VTAM_APPL_LOGON” on page 19](#)
- [“KI2_I1nn_CLASSIC_VTAM_NODE” on page 20](#)
- [“KI2_I1nn_ROW” on page 21](#)

KI2_I1nn_CLASSIC_VTAM_APPL_LOGON

Use the KI2_I1nn_CLASSIC_VTAM_APPL_LOGON parameter to specify the VTAM APPLID required in the VTAM mode definition member.

Required or optional

Required

Location where the parameter value is stored

The KI2START member of the *rhilev.midlev.rtename.xKANCMDU* library and the KOIVTMmp member of the *rhilev.midlev.rtename.xKANPARU* library, where x is R, W, or I.

Parameter name

KI2START: APPLID(&X2RTAPPL)

KOIVTMmp: APPL=(&X2RTAPPL)

Default value

%RTE_VTAM_APPLID_PREFIX%OIO

Permissible values

Character string no longer than eight characters in length

Related parameters

- [“KI2_I1” on page 13](#)
- [“KI2_I1nn_CLASSIC_CTRL_UNIT_ADDR” on page 14](#)
- [“KI2_I1nn_CLASSIC_GLOBAL” on page 15](#)
- [“KI2_I1nn_CLASSIC_IMSID” on page 15](#)
- [“KI2_I1nn_CLASSIC_IMS_RESLIB” on page 16](#)
- [“KI2_I1nn_CLASSIC_LROWS” on page 17](#)
- [“KI2_I1nn_CLASSIC_MPREFIX” on page 17](#)
- [“KI2_I1nn_CLASSIC_STC” on page 18](#)
- [“KI2_I1nn_CLASSIC_USER_PROFILE” on page 19](#)
- [“KI2_I1nn_CLASSIC_VTAM_NODE” on page 20](#)
- [“KI2_I1nn_CLASSIC_XMIT” on page 21](#)
- [“KI2_I1nn_ROW” on page 21](#)

KI2_I1nn_CLASSIC_VTAM_NODE

Use the KI2_I1nn_CLASSIC_VTAM_NODE parameter to specify the VTAM major node that is required in the RTM PROC member and to name the VTAM node definition member.

Required or optional

Required

Location where the parameter value is stored

The &X2RTMJND member of the *rhilev.midlev.rtename.xKANSAMU* library and the &I2OIPROC member of the *rhilev.midlev.rtename.xKANSAMU* library, where x is R, W, or I.

Parameter name

&X2RTMJND: &X2RTMJND VBUILD TYPE=APPL

&I2OIPROC: VARY NET,ACT,ID=&X2RTMJND

Default value

%RTE_VTAM_APPLID_PREFIX%OION

Permissible values

Character string no longer than eight characters in length

Related parameters

- [“KI2_I1” on page 13](#)
- [“KI2_I1nn_CLASSIC_CTRL_UNIT_ADDR” on page 14](#)
- [“KI2_I1nn_CLASSIC_GLOBAL” on page 15](#)
- [“KI2_I1nn_CLASSIC_IMSID” on page 15](#)
- [“KI2_I1nn_CLASSIC_IMS_RESLIB” on page 16](#)
- [“KI2_I1nn_CLASSIC_LROWS” on page 17](#)
- [“KI2_I1nn_CLASSIC_MPREFIX” on page 17](#)
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- [“KI2_I1nn_CLASSIC_USER_PROFILE” on page 19](#)
- [“KI2_I1nn_CLASSIC_VTAM_APPL_LOGON” on page 19](#)
- [“KI2_I1nn_CLASSIC_XMIT” on page 21](#)

- [“KI2_I1nn_ROW” on page 21](#)

KI2_I1nn_CLASSIC_XMIT

Use the KI2_I1nn_ROW parameter to specify a unique numeric identifier for this entry in the table.

Required or optional

Required

Location where the parameter value is stored

Parameter name

&I2T1OCID

Default value

00

Permissible values

00 - 98

Related parameters

- [“KI2_I1” on page 13](#)
- [“KI2_I1nn_CLASSIC_CTRL_UNIT_ADDR” on page 14](#)
- [“KI2_I1nn_CLASSIC_GLOBAL” on page 15](#)
- [“KI2_I1nn_CLASSIC_IMSID” on page 15](#)
- [“KI2_I1nn_CLASSIC_IMS_RESLIB” on page 16](#)
- [“KI2_I1nn_CLASSIC_LROWS” on page 17](#)
- [“KI2_I1nn_CLASSIC_MPREFIX” on page 17](#)
- [“KI2_I1nn_CLASSIC_STC” on page 18](#)
- [“KI2_I1nn_CLASSIC_USER_PROFILE” on page 19](#)
- [“KI2_I1nn_CLASSIC_VTAM_APPL_LOGON” on page 19](#)
- [“KI2_I1nn_CLASSIC_VTAM_NODE” on page 20](#)
- [“KI2_I1nn_ROW” on page 21](#)

KI2_I1nn_ROW

Use the KI2_I1nn_ROW parameter to specify the beginning or end of a single Realtime Monitor (RTM) task entry. If the variable value is BEGIN, the variables up to the next BEGIN or to the next END contain all the information necessary to construct a single RTM task entry.

Required or optional

Optional

Location where the parameter value is stored

Parameter name

N/A

Default value

BEGIN

Permissible values

BEGIN or END

Related parameters

- [“KI2_I1” on page 13](#)
- [“KI2_I1nn_CLASSIC_CTRL_UNIT_ADDR” on page 14](#)
- [“KI2_I1nn_CLASSIC_GLOBAL” on page 15](#)
- [“KI2_I1nn_CLASSIC_IMSID” on page 15](#)

- [“KI2_I1nn_CLASSIC_IMS_RESLIB” on page 16](#)
- [“KI2_I1nn_CLASSIC_LROWS” on page 17](#)
- [“KI2_I1nn_CLASSIC_MPREFIX” on page 17](#)
- [“KI2_I1nn_CLASSIC_STC” on page 18](#)
- [“KI2_I1nn_CLASSIC_USER_PROFILE” on page 19](#)
- [“KI2_I1nn_CLASSIC_VTAM_APPL_LOGON” on page 19](#)
- [“KI2_I1nn_CLASSIC_VTAM_NODE” on page 20](#)
- [“KI2_I1nn_CLASSIC_XMIT” on page 21](#)

KI2_LOGR_ATF_DASDONLY

Use the KI2_LOGR_ATF_DASDONLY parameter to specify whether the Application Trace Facility uses DASD-only log streams.

Required or optional

Required

Location where the parameter value is stored

The KI2ATLmp, KI2ATLGR, and KI2ATLCFR members of the *rhilev.midlev.rtename.xKANSAMU* library, where x is R, W or I.

Parameter name

N/A

Default value

YES

Permissible values

YES or NO

- The YES value specifies that the Application Trace Facility uses DASD-only log streams to store application history data.
- The NO value specifies that the Application Trace Facility uses Coupling Facility list structure-based log streams to store application history data.

Related parameters

- [“KI2_LOGR_ATF_STRUCTNAME” on page 27](#)
- [“KI2_LOGR_ATF_LS_SIZE_SM” on page 24](#)
- [“KI2_LOGR_ATF_LS_SIZE_DL” on page 22](#)
- [“KI2_LOGR_ATF_LS_SIZE_SX” on page 24](#)
- [“KI2_LOGR_ATF_LS_SIZE_DX” on page 23](#)
- [“KI2_LOGR_ATF_STG_SIZE_SM” on page 26](#)
- [“KI2_LOGR_ATF_STG_SIZE_DL” on page 25](#)
- [“KI2_LOGR_ATF_STG_SIZE_SX” on page 27](#)
- [“KI2_LOGR_ATF_STG_SIZE_DX” on page 25](#)

KI2_LOGR_ATF_LS_SIZE_DL

Use the KI2_LOGR_ATF_LS_SIZE_DL parameter to specify the size (in 4 KB blocks) for the offload data sets that are used to store application history detail data.

The offload data sets (or *log stream data sets*) are VSAM linear data sets. If you use the Application Trace Facility, you must specify this parameter; otherwise, it is optional.

Required or optional

Optional

Location where the parameter value is stored

The KI2ATLmp and KI2ATLGR members of the *rhilev.midlev.rtename.xKANSAMU* library, where x is R, W or I.

Parameter name

N/A

Default value

50000

Permissible values

1000 - 999999

Related parameters

- [“KI2_LOGR_ATF_DASDONLY”](#) on page 22
- [“KI2_LOGR_ATF_STRUCTNAME”](#) on page 27
- [“KI2_LOGR_ATF_LS_SIZE_SM”](#) on page 24
- [“KI2_LOGR_ATF_LS_SIZE_SX”](#) on page 24
- [“KI2_LOGR_ATF_LS_SIZE_DX”](#) on page 23
- [“KI2_LOGR_ATF_STG_SIZE_SM”](#) on page 26
- [“KI2_LOGR_ATF_STG_SIZE_DL”](#) on page 25
- [“KI2_LOGR_ATF_STG_SIZE_SX”](#) on page 27
- [“KI2_LOGR_ATF_STG_SIZE_DX”](#) on page 25

KI2_LOGR_ATF_LS_SIZE_DX

Use the KI2_LOGR_ATF_LS_SIZE_DX parameter to specify the size (in 4 KB blocks) for the offload data sets that are used to store application history exception detail data.

The offload data sets (or *log stream data sets*) are VSAM linear data sets. If you use the Application Trace Facility, you must specify this parameter; otherwise, it is optional.

Required or optional

Optional

This parameter is deprecated. It can be specified in PARMGEN, but will not take effect.

Location where the parameter value is stored

The KI2ATLmp and KI2ATLGR members of the *rhilev.midlev.rtename.xKANSAMU* library, where x is R, W or I.

Parameter name

N/A

Default value

10000

Permissible values

1000 - 999999

Related parameters

- [“KI2_LOGR_ATF_DASDONLY”](#) on page 22
- [“KI2_LOGR_ATF_STRUCTNAME”](#) on page 27
- [“KI2_LOGR_ATF_LS_SIZE_SM”](#) on page 24
- [“KI2_LOGR_ATF_LS_SIZE_DL”](#) on page 22
- [“KI2_LOGR_ATF_LS_SIZE_SX”](#) on page 24
- [“KI2_LOGR_ATF_STG_SIZE_SM”](#) on page 26
- [“KI2_LOGR_ATF_STG_SIZE_DL”](#) on page 25
- [“KI2_LOGR_ATF_STG_SIZE_SX”](#) on page 27

- [“KI2_LOGR_ATF_STG_SIZE_DX” on page 25](#)

KI2_LOGR_ATF_LS_SIZE_SM

Use the KI2_LOGR_ATF_LS_SIZE_SM parameter to specify the size (in 4 KB blocks) for the offload data sets that are used to store application history summary data.

The offload data sets (or *log stream data sets*) are VSAM linear data sets. If you use the Application Trace Facility, you must specify this parameter; otherwise, it is optional.

Required or optional

Optional

Location where the parameter value is stored

The KI2ATLmp and KI2ATLGR members of the *rhilev.midlev.rtename.xKANSAMU* library, where x is R, W or I.

Parameter name

N/A

Default value

1000

Permissible values

1000 - 999999

Related parameters

- [“KI2_LOGR_ATF_DASDONLY” on page 22](#)
- [“KI2_LOGR_ATF_STRUCTNAME” on page 27](#)
- [“KI2_LOGR_ATF_LS_SIZE_DL” on page 22](#)
- [“KI2_LOGR_ATF_LS_SIZE_SX” on page 24](#)
- [“KI2_LOGR_ATF_LS_SIZE_DX” on page 23](#)
- [“KI2_LOGR_ATF_STG_SIZE_SM” on page 26](#)
- [“KI2_LOGR_ATF_STG_SIZE_DL” on page 25](#)
- [“KI2_LOGR_ATF_STG_SIZE_SX” on page 27](#)
- [“KI2_LOGR_ATF_STG_SIZE_DX” on page 25](#)

KI2_LOGR_ATF_LS_SIZE_SX

Use the KI2_LOGR_ATF_LS_SIZE_SX parameter to specify the size (in 4 KB blocks) for the offload data sets that are used to store application history exception summary data.

The offload data sets (or *log stream data sets*) are VSAM linear data sets. If you use the Application Trace Facility, you must specify this parameter; otherwise, it is optional.

Required or optional

Optional

Location where the parameter value is stored

The KI2ATLmp and KI2ATLGR members of the *rhilev.midlev.rtename.xKANSAMU* library, where x is R, W or I.

Parameter name

N/A

Default value

200

Permissible values

200 - 999999

Related parameters

- [“KI2_LOGR_ATF_DASDONLY”](#) on page 22
- [“KI2_LOGR_ATF_STRUCTNAME”](#) on page 27
- [“KI2_LOGR_ATF_LS_SIZE_SM”](#) on page 24
- [“KI2_LOGR_ATF_LS_SIZE_DL”](#) on page 22
- [“KI2_LOGR_ATF_LS_SIZE_DX”](#) on page 23
- [“KI2_LOGR_ATF_STG_SIZE_SM”](#) on page 26
- [“KI2_LOGR_ATF_STG_SIZE_DL”](#) on page 25
- [“KI2_LOGR_ATF_STG_SIZE_SX”](#) on page 27
- [“KI2_LOGR_ATF_STG_SIZE_DX”](#) on page 25

KI2_LOGR_ATF_STG_SIZE_DL

Use the KI2_LOGR_ATF_STG_SIZE_DL parameter to specify the size (in 4 KB blocks) for the staging data set that is used for application history detail data.

Staging data sets are VSAM linear data sets. If you use the Application Trace Facility, specify this parameter; otherwise, it is optional.

Required or optional

Optional

Location where the parameter value is stored

The KI2ATLmp and KI2ATLGR members of the *rhilev.midlev.rtename.xKANSAMU* library, where x is R, W or I.

Parameter name

N/A

Default value

5000

Permissible values

1000 - 999999

Related parameters

- [“KI2_LOGR_ATF_DASDONLY”](#) on page 22
- [“KI2_LOGR_ATF_STRUCTNAME”](#) on page 27
- [“KI2_LOGR_ATF_LS_SIZE_SM”](#) on page 24
- [“KI2_LOGR_ATF_LS_SIZE_DL”](#) on page 22
- [“KI2_LOGR_ATF_LS_SIZE_SX”](#) on page 24
- [“KI2_LOGR_ATF_LS_SIZE_DX”](#) on page 23
- [“KI2_LOGR_ATF_STG_SIZE_SM”](#) on page 26
- [“KI2_LOGR_ATF_STG_SIZE_SX”](#) on page 27
- [“KI2_LOGR_ATF_STG_SIZE_DX”](#) on page 25

KI2_LOGR_ATF_STG_SIZE_DX

Use the KI2_LOGR_ATF_STG_SIZE_DX parameter to specify the size (in 4 KB blocks) for the staging data set that is used for application history exception detail data.

Staging data sets are VSAM linear data sets. If you use the Application Trace Facility, specify this parameter; otherwise, it is optional.

Required or optional

Optional

This parameter is deprecated. It can be specified in PARMGEN, but will not take effect.

Location where the parameter value is stored

The KI2ATL*mp* and KI2ATLGR members of the *rhilev.midlev.rtename.xKANSAMU* library, where x is R, W or I.

Parameter name

N/A

Default value

1000

Permissible values

100 - 999999

Related parameters

- [“KI2_LOGR_ATF_DASDONLY”](#) on page 22
- [“KI2_LOGR_ATF_STRUCTNAME”](#) on page 27
- [“KI2_LOGR_ATF_LS_SIZE_SM”](#) on page 24
- [“KI2_LOGR_ATF_LS_SIZE_DL”](#) on page 22
- [“KI2_LOGR_ATF_LS_SIZE_SX”](#) on page 24
- [“KI2_LOGR_ATF_LS_SIZE_DX”](#) on page 23
- [“KI2_LOGR_ATF_STG_SIZE_SM”](#) on page 26
- [“KI2_LOGR_ATF_STG_SIZE_DL”](#) on page 25
- [“KI2_LOGR_ATF_STG_SIZE_SX”](#) on page 27

KI2_LOGR_ATF_STG_SIZE_SM

Use the KI2_LOGR_ATF_STG_SIZE_SM parameter to specify the size (in 4 KB blocks) for the staging data set that is used for application history summary data.

Staging data sets are VSAM linear data sets. If you use the Application Trace Facility, specify this parameter; otherwise, it is optional.

Required or optional

Optional

Location where the parameter value is stored

The KI2ATL*mp* and KI2ATLGR members of the *rhilev.midlev.rtename.xKANSAMU* library, where x is R, W or I.

Parameter name

N/A

Default value

100

Permissible values

50 - 999999

Related parameters

- [“KI2_LOGR_ATF_DASDONLY”](#) on page 22
- [“KI2_LOGR_ATF_STRUCTNAME”](#) on page 27
- [“KI2_LOGR_ATF_LS_SIZE_SM”](#) on page 24
- [“KI2_LOGR_ATF_LS_SIZE_DL”](#) on page 22
- [“KI2_LOGR_ATF_LS_SIZE_SX”](#) on page 24
- [“KI2_LOGR_ATF_LS_SIZE_DX”](#) on page 23
- [“KI2_LOGR_ATF_STG_SIZE_DL”](#) on page 25
- [“KI2_LOGR_ATF_STG_SIZE_SX”](#) on page 27

- [“KI2_LOGR_ATF_STG_SIZE_DX” on page 25](#)

KI2_LOGR_ATF_STG_SIZE_SX

Use the KI2_LOGR_ATF_STG_SIZE_SX parameter to specify the size (in 4 KB blocks) for the staging data set that is used for application history exception summary data.

Staging data sets are VSAM linear data sets. If you use the Application Trace Facility, specify this parameter; otherwise, it is optional.

Required or optional

Optional

Location where the parameter value is stored

The KI2ATLmp and KI2ATLGR members of the *rhilev.midlev.rtename.xKANSAMU* library, where x is R, W or I.

Parameter name

N/A

Default value

100

Permissible values

50 - 999999

Related parameters

- [“KI2_LOGR_ATF_DASDONLY” on page 22](#)
- [“KI2_LOGR_ATF_STRUCTNAME” on page 27](#)
- [“KI2_LOGR_ATF_LS_SIZE_SM” on page 24](#)
- [“KI2_LOGR_ATF_LS_SIZE_DL” on page 22](#)
- [“KI2_LOGR_ATF_LS_SIZE_SX” on page 24](#)
- [“KI2_LOGR_ATF_LS_SIZE_DX” on page 23](#)
- [“KI2_LOGR_ATF_STG_SIZE_SM” on page 26](#)
- [“KI2_LOGR_ATF_STG_SIZE_DL” on page 25](#)
- [“KI2_LOGR_ATF_STG_SIZE_DX” on page 25](#)

KI2_LOGR_ATF_STRUCTNAME

Use the KI2_LOGR_ATF_STRUCTNAME parameter to specify the structure name for the Coupling Facility (CF) structure-based log streams that are used by the Application Trace Facility.

KI2_LOGR_ATF_STRUCTNAME is not required unless you use CF structure-based log streams for application history data. If KI2_LOGR_ATF_DASDONLY is NO, then you must specify KI2_LOGR_ATF_STRUCTNAME.

Required or optional

Optional

Location where the parameter value is stored

The KI2ATLmp, KI2ATLGR, and KI2ATLCFR members of the *rhilev.midlev.rtename.xKANSAMU* library, where x is R, W or I.

Parameter name

N/A

Default value

I2ATFSTR

Permissible values

Character string no longer than 16 characters in length that specifies a valid CF structure name.

Related parameters

- [“KI2_LOGR_ATF_DASDONLY”](#) on page 22
- [“KI2_LOGR_ATF_LS_SIZE_SM”](#) on page 24
- [“KI2_LOGR_ATF_LS_SIZE_DL”](#) on page 22
- [“KI2_LOGR_ATF_LS_SIZE_SX”](#) on page 24
- [“KI2_LOGR_ATF_LS_SIZE_DX”](#) on page 23
- [“KI2_LOGR_ATF_STG_SIZE_SM”](#) on page 26
- [“KI2_LOGR_ATF_STG_SIZE_DL”](#) on page 25
- [“KI2_LOGR_ATF_STG_SIZE_SX”](#) on page 27
- [“KI2_LOGR_ATF_STG_SIZE_DX”](#) on page 25

KI2_LOGR_EHLQ

Use the KI2_LOGR_EHLQ parameter to specify the extended high-level qualifier that the z/OS System Logger uses for staging and offload data sets.

KI2_LOGR_EHLQ is initially set to the value assigned to RTE_HILEV. However, the length must not exceed 16 characters.

Required or optional

Required

Location where the parameter value is stored

The KI2ATLmp and KI2ATLGR members of the *rhilev.midlev.rtename.xKANSAMU* library, where x is R, W or I.

Parameter name

N/A

Default value

%RTE_VSAM_HILEV%

Permissible values

Character string no longer than 16 characters in length, consisting of valid data set name qualifiers.

Related parameters

- [“KI2_LOGR_LS_PREFIX”](#) on page 29
- [“KI2_LOGR_LS_DATACLAS”](#) on page 28
- [“KI2_LOGR_LS_STORCLAS”](#) on page 29
- [“KI2_LOGR_STG_DATACLAS”](#) on page 30
- [“KI2_LOGR_STG_STORCLAS”](#) on page 30

KI2_LOGR_LS_DATACLAS

Use the KI2_LOGR_LS_DATACLAS parameter to specify the SMS data class that the z/OS System Logger uses for the offload data sets.

The offload data sets (or *log stream data sets*) are VSAM linear data sets.

Required or optional

Required

Location where the parameter value is stored

The KI2ATLmp and KI2ATLGR members of the *rhilev.midlev.rtename.xKANSAMU* library, where x is R, W or I.

Parameter name

N/A

Default value

None

Permissible values

Null string or valid SMS data class

Related parameters

- [“KI2_LOGR_EHLQ” on page 28](#)
- [“KI2_LOGR_LS_PREFIX” on page 29](#)
- [“KI2_LOGR_LS_STORCLAS” on page 29](#)
- [“KI2_LOGR_STG_DATACLAS” on page 30](#)
- [“KI2_LOGR_STG_STORCLAS” on page 30](#)

KI2_LOGR_LS_PREFIX

Use the KI2_LOGR_LS_PREFIX parameter to specify a unique prefix for log stream names. The default is the value assigned to RTE_NAME.

Required or optional

Optional

Location where the parameter value is stored

The KI2ATLmp and KI2ATLGR members of the *rhilev.midlev.rtename.xKANSAMU* library, where x is R, W or I.

Parameter name

N/A

Default value

RTE_NAME

Permissible values

Character string no longer than 8 characters in length.

Related parameters

- [“KI2_LOGR_EHLQ” on page 28](#)
- [“KI2_LOGR_LS_DATACLAS” on page 28](#)
- [“KI2_LOGR_LS_STORCLAS” on page 29](#)
- [“KI2_LOGR_STG_DATACLAS” on page 30](#)
- [“KI2_LOGR_STG_STORCLAS” on page 30](#)

KI2_LOGR_LS_STORCLAS

Use the KI2_LOGR_LS_STORCLAS parameter to specify the SMS storage class that the z/OS System Logger uses for the offload data sets.

The offload data sets (or *log stream data sets*) are VSAM linear data sets.

Required or optional

Required

Location where the parameter value is stored

The KI2ATLmp and KI2ATLGR members of the *rhilev.midlev.rtename.xKANSAMU* library, where x is R, W or I.

Parameter name

N/A

Default value

None

Permissible values

Null string or valid SMS storage class

Related parameters

- [“KI2_LOGR_EHLQ” on page 28](#)
- [“KI2_LOGR_LS_PREFIX” on page 29](#)
- [“KI2_LOGR_LS_DATACLAS” on page 28](#)
- [“KI2_LOGR_STG_DATACLAS” on page 30](#)
- [“KI2_LOGR_STG_STORCLAS” on page 30](#)

KI2_LOGR_STG_DATACLAS

Use the KI2_LOGR_STG_DATACLAS parameter to specify the SMS data class that the z/OS System Logger uses for the staging data sets.

The staging data sets are VSAM linear data sets.

Required or optional

Required

Location where the parameter value is stored

The KI2ATLmp and KI2ATLGR members of the *rhilev.midlev.rtename.xKANSAMU* library, where x is R, W or I.

Parameter name

N/A

Default value

None

Permissible values

Null string or valid SMS data class

Related parameters

- [“KI2_LOGR_EHLQ” on page 28](#)
- [“KI2_LOGR_LS_PREFIX” on page 29](#)
- [“KI2_LOGR_LS_DATACLAS” on page 28](#)
- [“KI2_LOGR_LS_STORCLAS” on page 29](#)
- [“KI2_LOGR_STG_STORCLAS” on page 30](#)

KI2_LOGR_STG_STORCLAS

Use the KI2_LOGR_STG_STORCLAS parameter to specify the SMS storage class that the z/OS System Logger uses for the staging data sets.

The staging data sets are VSAM linear data sets.

Required or optional

Required

Location where the parameter value is stored

The KI2ATLmp and KI2ATLGR members of the *rhilev.midlev.rtename.xKANSAMU* library, where x is R, W or I.

Parameter name

N/A

Default value

None

Permissible values

Null string or valid SMS storage class

Related parameters

- [“KI2_LOGR_EHLQ” on page 28](#)
- [“KI2_LOGR_LS_PREFIX” on page 29](#)
- [“KI2_LOGR_LS_DATACLAS” on page 28](#)
- [“KI2_LOGR_LS_STORCLAS” on page 29](#)
- [“KI2_LOGR_STG_DATACLAS” on page 30](#)

Chapter 3. KI5 configuration parameters for OMEGAMON products

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

This section provides an overview of the parameters that are found in the OMEGAMON for IMS on z/OS section of the PARMGEN configuration profile. The prefix that is associated with OMEGAMON for IMS on z/OS is KI5.

- **IMS and IRLM subsystem information table**

- [“KI5_II” on page 39](#)
- [“KI5_IInn_ROW” on page 39](#)
- [“KI5_IInn_SSID” on page 39](#)
- [“KI5_IInn_SS_DBCMSK” on page 40](#)
- [“KI5_IInn_SS_TYP” on page 40](#)

- **IMS Connect settings**

- [“KI5_COMP” on page 34](#)
- [“KI5_COMPnn_ICON_NAME” on page 34](#)
- [“KI5_COMPnn_ROW” on page 34](#)
- [“KI5_COMPnn_TYPE” on page 35](#)
- [“KI5_ICT_AUTODISCOVER” on page 35](#)
- [“KI5_ICT_BUFFER_SIZE” on page 36](#)
- [“KI5_ICT_BUFFER_THRESH” on page 36](#)
- [“KI5_ICT_COLLECT_INTERVAL” on page 37](#)
- [“KI5_ICT_COLLECT_LEVEL” on page 37](#)
- [“KI5_ICT_MESSAGE_LEVEL” on page 38](#)
- [“KI5_X_ICT_IMS_CONNECT_FLAG” on page 38](#)

- **More OMEGAMON for IMS agent settings**

- [“KI5_X_AGT_CONFIRM_SHUTDOWN” on page 42](#)
- [“KI5_X_AGT_DEBUG_TRACE” on page 43](#)
- [“KI5_X_AGT_KDC_DEBUG” on page 43](#)
- [“KI5_X_AGT_LGSA_VERIFY” on page 44](#)
- [“KI5_X_AGT_LSRPOOL_BUFFER_NUM” on page 45](#)
- [“KI5_X_AGT_LSRPOOL_BUFSIZE” on page 45](#)
- [“KI5_X_AGT_SDUMP_SVC_SYS1_DUMP” on page 46](#)
- [“KI5_X_AGT_STORAGE_LIMIT_EXTEND” on page 47](#)
- [“KI5_X_AGT_STORAGE_LIMIT_PRIMARY” on page 47](#)
- [“KI5_X_AGT_STORAGE_RESERVE_EXT” on page 48](#)
- [“KI5_X_AGT_STORAGE_RESERVE_PRI” on page 48](#)
- [“KI5_X_AGT_STORAGE_STGDEBUG” on page 49](#)
- [“KI5_X_AGT_TASKS_ATTACHED_NUM” on page 50](#)

- **Others**

- [“KI5_TN3270_DXL_USERDATA” on page 41](#)

- [“KI5_TN3270_DXL_USERGROUP”](#) on page 41
- [“KI5_TN3270_DXL_USSCHECK”](#) on page 41

More information can be found about each of these parameters by consulting the alphabetic list of OMEGAMON for IMS on z/OS parameters in this section.

KI5_COMP

Use the KI5_COMP parameter to configure an OTMA connection. If the variable value is BEGIN, the variables up to either the next BEGIN or the next END contain all the information necessary to construct information for each subsystem. The END value indicates the end of the subsystem information.

Required or optional

Optional

Location where the parameter value is stored

Parameter name

Default value

BEGIN

Permissible values

BEGIN or END

Related parameters

- [“KI5_COMPnn_ICON_NAME”](#) on page 34
- [“KI5_COMPnn_ROW”](#) on page 34
- [“KI5_COMPnn_TYPE”](#) on page 35

KI5_COMPnn_ICON_NAME

Use the KI5_COMPnn_ICON_NAME parameter to specify the user-defined name of the IMS Connect address space, that is, the job to be monitored.

Required or optional

Optional

Location where the parameter value is stored

The KIPICTP member of the *rhilev.midlev.rtename.xKANPARU* library where *x* is R, W, or I.

Parameter name

ICT_INCLUDE=(&KIPCONAM)

Default value

*

Permissible values

Character string no longer than eight characters in length

Related parameters

- [“KI5_COMP”](#) on page 34
- [“KI5_COMPnn_ROW”](#) on page 34
- [“KI5_COMPnn_TYPE”](#) on page 35

KI5_COMPnn_ROW

Use the KI5_COMPnn_ROW parameter to specify the beginning or end of a single group for the monitoring product. If the variable value is BEGIN, the variables up to the next BEGIN or the next END contain all the information necessary to construct the group information for a single group.

Required or optional

Required

Location where the parameter value is stored

Parameter name**Default value**

BEGIN

Permissible values

BEGIN or END

Related parameters

- [“KI5_COMP”](#) on page 34
- [“KI5_COMPnn_ICON_NAME”](#) on page 34
- [“KI5_COMPnn_TYPE”](#) on page 35

KI5_COMPnn_TYPE

The KI5_COMPnn_TYPE parameter is a type of table entry.

Required or optional

Optional

Location where the parameter value is stored**Parameter name**

KIPOTTYP

Default value

ICON

Permissible values

* or ICON

Related parameters

- [“KI5_COMP”](#) on page 34
- [“KI5_COMPnn_ICON_NAME”](#) on page 34
- [“KI5_COMPnn_ROW”](#) on page 34

KI5_ICT_AUTODISCOVER

Use the KI5_ICT_AUTODISCOVER parameter to enable the auto-discovery of IMS Connect address spaces for which names are specified and extensions are enabled. If you do not enable auto-discovery, you must use Take Action commands from the Tivoli Enterprise Portal to connect to an IMS Connect address space.

Required or optional

Required

Location where the parameter value is stored

The KIPICTP member of the *rhilev.midlev.rtename.xKANPARU* library where *x* is R, W, or I.

Parameter name

ICT_AUTODISCOVER = &KI5ICTAD

Default value

YES

Permissible values

YES or NO

Related parameters

- [“KI5_ICT_BUFFER_SIZE”](#) on page 36
- [“KI5_ICT_BUFFER_THRESH”](#) on page 36
- [“KI5_ICT_COLLECT_INTERVAL”](#) on page 37

- [“KI5_ICT_COLLECT_LEVEL” on page 37](#)
- [“KI5_ICT_MESSAGE_LEVEL” on page 38](#)
- [“KI5_X_ICT_IMS_CONNECT_FLAG” on page 38](#)

KI5_ICT_BUFFER_SIZE

Use the KI5_ICT_BUFFER_SIZE parameter to specify the buffer size in which to collect IMS Connect data. In addition to the Buffer Threshold parameter, these values determine the frequency of buffer writes from IMS Connect to the collector.

Required or optional

Required

Location where the parameter value is stored

The KIPICTP member of the *rhilev.midlev.rtename.xKANPARU* library where x is R, W, or I.

Parameter name

ICT_BUFFER_SIZE = &KI5ICTBS

Default value

12

Permissible values

8 - 8192

Related parameters

- [“KI5_ICT_AUTODISCOVER” on page 35](#)
- [“KI5_ICT_BUFFER_THRESH” on page 36](#)
- [“KI5_ICT_COLLECT_INTERVAL” on page 37](#)
- [“KI5_ICT_COLLECT_LEVEL” on page 37](#)
- [“KI5_ICT_MESSAGE_LEVEL” on page 38](#)
- [“KI5_X_ICT_IMS_CONNECT_FLAG” on page 38](#)

KI5_ICT_BUFFER_THRESH

Use the KI5_ICT_BUFFER_THRESH parameter to specify a fill percentage for the buffer at which the IMS Connect is to write data to the collector. In addition to the Buffer Size parameter, these values determine the frequency of buffer writes from the IMS Connect to the collector.

Required or optional

Required

Location where the parameter value is stored

The KIPICTP member of the *rhilev.midlev.rtename.xKANPARU* library where x is R, W, or I.

Parameter name

ICT_BUFFER_THRESH = &KI5ICTBT

Default value

85

Permissible values

25 - 95

Related parameters

- [“KI5_ICT_AUTODISCOVER” on page 35](#)
- [“KI5_ICT_BUFFER_SIZE” on page 36](#)
- [“KI5_ICT_COLLECT_INTERVAL” on page 37](#)
- [“KI5_ICT_COLLECT_LEVEL” on page 37](#)
- [“KI5_ICT_MESSAGE_LEVEL” on page 38](#)

- [“KI5_X_ICT_IMS_CONNECT_FLAG” on page 38](#)

KI5_ICT_COLLECT_INTERVAL

Use the KI5_ICT_COLLECT_INTERVAL parameter to specify the collection time, in minutes, for IMS Connect statistics.

Required or optional

Required

Location where the parameter value is stored

The KIPICTP member of the *rhilev.midlev.rtename.xKANPARU* library where x is R, W, or I.

Parameter name

ICT_COLLECT_INTERVAL = &KI5ICTCI

Default value

15

Permissible values

0-999

Related parameters

- [“KI5_ICT_AUTODISCOVER” on page 35](#)
- [“KI5_ICT_BUFFER_SIZE” on page 36](#)
- [“KI5_ICT_BUFFER_THRESH” on page 36](#)
- [“KI5_ICT_COLLECT_LEVEL” on page 37](#)
- [“KI5_ICT_MESSAGE_LEVEL” on page 38](#)
- [“KI5_X_ICT_IMS_CONNECT_FLAG” on page 38](#)

KI5_ICT_COLLECT_LEVEL

Use the KI5_ICT_COLLECT_LEVEL parameter to specify the collection level. If you increase the collection level, more data is collected.

Required or optional

Required

Location where the parameter value is stored

The KIPICTP member of the *rhilev.midlev.rtename.xKANPARU* library where x is R, W, or I.

Parameter name

ICT_COLLECT_LEVEL = &KI5ICTCL

Default value

4

Permissible values

0 - 4

Related parameters

- [“KI5_ICT_AUTODISCOVER” on page 35](#)
- [“KI5_ICT_BUFFER_SIZE” on page 36](#)
- [“KI5_ICT_BUFFER_THRESH” on page 36](#)
- [“KI5_ICT_COLLECT_INTERVAL” on page 37](#)
- [“KI5_ICT_MESSAGE_LEVEL” on page 38](#)
- [“KI5_X_ICT_IMS_CONNECT_FLAG” on page 38](#)

KI5_X_ICT_IMS_CONNECT_FLAG

Use the KI5_X_ICT_IMS_CONNECT_FLAG parameter to enable IMS Connect. You must set the KI5_X_ICT_IMS_CONNECT_FLAG parameter to Y to use the SCEXLINK and SFUNLINK data sets. If this parameter is disabled (N), you cannot specify the data set definition statements for these data sets.

Required or optional

Required

Location where the parameter value is stored

The parameter value is not stored; it is only used to determine the outcome of a decision statement within PARMGEN that enables or disables the use of IMS Connect.

Parameter name

Default value

Y

Permissible values

Y or N

Related parameters

- [“KI5_ICT_AUTODISCOVER” on page 35](#)
- [“KI5_ICT_BUFFER_SIZE” on page 36](#)
- [“KI5_ICT_BUFFER_THRESH” on page 36](#)
- [“KI5_ICT_COLLECT_INTERVAL” on page 37](#)
- [“KI5_ICT_COLLECT_LEVEL” on page 37](#)
- [“KI5_ICT_MESSAGE_LEVEL” on page 38](#)

KI5_ICT_MESSAGE_LEVEL

Use the KI5_ICT_MESSAGE_LEVEL parameter to specify the volume of message traffic that the collector issues to the system console.

Required or optional

Required

Location where the parameter value is stored

The KIPICTP member of the *rhilev.midlev.rtename.xKANPARU* library where x is R, W, or I.

Parameter name

ICT_MESSAGE_LEVEL = &KI5ICTML

Default value

ERROR

Permissible values

ERROR, VERBOSE, or DEBUG

Related parameters

- [“KI5_ICT_AUTODISCOVER” on page 35](#)
- [“KI5_ICT_BUFFER_SIZE” on page 36](#)
- [“KI5_ICT_BUFFER_THRESH” on page 36](#)
- [“KI5_ICT_COLLECT_INTERVAL” on page 37](#)
- [“KI5_ICT_COLLECT_LEVEL” on page 37](#)
- [“KI5_X_ICT_IMS_CONNECT_FLAG” on page 38](#)

KI5_II

Use the KI5_II parameter to specify the beginning or end of the subsystem information for the IMS and Internal Resource Lock Manager (IRLM) subsystems, which are monitored by the OMEGAMON for IMS product.

If the variable value is BEGIN, the variables up to either the next BEGIN or the next END contain all the information necessary to construct information for each subsystem. The END value indicates the end of the subsystem information

Required or optional

Optional

Location where the parameter value is stored

This value is not stored, but it is used for internal processing

Parameter name

Default value

BEGIN

Permissible values

BEGIN or END

Related parameters

All KI5_II nn_* parameters

KI5_II nn _ROW

Specifies the beginning of the parameter group for a monitored subsystem, such as IMS or IRLM.

Description

The variable value nn must be a sequential number (01-99) of the current group within the scope of the KI5_II parameter.

Required or optional

Required

Location where the parameter value is stored

This value is not stored, but it is used for internal processing.

Default value

None

Permissible values

01-99

Related parameters

All KI5_II nn_* parameters

KI5_II nn _SSID

Use the KI5_II nn _SSID parameter to specify the IMSID of the IMS subsystem to be monitored. You set the IMSID on the IMSGEN macro at IMS system definition time.

Required or optional

Required

Location where the parameter value is stored

The KIPCNFG member of the *rhilev.midlev.rtename.xKANPARU* library where x is R, W, or I.

Parameter name

IMS(&KIPSSNM) or IRLM(&KIPSSNM)

Default value

N/A

Permissible values

Character string no longer than four characters in length

Related parameters

All KI5_IInn_* parameters

KI5_IInn_SS_DBCMSK

Use the KI5_IInn_SS_DBCMSK parameter to display sensitive data from the Program Control Block (PCB) key fields, segment search argument (SSA), and Input and Output Areas (IOAREA).

Required or optional

Required

Location where the parameter value is stored

The KIPCNFG member of the *rhilev.midlev.rtename.xKANPARU* library where *x* is R, W, or I.

Parameter name

MASKDATA(&KIPSPRMB)

Default value

N

Permissible values

Y or N

If you set the value to Y, asterisks (*) overlay the PCB key fields, SSA and IOAREA in the display. If you set the value to N, the areas display the value that is retained in memory, in both character and hexadecimal formats.

Related parameters

All KI5_IInn_* parameters

KI5_IInn_SS_TYP

Use the KI5_IInn_SS_TYP parameter to specify the type of subsystem that is used by the OMEGAMON for IMS on z/OS product.

Required or optional

Required

Location where the parameter value is stored

The KIPSTART member of the *rhilev.midlev.rtename.xKANCMDU* library and the KIPCNFG member of the *rhilev.midlev.rtename.xKANPARU* library, where *x* is R, W, or I.

Parameter name

KIPSTART: IPDC &KIPSSTYP(&KIPSSNM)

KIPCNFG: &KIPSSTYP(&KIPSSNM)

Default value

SERVER

Permissible values

SERVER, IMS, or IRLM

There are three types of subsystem:

- SERVER – indicates an internal subsystem type that is used exclusively by the Tivoli Enterprise Monitoring Server. Do not specify the value for this field; the configuration sets the value for you.
- IMS – indicates that this subsystem is an IMS subsystem
- IRLM – indicates that this subsystem is an IRLM subsystem

Related parameters

All KI5_IInn_* parameters

KI5_TN3270_DXL_USERDATA

Specifies data to pass to the TN3270 interface during logon.

Description

This parameter is used to display the OMEGAMON 3270 Classic interface in the Tivoli Enterprise Portal Terminal view.

Specify the data to be passed to the TN3270 interface during logon, for example, LROWS=999. The format is a character string with a maximum length of 64 characters. If not specified, the default value is a null string.

Required or optional

Optional

Location where the parameter value is stored

The KIP_DXL_USERDATA parameter in the *KppENV* member of the RKANPARU library

Default value

Null

Permissible values

Character string, maximum length 64

Related parameters

- [KI5_TN3270_DXL_USERGROUP](#)
- [KI5_TN3270_DXL_USSCHECK](#)

KI5_TN3270_DXL_USERGROUP

Specifies the user group name for TN3270 interface security.

Description

This parameter is used to display the OMEGAMON 3270 Classic interface in the Tivoli Enterprise Portal Terminal view.

If you configure security for the TN3270 interface, specify the user group name to be used. The logon panel requires a user ID, password, and optionally a user group. The format is a character string with a maximum length of eight characters. If not specified, the default value is a null string.

Required or optional

Optional

Location where the parameter value is stored

The KIP_DXL_USERGROUP parameter in the *KppENV* member of the RKANPARU library

Default value

Null

Permissible values

Character string, maximum length 8

Related parameters

- [KI5_TN3270_DXL_USERDATA](#)
- [KI5_TN3270_DXL_USSCHECK](#)

KI5_TN3270_DXL_USSCHECK

Specifies the TN3270 USS check name.

Description

This parameter is used to display the OMEGAMON 3270 Classic interface in the Tivoli Enterprise Portal Terminal view.

Specify a string to be searched that verifies that the logon process uses the Telnet Unformatted System Services (USS) facility to access the mainframe. This variable identifies a different string to look for if the site uses the Telnet USS facility but replaces the initial logon screen with its own panel. The format is a character string with a maximum length of 16 characters. If the variable is not specified, the default value is the following string: USSMSG10:

Applications that support the Dynamic XE to 3270 (Classic) linking feature require the USS to accept a LOGON APPLID() DATA() command.

Required or optional

Optional

Location where the parameter value is stored

The KIP_DXL_USSCHECK parameter in the KppENV member of the RKANPARU library

Default value

USSMSG10:

Permissible values

Character string, maximum length 16

Related parameters

- [KI5_TN3270_DXL_USERDATA](#)
- [KI5_TN3270_DXL_USERGROUP](#)

KI5_X_AGT_CONFIRM_SHUTDOWN

Use the **KI5_X_AGT_CONFIRM_SHUTDOWN** parameter to end the OMEGAMON for IMS on z/OS address space. You can specify the maximum number of seconds between two successive SHUTDOWN commands or between MVS STOP (P) commands.

Required or optional

Required

Location where the parameter value is stored

The KI5SYSIN member of the *rhilev.midlev.rtename.xKANPARU* library where x is R, W, or I.

Parameter name

CONFIRM(&XI5FIRM)

Default value

0

Permissible values

0 - 15

The CONFIRM(0) parameter allows the TMS:Engine to shut down immediately without requiring an extra, confirming SHUTDOWN command. The CONFIRM(n) parameter prevents accidental shutdowns by requiring you to reenter the command within the specified number of seconds. For example, CONFIRM(15) requires you to enter SHUTDOWN twice within 15 seconds to terminate the address space.

Related parameters

- [“KI5_X_AGT_STORAGE_LIMIT_EXTEND”](#) on page 47
- [“KI5_X_AGT_DEBUG_TRACE”](#) on page 43
- [“KI5_X_AGT_LGSA_VERIFY”](#) on page 44
- [“KI5_X_AGT_LSRPOOL_BUFFER_NUM”](#) on page 45
- [“KI5_X_AGT_LSRPOOL_BUFSIZE”](#) on page 45
- [“KI5_X_AGT_SDUMP_SVC_SYS1_DUMP”](#) on page 46
- [“KI5_X_AGT_STORAGE_LIMIT_PRIMARY”](#) on page 47
- [“KI5_X_AGT_STORAGE_STGDEBUG”](#) on page 49

KI5_X_AGT_DEBUG_TRACE

Do not modify this parameter except under the guidance of IBM Software Support. This parameter activates the TMS:Engine debugging services.

Required or optional

Optional

Location where the parameter value is stored

The KI5SYSIN member of the *rhilev.midlev.rtename.xKANPARU* library where *x* is R, W, or I.

Parameter name

DEBUG(&XI5DEBG)

Default value

N

Permissible values

Y or N

- The N value specifies to record basic debugging information.
- The Y value specifies not to record basic debugging information.

Note: The DEBUG and STGDEBUG parameters might affect each other. If you specify DEBUG(Y) and omit STGDEBUG, you activate basic storage debugging and can cause an increase in storage use parameters. For proper use, specify STGDEBUG after DEBUG in the initialization deck; DEBUG overrides STGDEBUG if it follows STGDEBUG.

Related parameters

- [“KI5_X_AGT_CONFIRM_SHUTDOWN” on page 42](#)
- [“KI5_X_AGT_LGSA_VERIFY” on page 44](#)
- [“KI5_X_AGT_LSRPOOL_BUFFER_NUM” on page 45](#)
- [“KI5_X_AGT_LSRPOOL_BUFSIZE” on page 45](#)
- [“KI5_X_AGT_SDUMP_SVC_SYS1_DUMP” on page 46](#)
- [“KI5_X_AGT_STORAGE_LIMIT_EXTEND” on page 47](#)
- [“KI5_X_AGT_STORAGE_LIMIT_PRIMARY” on page 47](#)
- [“KI5_X_AGT_STORAGE_STGDEBUG” on page 49](#)

KI5_X_AGT_KDC_DEBUG

Do not modify this parameter except under the guidance of IBM Software Support. This parameter is intended for stable applications in production.

Required or optional

Optional

Location where the parameter value is stored

The KI5ENV member of the *rhilev.midlev.rtename.xKANPARU* library where *x* is R, W, or I.

Parameter name

KDC_DEBUG=&XI5DDBG

Default value

N

Permissible values

Y, N, D, M, or A

Set this parameter to Y if you want KDC_DEBUG=Y to be the override setting in the RKANPARU(KI5ENV) member. Otherwise, the default setting of KDC_DEBUG=N is used. This default parameter instructs the data communications layer to report communications problems with a minimal, summary format.

The default KDC_DEBUG=N generates standard RAS1 trace data in the Agent RKLVLLOG in addition to the summary information used for diagnosing possible timeout conditions. The following settings provide information about data communications problems:

- KDC_DEBUG=N: minimal tracing (default)
- KDC_DEBUG=Y: full-packet tracing
- KDC_DEBUG=D: KDC_DEBUG=Y plus STATE & FLOW tracing
- KDC_DEBUG=M: KDC_DEBUG=D plus INPUT & OUTPUT HELPs tracing
- KDC_DEBUG=A: KDC_DEBUG=M plus all format tracing

Related parameters

- [“KI5_X_AGT_CONFIRM_SHUTDOWN” on page 42](#)
- [“KI5_X_AGT_DEBUG_TRACE” on page 43](#)
- [“KI5_X_AGT_LGSA_VERIFY” on page 44](#)
- [“KI5_X_AGT_LSRPOOL_BUFFER_NUM” on page 45](#)
- [“KI5_X_AGT_LSRPOOL_BUFSIZE” on page 45](#)
- [“KI5_X_AGT_SDUMP_SVC_SYS1_DUMP” on page 46](#)
- [“KI5_X_AGT_STORAGE_LIMIT_EXTEND” on page 47](#)
- [“KI5_X_AGT_STORAGE_LIMIT_PRIMARY” on page 47](#)
- [“KI5_X_AGT_STORAGE_STGDEBUG” on page 49](#)

KI5_X_AGT_LGSA_VERIFY

Do not modify this parameter except under the guidance of IBM Software Support. This parameter invokes the TMS:Engine to check that the \$GSA address is available.

Required or optional

Required

Location where the parameter value is stored

The KI5SYSIN member of the *rhilev.midlev.rtename.xKANPARU* library where *x* is R, W, or I.

Parameter name

LGSA(&XI5LGSA)

Default value

Y

Permissible values

Y or N

Related parameters

- [“KI5_X_AGT_CONFIRM_SHUTDOWN” on page 42](#)
- [“KI5_X_AGT_DEBUG_TRACE” on page 43](#)
- [“KI5_X_AGT_LSRPOOL_BUFFER_NUM” on page 45](#)
- [“KI5_X_AGT_LSRPOOL_BUFSIZE” on page 45](#)
- [“KI5_X_AGT_SDUMP_SVC_SYS1_DUMP” on page 46](#)
- [“KI5_X_AGT_STORAGE_LIMIT_EXTEND” on page 47](#)
- [“KI5_X_AGT_STORAGE_LIMIT_PRIMARY” on page 47](#)
- [“KI5_X_AGT_STORAGE_STGDEBUG” on page 49](#)

KI5_X_AGT_LSRPOOL_BUFFER_NUM

Use the KI5_X_AGT_LSRPOOL_BUFFER_NUM parameter to specify the number of virtual storage buffers to be allocated for a buffer pool in the VSAM resource pool. You must specify both a buffer size and the number of buffers for each LSRPOOL statement; you cannot string the definitions. Use this syntax to specify the buffer size and the number of buffers in the same parameter:

```
LSRPOOL(buffer_size,number_of_buffers)
```

Required or optional

Required

Location where the parameter value is stored

The KI5SYSIN member of the *rhilev.midlev.rtename.xKANPARU* library where x is R, W, or I.

Parameter name

LSRPOOL(&XI5BSIZ, &XI5BNUM)

Default value

32

Permissible values

3 - 65535

Related parameters

- [“KI5_X_AGT_CONFIRM_SHUTDOWN”](#) on page 42
- [“KI5_X_AGT_DEBUG_TRACE”](#) on page 43
- [“KI5_X_AGT_LGSA_VERIFY”](#) on page 44
- [“KI5_X_AGT_LSRPOOL_BUFSIZE”](#) on page 45
- [“KI5_X_AGT_SDUMP_SVC_SYS1_DUMP”](#) on page 46
- [“KI5_X_AGT_STORAGE_LIMIT_EXTEND”](#) on page 47
- [“KI5_X_AGT_STORAGE_LIMIT_PRIMARY”](#) on page 47
- [“KI5_X_AGT_STORAGE_STGDEBUG”](#) on page 49

KI5_X_AGT_LSRPOOL_BUFSIZE

Use the KI5_X_AGT_LSRPOOL_BUFSIZE parameter to specify the size, in bytes, of each virtual storage buffer in the buffer pool in the VSAM resource pool. You must specify a buffer size and number of buffers for each LSRPOOL statement; you cannot string the definitions.

Use this syntax to specify the buffer size and the number of buffers in the same parameter:

```
LSRPOOL(buffer_size,number_of_buffers)
```

Required or optional

Required

Location where the parameter value is stored

The KI5SYSIN member of the *rhilev.midlev.rtename.xKANPARU* library where x is R, W, or I.

Parameter name

LSRPOOL(&XI5BSIZ, &XI5BNUM)

Default value

32768

Permissible values

512, 1024, 2048, 8192, 12288, 16384, 20480, 24576, 28672, or 32768

Related parameters

- [“KI5_X_AGT_CONFIRM_SHUTDOWN”](#) on page 42

- [“KI5_X_AGT_DEBUG_TRACE” on page 43](#)
- [“KI5_X_AGT_LGSA_VERIFY” on page 44](#)
- [“KI5_X_AGT_LSRPOOL_BUFFER_NUM” on page 45](#)
- [“KI5_X_AGT_SDUMP_SVC_SYS1_DUMP” on page 46](#)
- [“KI5_X_AGT_STORAGE_LIMIT_EXTEND” on page 47](#)
- [“KI5_X_AGT_STORAGE_LIMIT_PRIMARY” on page 47](#)
- [“KI5_X_AGT_STORAGE_STGDEBUG” on page 49](#)

KI5_X_AGT_SDUMP_SVC_SYS1_DUMP

Do not modify this parameter except under the guidance of IBM Software Support. This command generates SVC memory dumps.

Required or optional

Required

Location where the parameter value is stored

The KI5SYSIN member of the *rhilev.midlev.rtename.xKANPARU* library where *x* is R, W, or I.

Parameter name

SDUMP(&XI5DSVC)

Default value

Y

Permissible values

Y, N, S or M

- The Y parameter value directs the SVC memory dump to a system memory dump data set (SYS1.DUMPxx). Before you specify the Y value, ensure that the TMS:Enginejob step is APF-authorized and that the SYS1.DUMPxx data sets are large enough to contain the contents of the TMS:Engine address space.
- The N parameter value directs formatted memory dumps to the RKLVSnap data set. If possible, avoid formatted memory dumps. These types of memory dumps disable the TMS:Engine address space for a longer time than either SVC memory dumps or SYSMDUMPs, and are more difficult to analyze.
- The S parameter value directs summary memory dumps to the RKLVSnap data set. A summary memory 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.
- The M parameter value directs ABEND dumps to the data set with the SYSMDUMP DD name. This type of memory dump is not formatted by the operating system and must be analyzed with IPCS. Only the first memory dump that is taken is captured in the SYSMDUMP data set unless JCL specifies DISP=MOD. The TMS:Engine automatically initializes the SYSMDUMP data set with an end-of-file mark.

Related parameters

- [“KI5_X_AGT_CONFIRM_SHUTDOWN” on page 42](#)
- [“KI5_X_AGT_DEBUG_TRACE” on page 43](#)
- [“KI5_X_AGT_LGSA_VERIFY” on page 44](#)
- [“KI5_X_AGT_LSRPOOL_BUFFER_NUM” on page 45](#)
- [“KI5_X_AGT_LSRPOOL_BUFSIZE” on page 45](#)
- [“KI5_X_AGT_STORAGE_LIMIT_EXTEND” on page 47](#)
- [“KI5_X_AGT_STORAGE_LIMIT_PRIMARY” on page 47](#)
- [“KI5_X_AGT_STORAGE_STGDEBUG” on page 49](#)

KI5_X_AGT_STORAGE_LIMIT_EXTEND

Use the KI5_X_AGT_STORAGE_LIMIT_EXTEND parameter to specify the maximum size for the TMS:Engine extended storage (above-the-line) request.

Required or optional

Required

Location where the parameter value is stored

The KI5SYSIN member of the *rhilev.midlev.rtename.xKANPARU* library where *x* is R, W, or I.

Parameter name

LIMIT(&XI5ELIM, X)

Default value

23

Permissible values

16 - 25

The maximum extended storage request size is specified as a power of 2. The minimum extended storage size is 16, which specifies a limit of 64K. The maximum is 25, which specifies a limit of 32M.

Related parameters

- [“KI5_X_AGT_CONFIRM_SHUTDOWN” on page 42](#)
- [“KI5_X_AGT_DEBUG_TRACE” on page 43](#)
- [“KI5_X_AGT_LGSA_VERIFY” on page 44](#)
- [“KI5_X_AGT_LSRPOOL_BUFFER_NUM” on page 45](#)
- [“KI5_X_AGT_LSRPOOL_BUFSIZE” on page 45](#)
- [“KI5_X_AGT_SDUMP_SVC_SYS1_DUMP” on page 46](#)
- [“KI5_X_AGT_STORAGE_LIMIT_PRIMARY” on page 47](#)
- [“KI5_X_AGT_STORAGE_STGDEBUG” on page 49](#)

KI5_X_AGT_STORAGE_LIMIT_PRIMARY

Use the KI5_X_AGT_STORAGE_LIMIT_PRIMARY parameter to specify the maximum size for the TMS:Engine primary storage request.

Required or optional

Required

Location where the parameter value is stored

The KI5SYSIN member of the *rhilev.midlev.rtename.xKANPARU* library where *x* is R, W, or I.

Parameter name

LIMIT(&XI5PLIM, P)

Default value

20

Permissible values

16 - 25

The maximum primary storage request size is specified as a power of 2. The minimum primary storage size is 16, which specifies a limit of 64K. The maximum is 25, which specifies a limit of 32M.

Related parameters

- [“KI5_X_AGT_CONFIRM_SHUTDOWN” on page 42](#)
- [“KI5_X_AGT_DEBUG_TRACE” on page 43](#)

- [“KI5_X_AGT_LGSA_VERIFY” on page 44](#)
- [“KI5_X_AGT_LSRPOOL_BUFFER_NUM” on page 45](#)
- [“KI5_X_AGT_LSRPOOL_BUFSIZE” on page 45](#)
- [“KI5_X_AGT_SDUMP_SVC_SYS1_DUMP” on page 46](#)
- [“KI5_X_AGT_STORAGE_LIMIT_EXTEND” on page 47](#)
- [“KI5_X_AGT_STORAGE_LIMIT_PRIMARY” on page 47](#)
- [“KI5_X_AGT_STORAGE_STGDEBUG” on page 49](#)

KI5_X_AGT_STORAGE_RESERVE_EXT

Use the KI5_X_AGT_STORAGE_RESERVE_EXT parameter to specify the number of kilobytes (K) of extended (above-the-line) storage to reserve for other routines that might complete GETMAINS in this address space. If your RESERVE value is too small, you might encounter IST566I messages from VTAM or S80A, S878, S066, S40D, or S0F9 abends.

Required or optional

Required

Location where the parameter value is stored

The KI5SYSIN member of the *rhilev.midlev.rtename.xKANPARU* library where *x* is R, W, or I.

Parameter name

RESERVE(&XAGERES, X)

Default value

4096

Permissible values

0 - 9999

Related parameters

- [“KI5_X_AGT_CONFIRM_SHUTDOWN” on page 42](#)
- [“KI5_X_AGT_DEBUG_TRACE” on page 43](#)
- [“KI5_X_AGT_LGSA_VERIFY” on page 44](#)
- [“KI5_X_AGT_LSRPOOL_BUFFER_NUM” on page 45](#)
- [“KI5_X_AGT_LSRPOOL_BUFSIZE” on page 45](#)
- [“KI5_X_AGT_SDUMP_SVC_SYS1_DUMP” on page 46](#)
- [“KI5_X_AGT_STORAGE_LIMIT_EXTEND” on page 47](#)
- [“KI5_X_AGT_STORAGE_LIMIT_PRIMARY” on page 47](#)
- [“KI5_X_AGT_STORAGE_RESERVE_PRI” on page 48](#)
- [“KI5_X_AGT_STORAGE_STGDEBUG” on page 49](#)

KI5_X_AGT_STORAGE_RESERVE_PRI

Use the KI5_X_AGT_STORAGE_RESERVE_PRI parameter to specify the number of kilobytes (K) of primary (below-the-line) storage to reserve for other routines (for example ACF2 and RACF) that might complete GETMAINS in this address space. The ACF2 and RACF routines use approximately 1K of primary storage per logged-on user. If your RESERVE value is too small, you might encounter ISST566I messages from VTAM or S80A, S878, S066, S40D, or S0F9 abends.

Required or optional

Required

Location where the parameter value is stored

The KI5SYSIN member of the *rhilev.midlev.rtename.xKANPARU* library where *x* is R, W, or I.

Parameter name

RESERVE(&XI5PRES, P)

Default value

4096

Permissible values

0 - 9999

Related parameters

- [“KI5_X_AGT_CONFIRM_SHUTDOWN” on page 42](#)
- [“KI5_X_AGT_DEBUG_TRACE” on page 43](#)
- [“KI5_X_AGT_KDC_DEBUG” on page 43](#)
- [“KI5_X_AGT_LGSA_VERIFY” on page 44](#)
- [“KI5_X_AGT_LSRPOOL_BUFFER_NUM” on page 45](#)
- [“KI5_X_AGT_LSRPOOL_BUFSIZE” on page 45](#)
- [“KI5_X_AGT_SDUMP_SVC_SYS1_DUMP” on page 46](#)
- [“KI5_X_AGT_STORAGE_LIMIT_EXTEND” on page 47](#)
- [“KI5_X_AGT_STORAGE_LIMIT_PRIMARY” on page 47](#)
- [“KI5_X_AGT_STORAGE_RESERVE_EXT” on page 48](#)
- [“KI5_X_AGT_STORAGE_STGDEBUG” on page 49](#)
- [“KI5_X_AGT_TASKS_ATTACHED_NUM” on page 50](#)

KI5_X_AGT_STORAGE_STGDEBUG

Use the KI5_X_AGT_STORAGE_STGDEBUG parameter to activate TMS:Engine storage debugging services.

Required or optional

Optional

Location where the parameter value is stored

The KI5SYSIN member of the *rhilev.midlev.rtename.xKANPARU* library where *x* is R, W, or I.

Parameter name

STGDEBUG(&XI5STDB)

Default value

N

Permissible values

Y, N, or X

- The Y value specifies to record basic storage debugging information.
- The N parameter value specifies not to record basic storage debugging information.
- The X value specifies to record extended storage debugging information.

Note: The DEBUG and STGDEBUG parameters might affect each other. If you specify DEBUG(Y) and omit STGDEBUG, you activate basic storage debugging and can cause an increase in storage use parameters. For proper use, specify STGDEBUG after DEBUG in the initialization deck; DEBUG overrides STGDEBUG if it follows STGDEBUG.

Related parameters

- [“KI5_X_AGT_CONFIRM_SHUTDOWN” on page 42](#)
- [“KI5_X_AGT_DEBUG_TRACE” on page 43](#)
- [“KI5_X_AGT_LGSA_VERIFY” on page 44](#)
- [“KI5_X_AGT_LSRPOOL_BUFFER_NUM” on page 45](#)

- [“KI5_X_AGT_LSRPOOL_BUFSIZE” on page 45](#)
- [“KI5_X_AGT_SDUMP_SVC_SYS1_DUMP” on page 46](#)
- [“KI5_X_AGT_STORAGE_LIMIT_EXTEND” on page 47](#)
- [“KI5_X_AGT_STORAGE_LIMIT_PRIMARY” on page 47](#)

KI5_X_AGT_TASKS_ATTACHED_NUM

Do not modify this parameter except under the guidance of IBM Software Support. This parameter specifies the number of general-purpose subtasks to be attached in the TMS:Engine address space. If the TMS:Engine is running on a multiprocessor, the TASKS default increases both the throughput and the CPU usage. Reducing the number of tasks decreases throughput and CPU usage.

Required or optional

Required

Location where the parameter value is stored

The KI5SYSIN member of the *rhilev.midlev.rtename.xKANPARU* library where *x* is R, W, or I.

Parameter name

TASKS(&XI5TASK)

Default value

1

Permissible values

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

Related parameters

- [“KI5_X_AGT_CONFIRM_SHUTDOWN” on page 42](#)
- [“KI5_X_AGT_DEBUG_TRACE” on page 43](#)
- [“KI5_X_AGT_LGSA_VERIFY” on page 44](#)
- [“KI5_X_AGT_LSRPOOL_BUFFER_NUM” on page 45](#)
- [“KI5_X_AGT_LSRPOOL_BUFSIZE” on page 45](#)
- [“KI5_X_AGT_SDUMP_SVC_SYS1_DUMP” on page 46](#)
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Chapter 4. IMS Commander Archival parameters

IMS Commander (KIPILOG and KIPILOGS) in the OMEGAMON enhanced 3270 user interface supplies the RTE_KIP_COMMANDER_* parameters to enable archival of the commander data.

If you specify RTE_KIP_COMMANDER_SHUTDOWN ARCHIVE, an archive data set for each IMS subsystem is created when IMS Commander terminates.

In the OMEGAMON configuration, you can edit the parameters to override the default values:

- For PARMGEN, update the WCONFIG(KCI\$PCFG) member
- For Configuration Manager, update the EMBEDS(KCI\$PCFG) member

In that way, any subsequent use of PARMGEN or Configuration Manager to load your RTE will append the KCI\$PCFG contents to your RKANPARU(KOICFGmp) member.

```
* *****
* MAX64MB Value may be anywhere from 3 to 500  DEFAULT is 200
* *****
*RTE_KIP_COMMANDER_MAX64MB    200
*
* *****
* SHUTDOWN Value may be ARCHIVE or NOARCHIVE  DEFAULT is NOARCHIVE
* *****
RTE_KIP_COMMANDER_SHUTDOWN    ARCHIVE
*
* *****
* ARCHIVEWTO Value may be YES or NO           DEFAULT is YES
* *****
*RTE_KIP_COMMANDER_ARCHIVEWTO YES
*
* *****
* ARCHIVEGDG Value may be YES or NO           DEFAULT is NO
* *****
*RTE_KIP_COMMANDER_ARCHIVEGDG NO
*
* *****
* COMMANDER_HILEV overrides the value of HILEV for Archival
* *****
*RTE_KIP_COMMANDER_HILEV      <hilev>
*
* *****
* COMMANDER_RTE_NAME overrides the value of RTE_NAME for Archival
* *****
*RTE_KIP_COMMANDER_RTE_NAME    <rte_name>
* *****
* SCHEDULE Value may be                       There is no DEFAULT
* *****
*RTE_KIP_COMMANDER_SCHEDULE    WHEN=HH:MM,FREQ={O,H,D},RETAIN={A,N}
*
* WHERE HH:MM is any valid time from 00:00 to 23:59
* WHERE FREQ is the value ONCE, or HOURLY, or DAILY
* WHERE RETAIN is the value ALL or NONE
*
RTE_KIP_COMMANDER_SCHEDULE    WHEN=00:00,FREQ=DAILY,RETAIN=NONE
*
```

Figure 1. IMS Commander Archival parameters

The disk archive format is standard physical sequential. The archive data set name will be either:

- HILEV.RTE_NAME.ICMD*iiii*.MMMDYY (if RTE_KIP_COMMANDER_ARCHIVEGDG is NO)
- HILEV.RTE_NAME.ICMD*iiii*.GnnnnVnn (if RTE_KIP_COMMANDER_ARCHIVEGDG is YES)

Where *iiii* is the IMS ID of the targeted IMS. If RTE_KIP_COMMANDER_ARCHIVEGDG is YES, you must pre-allocate the GDG base using the IDCAMS utility.

The RETAIN keyword of the RTE_KIP_COMMANDER_SCHEDULE parameter controls the state of the repository (buffer in 64-bit virtual storage) after its contents have been archived:

- RETAIN=NONE means that the repository will be emptied.
- RETAIN=ALL means that all the messages in the repository will be retained so that new messages will be appended.

The repository size, controlled by RTE_KIP_COMMANDER_MAX64MB, is up to 500 MB, and when exhausted the new messages will be overriding the oldest ones in a wrap-around fashion.

Note: In the Archive tab of the KIPLOG and KIPLOGS workspaces, you can temporarily change the values of RTE_KIP_COMMANDER_SCHEDULE and the values will be reset when the IMS agent restarts.

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Accessibility features help users with physical disabilities, such as restricted mobility or limited vision, to use software products successfully. OMEGAMON monitoring products support several user interfaces. Product functionality and accessibility features vary according to the interface.

The major accessibility features in this product enable users in the following ways:

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