IBM Tivoli OMEGAMON XE for DB2 Performance Expert on z/OS
IBM Tivoli OMEGAMON XE for DB2 Performance Monitor on z/OS
Version 5.4.0

Parameter Reference
IBM Tivoli OMEGAMON XE for DB2 Performance Expert on z/OS
IBM Tivoli OMEGAMON XE for DB2 Performance Monitor on z/OS
Version 5.4.0

Parameter Reference

IBM
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- IBM Tivoli OMEGAMON XE for DB2 Performance Monitor on z/OS, version 5, release 4, modification 0 (5655-W38)

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About this publication

This publication provides a comprehensive reference of the PARMGEN parameters you use to set and store configuration values for the following products:

- IBM® Tivoli® OMEGAMON® XE for DB2® Performance Expert on z/OS®
- IBM Tivoli OMEGAMON XE for DB2 Performance Monitor on z/OS

**Note:** In descriptions that apply to both, IBM Tivoli OMEGAMON XE for DB2 Performance Monitor on z/OS and IBM Tivoli OMEGAMON XE for DB2 Performance Expert on z/OS, the term OMEGAMON XE for DB2 PE, is used for both.

The configuration process consists of mandatory steps to configure the basic product components and of optional steps to configure additional components. To perform the major portion of the configuration, you use PARMGEN method.

This publication is closely related to the [Configuration and Customization](#), which provides common information about using the PARMGEN configuration method.

Definitions of common parameters, such as those used by runtime environments (RTE parameters) and Tivoli Enterprise Monitoring Server (TEMS parameters), are found in the *IBM Tivoli OMEGAMON XE and Tivoli Management Services on z/OS: Parameter Reference*.

For a technical overview of the PARMGEN configuration method, see the [IBM Tivoli OMEGAMON XE and Tivoli Management Services on z/OS: Parameter Reference, and the PARMGEN Technote](#).

Always check the IBM DB2 and IMS™ Tools Library web page and the Tivoli library page for the most current version of this information:

- [Tivoli OMEGAMON XE for DB2 Performance Expert on z/OS (PDFs and Techdocs on DB2 Tools Product Page)](#)
- [Tivoli OMEGAMON XE for DB2 Performance Monitor on z/OS (PDFs and Techdocs on DB2 Tools Product Page)](#)
Who should read this publication

This publication provides reference information for persons responsible for configuring and customizing OMEGAMON XE for DB2 PE, such as:

- Database administrators
- System programmers
- System operators

It shows how to configure the following components to create a runtime environment (RTE) using the PARMGEN method instead of the z/OS Configuration Tool:

- OMNIMON Base V6.2.0 (KCN/KOB)
- OMEGAMON XE for DB2 PE/PM (KO2/KD2)
- OMEGAMON XE for DB2 PE/PM Agent (KD5)
Conventions used in the OMEGAMON documentation

This information uses several conventions for special terms and actions, and operating system-dependent commands and paths.

Panels and figures

The panels and figures in this document are representations. Actual product panels might differ.

Symbols

The following symbols might appear in command syntax:

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>The or symbol is used to denote a choice. You can use the argument on the left or the argument on the right. For example: YES</td>
</tr>
<tr>
<td>In this example, you can specify YES or NO.</td>
<td></td>
</tr>
<tr>
<td>()</td>
<td>Denotes optional arguments. Arguments that are not enclosed in square brackets are required. For example: APPLDEST DEST (ALTDEST)</td>
</tr>
<tr>
<td>In this example, DEST is a required argument and ALTDEST is optional.</td>
<td></td>
</tr>
<tr>
<td>{}</td>
<td>Some documents use braces to denote mandatory arguments, or to group arguments for clarity. For example: COMPARE {workload} - REPORT={SUMMARY</td>
</tr>
<tr>
<td>In this example, the workload variable is mandatory. The REPORT keyword must be specified with a value of SUMMARY or HISTOGRAM.</td>
<td></td>
</tr>
<tr>
<td>_</td>
<td>Default values are underscored. For example: COPY infile outfile - [COMPRESS={YES</td>
</tr>
<tr>
<td>In this example, the COMPRESS keyword is optional. If specified, the only valid values are YES or NO. If omitted, the default is YES.</td>
<td></td>
</tr>
</tbody>
</table>

Notation conventions

The following conventions are used when referring to high-level qualifiers:

hlq     A high-level qualifier. The high-level qualifier is the first prefix or set of prefixes in the data set name. Site-specific high-level qualifiers are shown in italics.

For example:
- hlq refers to the high-level qualifier for your target data set.
- rhlq refers to the high-level qualifier for your runtime data set.

For members in target libraries, the high-level qualifier is hlq rather than rhlq.
- shlq refers to the SMP/E library high-level qualifier.

Typeface conventions

This information uses the following typeface conventions:

Bold
- Interface controls (check boxes, push buttons, radio buttons, spin buttons, fields, folders, icons, list boxes, items inside list boxes, multicolumn lists, containers, menu choices, menu names, tabs, property sheets), labels (such as Note)
- Keywords and parameters in text

Italic
- Words defined in text
- Emphasis of words (for example: Use the word that to introduce a restrictive clause.)
- New terms in text (except in a definition list)

Monospaced
- Examples and code examples
- File names, programming keywords, and other elements that are difficult to distinguish from surrounding text
- Message text and prompts addressed to the user
- Text that the user must type
- Values for arguments or command options

Significant elements

Recommendation
Provides guidance when more than one option is available.

Related reading
Refers you to other publications that contain relevant information.

Requirement
Identifies a condition that must be met to ensure that the product is functional.

Restriction
Identifies a restriction or limitation with this product or an associated procedure.
Terminology used

IBM Tivoli OMEGAMON XE for DB2 Performance Monitor on z/OS can be considered as a functional subset of IBM Tivoli OMEGAMON XE for DB2 Performance Expert on z/OS. Therefore the abbreviation OMEGAMON XE for DB2 PE or DB2 PE is used for both products. If a distinction is required, OMEGAMON XE for DB2 PM or DB2 PM is used explicitly.

The following table shows the products that are described in this publication and the short names with which they are referred to throughout this publication:

Table 1. Product names and their short names

<table>
<thead>
<tr>
<th>Product name</th>
<th>Short name</th>
</tr>
</thead>
<tbody>
<tr>
<td>IBM Tivoli OMEGAMON XE for DB2 Performance Expert on z/OS</td>
<td>OMEGAMON XE for DB2 PE or DB2 PE</td>
</tr>
<tr>
<td>IBM Tivoli OMEGAMON XE for DB2 Performance Monitor on z/OS</td>
<td>OMEGAMON XE for DB2 PM or DB2 PM</td>
</tr>
<tr>
<td>Buffer Pool Analyzer for z/OS or a particular subsystem</td>
<td>Buffer Pool Analyzer</td>
</tr>
<tr>
<td>IBM DB2 database for z/OS</td>
<td>DB2</td>
</tr>
</tbody>
</table>

- Performance Expert Client and Workstation Online Monitor designate the client component of DB2 PE. Prior to Version 5.4.0 the client component of DB2 PE also designated the end-user interface of Performance Expert for Multiplatforms, Performance Expert for Workgroups, and DB2 PE.
- OMEGAMON Collector designates the server component of DB2 PE.
How to read syntax diagrams

The rules in this section apply to the syntax diagrams that are used in this publication.

Arrow symbols
Read the syntax diagrams from left to right, from top to bottom, following the path of the line.

►► Two right arrows followed by a line indicate the beginning of a statement.

►► One right arrow at the end of a line indicates that the statement syntax is continued on the next line.

►► One right arrow followed by a line indicates that a statement is continued from the previous line.

►► A line followed by a right arrow and a left error indicates the end of a statement.

Conventions
• SQL commands appear in uppercase.
• Variables appear in italics (for example, column-name). They represent user-defined parameters or suboptions.
• When entering commands, separate parameters and keywords by at least one blank if there is no intervening punctuation.
• Enter punctuation marks (slashes, commas, periods, parentheses, quotation marks, equal signs) and numbers exactly as given.
• Footnotes are shown by a number in parentheses, for example, (1).

Required items
Required items appear on the horizontal line (the main path).

►►REQUIRED-ITEM

Optional items
Optional items appear below the main path.

►►REQUIRED-ITEM

If an optional item appears above the main path, that item has no effect on the execution of the statement and is used only for readability.

►►REQUIRED-ITEM

Multiple required or optional items
If you can choose from two or more items, they appear vertically in a stack. If you must choose one of the items, one item of the stack appears on the stack main path.

►►REQUIRED-ITEM

If choosing one of the items is optional, the entire stack appears below the main path.
Repeatable items
An arrow returning to the left above the main line indicates that an item can be repeated.

If the repeat arrow contains a comma, you must separate repeated items with a comma.

If the repeat arrow contains a number in parenthesis, the number represents the maximum number of times that the item can be repeated.

A repeat arrow above a stack indicates that you can specify more than one of the choices in the stack.

Default keywords
IBM-supplied default keywords appear above the main path, and the remaining choices are shown below the main path. In the parameter list following the syntax diagram, the default choices are underlined.
Where to find information

You can access the documentation in several ways.

The documentation for this product is provided in PDF and in HTML format at the following websites:

- Tivoli OMEGAMON XE for DB2 Performance Expert on z/OS
- Tivoli OMEGAMON XE for DB2 Performance Monitor on z/OS

Ordering publications

You can order many IBM publications such as product manuals or IBM Redbooks® online at the IBM Publications Center website.

You can also order by telephone by calling one of the following numbers:

- In the United States: 800-879-2755
- In Canada: 800-426-4968

In other countries, contact your software account representative to order Tivoli publications.

Accessing terminology online

The IBM Terminology website consolidates the terminology from IBM product libraries in one convenient location.
Service updates and support information

You can access support information for IBM Tivoli OMEGAMON XE for DB2 Performance Expert on z/OS and IBM Tivoli OMEGAMON XE for DB2 Performance Monitor on z/OS on the Support home website, or you can use the IBM Support Assistant.

Support home

On the [Support home](#) website, you can find service updates and support information including software fix packs, PTFs, Frequently Asked Questions (FAQs), technical notes, troubleshooting information, and downloads.
Accessibility features

Accessibility features help people with a physical disability, such as restricted mobility or limited vision, or with other special needs, to use software products successfully. This Knowledge Center is developed to comply with the accessibility requirements of software products according to Section 508 of the Rehabilitation Act of the United States.

The accessibility features in this Knowledge Center enable users to do the following tasks:

- Use assistive technologies, such as screen-reader software and digital speech synthesizer, to hear what is displayed on the screen. In this Knowledge Center, all information is provided in HTML format. Consult the product documentation of the assistive technology for details on using assistive technologies with HTML-based information.
- Operate specific or equivalent features using only the keyboard.
- Magnify what is displayed on the screen.

In addition, all images are provided with alternative text so that users with vision impairments can understand the contents of the images.

Navigating the interface by using the keyboard

Standard shortcut and accelerator keys are used by the product and are documented by the operating system. Refer to the documentation provided by your operating system for more information.

Magnifying what is displayed on the screen

You can enlarge information in the product windows using facilities provided by the operating systems on which the product is run. For example, in a Microsoft Windows environment, you can lower the resolution of the screen to enlarge the font sizes of the text on the screen. Refer to the documentation provided by your operating system for more information.
How to send your comments
Your feedback is important in helping to provide the most accurate and high-quality information.

If you have any comments about this information or any other documentation, you can complete and submit the Reader Comment Form.
Chapter 1. Overview of configuration parameters

OMEGAMON XE for DB2 PE provides parameters for setting and storing configuration values.

The PARMGEN configuration method is the successor of the Configuration Tool. The PARMGEN method increases the usability to customers who are already accustomed to supplying parameter values directly in the SYS1.PARMLIB data set and do not want to learn a new tool.

If you are an existing Configuration Tool user and already have an existing runtime environment that you need to convert to PARMGEN, a utility is available to help you. This utility converts from an RTE environment to PARMGEN and is called the Conversion Tool. It is shipped with the Configuration Tool. 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.

Starting with OMEGAMON XE for DB2 Performance Expert on z/OS V5.2.0 to change the values of these parameters, you need to use the PARMGEN configuration method. With the PARMGEN configuration method, you edit a comprehensive list of parameters for configuring all installed products and components, and then submit a series of jobs to create a complete runtime environment with the parameter values you specified. All products that you want to configure must be enabled for PARMGEN. OMEGAMON XE for DB2 Performance Expert on z/OS V5.2.0 is enabled.

This reference information describes each parameter, its name in both, BATCH and PARMGEN configuration methods, where it is found in the Configuration Tool (name, panel, panel ID, and field), and where it is stored. Related parameters (those that are part of the same PARMGEN group) are described in a common section. [Chapter 1, “Overview of configuration parameters”] provides an overview of typical parameter reference entry.

Generating and editing the configuration profile

You can use one of three inputs to set up a configuration profile.

A PARMGEN configuration profile, which is given the RTE 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*.

---

**Parameter names**

Parameters can have different names such as the Configuration Tool name or BATCH parameter name. Some parameters have n or nn in their names; others have batch names designated NA.

Most parameters have several different names:

- **Parameter name**
  
  Name of the parameter as stored in a runtime library. Example: AUTO_DETECT=<value>
  
  **Note:** <value> is replaced during the generation of configuration members.

- **Configuration Tool field name**
  
  Name of the field that identifies the parameter on an interactive panel. Example: Automatic DB2 subsystem monitoring

- **Batch parameter name**
  
  Name of the parameter in the batch parameter member. Example: KD2_OMPE_AUTODETECT

- **PARMGEN name**
  
  Name of the parameter in the PARMGEN parameter list. Example: KD2_OMPE_AUTODETECT
  
  **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.

---

**Variable place holders**

There are several place holders throughout this reference information. They refer to user-customizable configuration settings in the Configuration Tool.

The following table lists the place holders and gives a brief description:

- **&O2CINAME**
  
  Name of the Collector started task

- **&D2PWASNM**
  
  Name of the Performance Warehouse start job

- **&RTENAME**
  
  Name of the runtime environment

- **&RTESTCP**
  
  Started task prefix as specified in the runtime environment settings

- **&RTEU**
  
  Unit specified in the runtime environment settings for VSAM and non-VSAM libraries
&RTESTOR
  Storage class specified in the runtime environment settings for non-VSAM libraries

&RTESMGT
  Management class specified in the runtime environment settings for non-VSAM libraries

&RTEV
  Volume serial (volser) specified in the runtime environment settings for non-VSAM libraries

&RTEVV
  Volume serial (volser) specified in the runtime environment settings for VSAM libraries

&RTEVSTOR
  Storage class specified in the runtime environment settings for VSAM libraries

&RTEVMGT
  Management class specified in the runtime environment settings for VSAM libraries

&D2SECTYP
  Security system specified in the runtime environment settings

Parameters that are written to configuration members mostly have a <value> as a place holder in the parameter name attribute. This place holder is replaced during creation of the configuration members.

Member names might contain ssid written in small letters. This place holder is replaced with the subsystem ID of the target monitored database system. These configuration members exist for each configured monitored database.
Transition from the Configuration Tool to PARMGEN

This overview shows panel IDs and field names from the Configuration Tool and the corresponding PARMGEN parameter names.

PARMGEN is the successor of the Configuration Tool. The following table shows PARMGEN panel names for panel IDs and field names from the Configuration Tool:

<table>
<thead>
<tr>
<th>Panel ID</th>
<th>Field name</th>
<th>PARMGEN parameter name</th>
</tr>
</thead>
<tbody>
<tr>
<td>KD261P0</td>
<td>DB2 Version 10</td>
<td>“GBL_DSN_DB2_LOADLIB_V10” on page 15</td>
</tr>
<tr>
<td>KD261P0</td>
<td>DB2 Version 11</td>
<td>“GBL_DSN_DB2_LOADLIB_V11” on page 16</td>
</tr>
<tr>
<td>KD261P0</td>
<td>DB2 Version 12</td>
<td>“GBL_DSN_DB2_LOADLIB_V12” on page 17</td>
</tr>
<tr>
<td>KD261P0</td>
<td>Specify a DB2 exit library</td>
<td>“GBL_DSN_DB2_DSNEXIT” on page 14</td>
</tr>
<tr>
<td>KD261P1</td>
<td>PWH Enabled</td>
<td>“KD2_DBnn_PWH_D2PWPWHA” on page 326</td>
</tr>
<tr>
<td>KD261P1</td>
<td>PWH job name</td>
<td>“KD2_DBnn_PWH_D2PWASNM” on page 316</td>
</tr>
<tr>
<td>KD261P4</td>
<td>EXPLAIN database</td>
<td>“KD2_PFnn_EX_D2EXDB” on page 270</td>
</tr>
<tr>
<td>KD261P4</td>
<td>Enable DB2 EXPLAIN</td>
<td>“KD2_PFnn_EX_D2EXACT” on page 269</td>
</tr>
<tr>
<td>KD261P4</td>
<td>Is QMF installed</td>
<td>“KD2_PFnn_EX_D2EXQMF” on page 275</td>
</tr>
<tr>
<td>KD261P4</td>
<td>Owner of EXPLAIN objects</td>
<td>“KD2_PFnn_EX_D2EXOBJ” on page 271</td>
</tr>
<tr>
<td>KD261P4</td>
<td>QMF Owner ID</td>
<td>“KD2_PFnn_EX_D2EXQMF” on page 276</td>
</tr>
<tr>
<td>KD261P5</td>
<td>DSG group view (Y, N)</td>
<td>“KD2_DBnn_DB2_DS_GROUP” on page 300</td>
</tr>
<tr>
<td>KD261P5</td>
<td>Port</td>
<td>“KD2_DBnn_DB2_PORT_NUM” on page 305</td>
</tr>
<tr>
<td>KD261P5A</td>
<td>Port</td>
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Chapter 2. Basic product parameters

This section lists the basic parameters of OMEGAMON XE for DB2 PE.

The basic setup of OMEGAMON XE for DB2 PE covers the configuration of the OMEGAMON Collector, the configuration of the user interfaces, and the configuration of the monitoring functions that are enabled globally for all DB2 subsystems.

This section contains a number of parameters to configure the server and the user interfaces. The following table distinguishes between the server-related parameters and the user interface parameters. This information will help you to know which parameters need to be configured in order to use a specific user interface.

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GBL_DB2_KD2_CLASSIC_STC

OMEGAMON Collector started task

Description
The name of the OMEGAMON Collector started task. This name should conform to any security facility in place in your installation.

Required or optional
Required

Default value
%RTE_STC_PREFIX%D2

Location where the parameter value is stored
This value is not stored in a configuration member.

In the Configuration Tool (ICAT)

Panel name
OMEGAMON Collector Information

Panel ID
KD261PN

Panel field
Started task

Default value
&RTESTSTCPO2

Batch parameter name
KD2_CLA_STC

PARMGEN name
GBL_DB2_KD2_CLASSIC_STC

PARMGEN classification
CLA
**GBL_DSN_DB2_DSNEXIT**

**GBL_DSN_DB2_DSNEXIT**

DB2 exit library

**Description**

The name of the dataset in which the DB2 exit load modules reside that should be used by the OMEGAMON Collector.

**Required or optional**

Optional

**Default value**

DSN.V9R1M0.DSNEXIT

**Location where the parameter value is stored**

In the &O2CINAME member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

// DD DISP=SHR,DSN=<value>

In the Configuration Tool (ICAT)

**Panel name**

DB2 Libraries

**Panel ID**

KD261P0

**Panel field**

Specify a DB2 exit library

**Default value**

None

**Batch parameter name**

KD2_OMPE_DB2EXIT

**PARMGEN name**

GBL_DSN_DB2_DSNEXIT

**PARMGEN classification**

DB2
GBL_DSN_DB2_LOADLIB_V10

Load library for DB2 Version 10

Description

The name of the dataset in which the DB2 load modules reside. Specify one DB2 load library for each DB2 subsystem version that you want to monitor.

Required or optional

Optional

Default value

DSN.V AR1M0.SDSNLOAD

Locations where the parameter value is stored

Location 1
In the &O2CINAME member of the rhilev.midlev.rtename.RKD2PAR library

Output line

// DD DISP=SHR,DSN=<value>

Location 2
In the &O2CINAME member of the rhilev.midlev.rtename.RKD2PAR library

Output line

<value> +

Location 3
In the CRTDB2M member of the rhilev.midlev.rtename.RKD2PRF library

Output line

<value> +

In the Configuration Tool (ICAT)

Panel name
DB2 Libraries

Panel ID
KD261P0

Panel field
DB2 Version 10

Default value
None

Batch parameter name
KD2_OMPE_DB2LOADLIB_V10

PARMGEN name
GBL_DSN_DB2_LOADLIB_V10

PARMGEN classification
DB2
Load library for DB2 Version 11

The name of the dataset in which the DB2 load modules reside. Specify one DB2 load library for each DB2 subsystem version that you want to monitor.

Optional

None

Location 1
In the &O2CINAME member of the rhilev.midlev.rtname.RKD2PAR library
Output line
// DD DISP=SHR,DSN=<value>

Location 2
In the &O2CINAME member of the rhilev.midlev.rtname.RKD2PAR library
Output line
<value> +

Location 3
In the CRTDB2M member of the rhilev.midlev.rtname.RKD2PRF library
Output line
<value> +

In the Configuration Tool (ICAT)
Panel name
DB2 Libraries
Panel ID
KD261P0
Panel field
DB2 Version 11
Default value
None

Batch parameter name
KD2_OMPE_DB2LOADLIB_V11

PARMGEN name
GBL_DSN_DB2_LOADLIB_V11

PARMGEN classification
DB2
**GBL_DSN_DB2_LOADLIB_V12**

Load library for DB2 Version 12

**Description**

The name of the dataset in which the DB2 load modules reside. Specify one DB2 load library for each DB2 subsystem version that you want to monitor.

**Required or optional**

Optional

**Default value**

None

**Locations where the parameter value is stored**

**Location 1**

In the &O2CINAME member of the `rhilev.midlev.rtename.RKD2PAR` library

Output line

```
//       DD DISP=SHR,DSN=<value>
```

**Location 2**

In the &O2CINAME member of the `rhilev.midlev.rtename.RKD2PAR` library

Output line

```
<value> +
```

**Location 3**

In the `CRTDB2M` member of the `rhilev.midlev.rtename.RKD2PRF` library

Output line

```
<value> +
```

**In the Configuration Tool (ICAT)**

**Panel name**

DB2 Libraries

**Panel ID**

KD261P0

**Panel field**

DB2 Version 12

**Default value**

None

**Batch parameter name**

`KD2_OMPE_DB2LOADLIB_V12`

**PARMGEN name**

`GBL_DSN_DB2_LOADLIB_V12`

**PARMGEN classification**

DB2
GBL_DSN_DB2_RUNLIB_V10

Run library for DB2 Version 10

Description

The name of the dataset in which the DB2 RUNLIB load modules reside. Specify one DB2 run
library for each DB2 subsystem version that you want to monitor.

This library should contain the modules DSNTIAD and DSNTIAUL to be used to run in batch.
The run library is used to generate GRANT and BIND jobs that prepare the DB2 subsystems for
monitoring. See Complete the configuration for details.

Required or optional
Optional

Default value
DSN.VAR1M0.RUNLIB

Locations where the parameter value is stored

Location 1
In the &O2CINAME member of the rhilev.midlev.rtename.RKD2PAR library

Output line
<value> +

Location 2
In the CRTDB2M member of the rhilev.midlev.rtename.RKD2PRF library

Output line
<value> +

In the Configuration Tool (ICAT)

Panel name
DB2 Libraries

Panel ID
KD261P0

Panel field
DB2 Version 10

Default value
None

Batch parameter name
KD2_OMPE_DB2RUNLIB_V10

PARMGEN name
GBL_DSN_DB2_RUNLIB_V10

PARMGEN classification
DB2
GBL_DSN_DB2_RUNLIB_V1

Run library for DB2 Version 11

Description
The name of the dataset in which the DB2 RUNLIB load modules reside. Specify one DB2 run library for each DB2 subsystem version that you want to monitor.

This library should contain the modules DSNTIAD and DSNTIAUL to be used to run in batch. The run library is used to generate GRANT and BIND jobs that prepare the DB2 subsystems for monitoring. See Complete the configuration for details.

Required or optional
Optional

Default value
None

Locations where the parameter value is stored

Location 1
In the &O2CINAME member of the rhilev.midlev.rtename.RKD2PAR library
Output line
<value> +

Location 2
In the CRTDB2M member of the rhilev.midlev.rtename.RKD2PRF library
Output line
<value> +

In the Configuration Tool (ICAT)

Panel name
DB2 Libraries
Panel ID
KD261P0
Panel field
DB2 Version 11
Default value
None

Batch parameter name
KD2_OMPE_DB2RUNLIB_V11

PARMGEN name
GBL_DSN_DB2_RUNLIB_V11

PARMGEN classification
DB2
GBL_DSN_DB2_RUNLIB_V12

GBL_DSN_DB2_RUNLIB_V12
Run library for DB2 Version 12

Description
The name of the dataset in which the DB2 RUNLIB load modules reside. Specify one DB2 run library for each DB2 subsystem version that you want to monitor.

This library should contain the modules DSNTIAD and DSNTIAUL to be used to run in batch. The run library is used to generate GRANT and BIND jobs that prepare the DB2 subsystems for monitoring. See Complete the configuration for details.

Required or optional
Optional

Default value
None

Locations where the parameter value is stored

Location 1
In the &O2CINAME member of the rhilev.midlev.rtename.RKD2PAR library

Output line
<value> +

Location 2
In the CRTDB2M member of the rhilev.midlev.rtename.RKD2PRF library

Output line
<value> +

In the Configuration Tool (ICAT)

Panel name
DB2 Libraries

Panel ID
KD261P0

Panel field
DB2 Version 12

Default value
None

Batch parameter name
KD2_OMPE_DB2RUNLIB_V12

PARMGEN name
GBL_DSN_DB2_RUNLIB_V12

PARMGEN classification
DB2
**KD2_CLASSIC_DB2ID_DEFAULT**

Default DB2 ID

**Description**

Specify the default DB2 subsystem ID for real-time VTAM mode connection. When you log on to Classic Interface, this is the default DB2 subsystem to be monitored.

With datasharing group support, a new value for the default DB2 ID was introduced NONE. If you specify NONE and log on to Classic Interface, you are routed to the ZRLOG panel that lists all DB2 subsystems with status information and allows you to select the DB2 subsystems that you want to monitor. NONE is used as the default value.

**Required or optional**

Required

**Default value**

NONE

**Locations where the parameter value is stored**

**Location 1**

In the KD2COLLP member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

```
DEFAULT_DB2_SUBSYSTEM(<value>)
```

**Location 2**

In the RVTMssid member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

```
DB2=<value>, !X
```

**Location 3**

In the &O2CINAME member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

```
EXEC RVTM<value>
```

**In the Configuration Tool (ICAT)**

**Panel name**

Classic Interface Information

**Panel ID**

KD261PO

**Panel field**

Default DB2 ID for real-time VTAM mode

**Default value**

NONE

**Batch parameter name**

KD2_CLA_DB2ID_DFLT

**PARMGEN name**

KD2_CLASSIC_DB2ID_DEFAULT

**PARMGEN classification**

CLA
OMEGAMON Collector plan/package owner

Description

The OMEGAMON Collector plan/package owner is the USERID/GROUPID that will be granted the authority to administrate the OMEGAMON Collector, for example to rebind the DB2 packages. This USERID/GROUPID is specified as the OWNER of the OMEGAMON Collector's plan and packages when the plan and the packages are bound.

Required or optional

Required

Default value

DB2PM

Locations where the parameter value is stored

Location 1
In the CRTDB2 member of the rhilev.midlev.rtename.RKD2SAM library

Output line

<value> +

Location 2
In the CRTDB2M member of the rhilev.midlev.rtename.RKD2PRF library

Output line

<value> +

Location 3
In the CRTDB2M member of the rhilev.midlev.rtename.RKD2PRF library

Output line

<value> +

Location 4
In the OMGRssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line

GRANT SELECT ON SYSIBM.SYSINDEXES TO <value>;

Location 5
In the OMGRssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line

GRANT SELECT ON SYSIBM.SYSPACKSTM TO <value>;

Location 6
In the OMGRssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line

GRANT SELECT ON SYSIBM.SYSTABLES TO <value>;

Location 7
In the OMGRssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line

GRANT SELECT ON SYSIBM.SYSSTMT TO <value>;

Location 8
In the OMGRssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line

GRANT SELECT ON SYSIBM.SYSPLAN TO <value>;
Location 9
In the OMGRssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
GRANT SELECT ON SYSIBM.SYSUSERAUTH TO <value>;

Location 10
In the OMGRssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
GRANT PACKADM ON COLLECTION KD2OM510 TO <value>;

Location 11
In the OMGRssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
GRANT SELECT ON SYSIBM.SYSTABLE0SPACE TO <value>;

Location 12
In the OMGRssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
GRANT SELECT ON SYSIBM.SYSSYNONYMS TO <value>;

Location 13
In the OMGRssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
GRANT BINDADD TO <value>;

Location 14
In the OMGRssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
GRANT SELECT ON SYSIBM.SYSDBRM TO <value>;

Location 15
In the OMGRssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
GRANT SELECT ON SYSIBM.SYSPACKAGE TO <value>;

Location 16
In the OMGRssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
GRANT SELECT ON SYSIBM.SYSDATABASE TO <value>;

Location 17
In the OMGRssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
GRANT SELECT ON SYSIBM.SYSSTRINGS TO <value>;

In the Configuration Tool (ICAT)

Panel name
Global Control Parameters

Panel ID
KD261PI

Panel field
OMEGAMON Collector plan/package owner

Default value
DB2PM
Batch parameter name
   KD2_CLA_SEC_AUTH_CLAS

PARMGEN name
   KD2_CLASSIC_DB2PM_PLANPKG_OWNER

PARMGEN classification
   CLA
**KD2_CLASSIC_LROWS**

Number of logical rows

**Description**

LROWS specifies the number of logical rows that are available for the output area on the Classic Interface. The number of logical rows should always be set to a number greater than the number of rows to be displayed on the terminal. The default for LROWS is 255.

Increasing the number of logical rows results in higher storage consumption.

**Required or optional**

Required

**Default value**

255

**Minimum**

99

**Maximum**

9999

**Location where the parameter value is stored**

In the RVTMssid member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

LROWS=<value>, !X

**In the Configuration Tool (ICAT)**

**Panel name**

Classic Interface Information

**Panel ID**

KD261PO

**Panel field**

Number of logical rows (LROWS)

**Default value**

255

**Minimum**

99

**Maximum**

9999

**Batch parameter name**

KD2_CLA_LROWS

**PARMGEN name**

KD2_CLASSIC_LROWS

**PARMGEN classification**

CLA
**KD2_CLASSIC_MVS_SYSID**

**z/OS system ID**

**Description**

The name of the z/OS system that the DB2 subsystem runs on. The z/OS system name that you specify here is used to replace the %SY% variable in data set names. If you specify a data set name for a monitoring profile, for example the name of a Near-Term History VSAM log data set, you can use %SY% as a variable for the z/OS system name. If you enable ‘Add JES2 JOBPARM SYSAFF to jobs’ (KD2_OMPE_SYSAFF), the z/OS system name is used to generate the SYSAFF parameter in the jobcards of the BIND and GRANT jobs generated for the different DB2 subsystems.

**Required or optional**

Required

**Default value**

PARMGEN provided SMFID symbol

**Locations where the parameter value is stored**

**Location 1**

In the CRTDB2 member of the rhilev.midlev.rtename.RKD2SAM library

Output line

/*JOBPARM SYSAFF=<value>

**Location 2**

In the CRTDB2M member of the rhilev.midlev.rtename.RKD2PRF library

Output line

/*JOBPARM SYSAFF=<value>

**Location 3**

In the DB2PROF member of the rhilev.midlev.rtename.RKD2PRF library

Output line

DB2_SYSID=<value>

**In the Configuration Tool (ICAT)**

**Panel name**

Global Control Parameters

**Panel ID**

KD261PI

**Panel field**

z/OS system ID (SMFID)

**Default value**

SYSA

**Batch parameter name**

KD2_CLA_MVS_SYSID

**PARMGEN name**

KD2_CLASSIC_MVS_SYSID

**PARMGEN classification**

CLA
KD2_CLASSIC_UMAX

Maximum number of users

Description

UMAX specifies the maximum number of concurrent sessions the collector can support. The default is 99.

Make sure that you specify enough sessions to support all menusystem and OMEGAVIEW sessions for multiple DB2 subsystems.

Required or optional

Required

Default value

99

Minimum
1

Maximum
99

Location where the parameter value is stored

In the RVTMssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line

UMAX=<value>, !X

In the Configuration Tool (ICAT)

Panel name

Classic Interface Information

Panel ID

KD261PO

Panel field

Maximum number of users (UMAX)

Default value

99

Minimum
1

Maximum
99

Batch parameter name

KD2_CLA_UMAX

PARMGEN name

KD2_CLASSIC_UMAX

PARMGEN classification

CLA
KD2_CLASSIC_USER_PROFILE

Profile ID

Description
USER specifies the 2-character profile ID that is to be used for the Classic Interface session. A default profile with the profile ID #P is provided by IBM.

In the profile the configuration options for the ClassicInterface session are specified. You can create a customized profile. To create a new profile, log on to the Classic Interface, modify the selected profile options and save the adjusted profile specifying a 2-character profile ID. If the profile you specified for USER does not exist, the Classic Interface uses the default profile /C for the logon. So you can specify a profile ID for USER now and create the new profile at the first logon to Classic Interface.

Required or optional
Required

Default value
#P

Location where the parameter value is stored
In the RVTMssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
USER=<value>, #P

In the Configuration Tool (ICAT)

Panel name
Classic Interface Information

Panel ID
KD261PO

Panel field
Profile ID (USER)

Default value
#P

Batch parameter name
KD2_CLA_USER

PARMGEN name
KD2_CLASSIC_USER_PROFILE

PARMGEN classification
CLA
KD2_CLASSIC_VTAM_APPL_LOGON

Classic VTAM logon applid

Description
This specifies a 1-to-8 character name, that will define OBVTAM as an application to VTAM.

Required or optional
Required

Default value
%RTE_VTAM_APPLID_PREFIX%D2C

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

Output line
KD2_CLA_VTM_APPL_LOGON!<value>

In the Configuration Tool (ICAT)

Panel name
Classic Interface Information

Panel ID
KD261PO

Panel field
Classic logon

Default value
None

Batch parameter name
KD2_CLA_VTM_APPL_LOGON

PARMGEN name
KD2_CLASSIC_VTAM_APPL_LOGON

PARMGEN classification
CLA
KD2_CLASSIC_VTAM_NODE

Classic VTAM major node

**Description**

This specifies the OBVTAM application major node name.

This name is used as the member name to create the OBVTAM VTAM definition in the RKD2SAM library. This member must be moved to SYS1.VTAMLST.

**Required or optional**

Required

**Default value**

%RTE_VTAM_APPLID_PREFIX%D2N2

**Location where the parameter value is stored**

This value is not stored in a configuration member.

**In the Configuration Tool (ICAT)**

- **Panel name**
  
  Classic Interface Information

- **Panel ID**

  KD261PO

- **Panel field**

  Major node

- **Default value**

  None

**Batch parameter name**

KD2_CLA_VTM_NODE

**PARMGEN name**

KD2_CLASSIC_VTAM_NODE

**PARMGEN classification**

CLA
KD2_OMPE_AUTH_FAIL

Authorization failure

Description

Used to specify whether authorization fail events data collection is started.

Required or optional

Optional (Required in case KD2_OMPE_DB2_EVENT is set to Y)

Default value

N

Permissible values

Y, N

Location where the parameter value is stored

In the OMPEMSTR member of the rhilev.midlev.rtename.RKD2PAR library

Output line

EVENTAUTHFAIL=<value>

In the Configuration Tool (ICAT)

Panel name

DB2 Event Exception Processing

Panel ID

KD261PG

Panel field

Authorization failure

Default value

Y

Permissible values

Y, N

Batch parameter name

KD2_OMPE_AUTH_FAIL

PARMGEN name

KD2_OMPE_AUTH_FAIL

PARMGEN classification

OMPE
**KD2_OMPE_AUTODETECT**

Enable autom. DB2 subsystem detection

**Description**

This feature is part of the OMEGAMON Collector PESERVER subtask. If activated, all active DB2 subsystems in the LPAR are detected automatically, regardless of whether the DB2 subsystem has been explicitly configured during the configuration process or not. You can activate or deactivate this feature:

- **Y** Automatic detection is activated. Detection of all active DB2 subsystems starts automatically.
- **N** Automatic detection is deactivated. Only the DB2 subsystems that are explicitly configured are monitored.

If a DB2 subsystem has been detected automatically but has not been configured so far, monitoring is not possible because required bind and grant jobs have not been submitted. Error messages are written to the job log. To enable monitoring the subsystem must be configured as usual with PARMGEN to create the required jobs. The configuration steps of Complete the Configuration must be executed.

**Required or optional**

- Required

**Default value**

- N

**Permissible values**

- Y, N

**Location where the parameter value is stored**

In the OMPEMSTR member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

`AUTODETECT=<value>`

**In the Configuration Tool (ICAT)**

- Panel name: OMEGAMON Collector Information
- Panel ID: KD261PN
- Panel field: Automatic DB2 subsystem monitoring
- **Default value**
  - Y
- **Permissible values**
  - Y, N

**Batch parameter name**

KD2_OMPE_AUTODETECT

**PARMGEN name**

KD2_OMPE_AUTODETECT

**PARMGEN classification**

OMPE
**KD2_OMPE_CCPC_TIMER**

TEMA connection timeout interval

**Description**

This timeout interval is used to control the amount of time that a TEMA connect or TEMA collect call remains pending while collecting the data from a target DB2 subsystem is not completed. The TEMA is notified when the call exceeds the specified timeout interval. Specify a value in the range of 0010-0300. 0010 represents ten seconds and 0300 represents three minutes.

**Required or optional**

Required

**Default value**

0030

**Minimum**

0010

**Maximum**

0300

**Locations where the parameter value is stored**

Location 1

In the OMPECCPC member of the *rhilev.midlev.rtename*.RKD2PAR library

**Output line**

START COMM Coll,PARM=(TRACE=YES,STIMER=00<value>.00,SLX=REUSE)

Location 2

In the OMPECCPC member of the *rhilev.midlev.rtename*.RKD2PAR library

**Output line**

START COMM Coll,PARM=(TRACE=NO,STIMER=00<value>.00,SLX=REUSE)

**In the Configuration Tool (ICAT)**

**Panel name**

OMEGAMON Collector Information

**Panel ID**

KD261PN

**Panel field**

TEMA connection timeout interval

**Default value**

0030

**Minimum**

0010

**Maximum**

0300

**Batch parameter name**

KD2_OMPE_CCPC_TIMER

**PARMGEN name**

KD2_OMPE_CCPC_TIMER

**PARMGEN classification**

OMPE
**KD2_OMPE_CCPC_TRACE**

TEMA connection trace

**Description**

Enables tracing of the status of OMEGAMON XE for DB2 Agent (TEMA) connect, collect, and disconnect calls. Specify one of the following values:

- **Y**: Trace messages are written to the joblog of the OMEGAMON Collector.
- **N**: No trace messages on the TEMA connection status are written to the OMEGAMON Collector joblog.

**Required or optional**

Required

**Default value**

**N**

**Permissible values**

**Y**, **N**

**Location where the parameter value is stored**

This value is not stored in a configuration member.

**In the Configuration Tool (ICAT)**

- **Panel name**: OMEGAMON Collector Information
- **Panel ID**: KD261PN
- **Panel field**: TEMA connection trace
- **Default value**: **N**
- **Permissible values**: **Y**, **N**

**Batch parameter name**

KD2_OMPE_CCPC_TRACE

**PARMGEN name**

KD2_OMPE_CCPC_TRACE

**PARMGEN classification**

OMPE
KD2_OMPE_CF_REBUILT

CF rebuilt

Description

Used to specify whether coupling facility rebuild data collection is started.

Required or optional

Optional (Required in case KD2_OMPE_DB2_EVENT is set to Y)

Default value

N

Permissible values

Y, N

Location where the parameter value is stored

In the OMPEMSTR member of the rhilev.midlev.rtname.RKD2PAR library

Output line

EVENTCFREBUILD=<value>

In the Configuration Tool (ICAT)

Panel name

DB2 Event Exception Processing

Panel ID

KD261PG

Panel field

CF rebuilt

Default value

Y

Permissible values

Y, N

Batch parameter name

KD2_OMPE_CF_REBUILT

PARMGEN name

KD2_OMPE_CF_REBUILT

PARMGEN classification

OMPE
Use this RTE as a model for several LPARs:

- **Y**: You can specify DB2 subsystems in this RTE that run on different LPARs. Specify the respective z/OS system ID (SMFID) for each DB2 subsystem. When you later submit the 'Create DB2 runtime members' job, this configuration job checks on which LPAR it is executed and only generates the runtime members for the configured DB2 subsystems that run on this LPAR.

- **N**: You configure only DB2 subsystems in this RTE that run on one LPAR. You don't have to specify a z/OS system ID (SMFID) for each DB2 subsystem.

**Required or optional**
- Required

**Default value**
- N

**Permissible values**
- Y, N

**Location where the parameter value is stored**
- In the CRTDB2M member of the rhilev.midlev.rtename.RKD2PRF library

**Output line**
- `<value> +`

**In the Configuration Tool (ICAT)**

- **Panel name**: Global Control Parameters
- **Panel ID**: KD261PI
- **Panel field**: Use this RTE as a model
- **Default value**: N
- **Permissible values**: Y, N

**Batch parameter name**: KD2_OMPE_CHECKSYS

**PARMGEN name**: KD2_OMPE_CHECKSYS

**PARMGEN classification**: OMPE
KD2_OMPE_CPU_PARALLEL

Enable CPU Parallelism

Description
Used to enable or disable the collection of query CPU parallelism data. Specify one of the following values:

- **Y**: Query CP parallelism data is to be collected.
- **N**: Query CP parallelism data is not to be collected.

Required or optional
Required

Default value
N

Permissible values
Y, N

Location where the parameter value is stored
In the OMPEMSTR member of the rhilev.midlev.rtename.RKD2PAR library

Output line
COLLECTCPUPARALLEL=<value>

In the Configuration Tool (ICAT)

Panel name
CPU Parallelism

Panel ID
KD261PF

Panel field
Enable CPU Parallelism data collection

Default value
N

Permissible values
Y, N

Batch parameter name
KD2_OMPE_CPU_PARALLEL

PARMGEN name
KD2_OMPE_CPU_PARALLEL

PARMGEN classification
OMPE
**KD2_OMPE_DB2_EVENT**

Enable Event Exception Processing

**Description**

Used to specify whether DB2 event data is to be collected. Specify one of the following values:

- **Y**: DB2 event data is collected.
- **N**: DB2 event data is not collected.

**Required or optional**

Required

**Default value**

N

**Permissible values**

Y, N

**Location where the parameter value is stored**

In the OMPEMSTR member of the rhilev,midlev,rtename,RKD2PAR library

**Output line**

`EVENTOBSERVATION=<value>`

**In the Configuration Tool (ICAT)**

**Panel name**

DB2 Event Exception Processing

**Panel ID**

KD261PG

**Panel field**

Enable DB2 event exception processing

**Default value**

N

**Permissible values**

Y, N

**Batch parameter name**

KD2_OMPE_DB2_EVENT

**PARMGEN name**

KD2_OMPE_DB2_EVENT

**PARMGEN classification**

DB2
KD2_OMPE_DB2_EXIT

Use DB2 authorization exit

Description

This specifies whether the DB2 authorization exit is called.

Required or optional

Required

Default value

N

Permissible values

Y, N

Location where the parameter value is stored

In the OMPEMSTR member of the rhilev.midlev.rtename.RKD2PAR library

Output line

USEDB2AUTHEXIT=<value>

In the Configuration Tool (ICAT)

Panel name

OMEGAMON Collector Information

Panel ID

KD261PN

Panel field

Use DB2 authorization exit

Default value

N

Permissible values

Y, N

Batch parameter name

KD2_OMPE_DB2_EXIT

PARMGEN name

KD2_OMPE_DB2_EXIT

PARMGEN classification

DB2
Enable OMEGAMON Collector user exit

Description
Used to specify whether the user exit routine DGOVUUAE provided by OMEGAMON XE for DB2 PE shall be used. Specify one of the following values:

Y  The user-modifiable exit routine DGOVUUAE is called.
N  The user-modifiable exit is not called.

Required or optional
Required

Default value
N

Permissible values
Y, N

Location where the parameter value is stored
In the OMPEMSTR member of the rhilev.midlev.rtename.RKD2PAR library

Output line
USEUSERAUTHEXIT=<value>

In the Configuration Tool (ICAT)

Panel name
OMEGAMON Collector Information

Panel ID
KD261PN

Panel field
Enable OMEGAMON Collector user exit

Default value
N

Permissible values
Y, N

Batch parameter name
KD2_OMPE_DB2_USER

PARMGEN name
KD2_OMPE_DB2_USER

PARMGEN classification
DB2
KD2_OMPE_DEADLOCK

Description
Used to specify whether deadlock events data collection is started.

Required or optional
Optional (Required in case KD2_OMPE_DB2_EVENT is set to Y)

Default value
N

Permissible values
Y, N

Location where the parameter value is stored
In the OMPEMSTR member of the rhilev.midlev.ritename.RKD2PAR library

Output line
EVENTDEADLOCK=<value>

In the Configuration Tool (ICAT)
Panel name
DB2 Event Exception Processing

Panel ID
KD261PG

Panel field
Deadlock

Default value
Y

Permissible values
Y, N

Batch parameter name
KD2_OMPE_DEADLOCK

PARMGEN name
KD2_OMPE_DEADLOCK

PARMGEN classification
OMPE
HLQ for OM Collector datasets

Description
This parameter specifies the high-level qualifier for the data sets that are allocated by the OMEGAMON Collector.

The default value is generated from the high-level qualifier and the mid-level qualifier that you specified for your RTE.

Required or optional
Required

Default value
%RTE_HILEV%.%RTE_NAME%

Locations where the parameter value is stored

Location 1
In the OMPEMSTR member of the rhilev.midlev.rttename.RKD2PAR library
Output line
VDATASERVERHLQ=<value>

Location 2
In the OMPEMSTR member of the rhilev.midlev.rttename.RKD2PAR library
Output line
DATASERVERHLQ=<value>

Location 3
In the OMDDssid member of the rhilev.midlev.rttename.RKD2SAM library
Output line
DEFINE CLUSTER(NAME(<value>\%DB\%.HISTORY) -

Location 4
In the OMDDssid member of the rhilev.midlev.rttename.RKD2SAM library
Output line
DELETE (<value>\%DB\%.HISTORY) CLUSTER

In the Configuration Tool (ICAT)

Panel name
OMEGAMON Collector Information

Panel ID
KD261PN

Panel field
High-level Qualifier

Default value
None

Batch parameter name
KD2_OMPE_DSHLQ

PARMGEN name
KD2_OMPE_DSHLQ

PARMGEN classification
OMPE
**KD2_OMPE_DSN_EXTENT**

**Data set extent**

**Description**

Used to specify whether data set extension events data collection is started.

**Required or optional**

Optional (Required in case KD2_OMPE_DB2_EVENT is set to Y)

**Default value**

N

**Permissible values**

Y, N

**Location where the parameter value is stored**

In the OMPEMSTR member of the `rhllev.midlev.rittenme.RKD2PAR library`

**Output line**

`EVENTDSEXTENT=<value>`

**In the Configuration Tool (ICAT)**

**Panel name**

DB2 Event Exception Processing

**Panel ID**

KD261PG

**Panel field**

Data set extent

**Default value**

Y

**Permissible values**

Y, N

**Batch parameter name**

KD2_OMPE_DSN_EXTENT

**PARMGEN name**

KD2_OMPE_DSN_EXTENT

**PARMGEN classification**

OMPE
KD2_OMPE_DSP_SIZE

Data Space size

Description

Used to specify the size of the CCP data space. The value is the data space size in megabytes. This data space is needed when query CP parallelism is active. The default is 20.

Required or optional

Optional (Required in case KD2_OMPE_CPU_PARALLEL is set to Y)

Default value

20

Minimum

5

Maximum

50

Location where the parameter value is stored

In the OMPEMSTR member of the rhilev.midlev.rtename.RKD2PAR library

Output line

CCPDATASPACE SIZE=<value>

In the Configuration Tool (ICAT)

Panel name

CPU Parallelism

Panel ID

KD261PF

Panel field

Data space size

Default value

20

Minimum

5

Maximum

50

Batch parameter name

KD2_OMPE_DSP_SIZE

PARMGEN name

KD2_OMPE_DSP_SIZE

PARMGEN classification

OMPE
KD2_OMPE_E2E_MON_SPRT

Enable end-to-end SQL monitoring support

Description

Used to specify whether the end-to-end SQL monitoring support is to be configured. Specify one of the following values:

Y  The end-to-end SQL monitoring support is enabled
N  The end-to-end SQL monitoring support is disabled

Required or optional

Required

Default value

N

Permissible values

Y, N

Location where the parameter value is stored

In the OMPEMSTR member of the rhlev midlev rtename RKD2PAR library

Output line

TCPIP=<value>

In the Configuration Tool (ICAT)

Panel name

Workstation Interface Support

Panel ID

KD261PC

Panel field

Enable end-to-end SQL monitoring support

Default value

N

Permissible values

Y, N

Batch parameter name

KD2_OMPE_E2E_MON_SPRT

PARMGEN name

KD2_OMPE_E2E_MON_SPRT

PARMGEN classification

OMPE
**KD2_OMPE_EDMP_FULL**

**EDM pool full**

**Description**

Used to specify whether EDM events data collection is started.

**Required or optional**

Optional (Required in case KD2_OMPE_DB2_EVENT is set to Y)

**Default value**

N

**Permissible values**

Y, N

**Location where the parameter value is stored**

In the OMPEMSTR member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

`EVENTEDMPOOL=<value>`

**In the Configuration Tool (ICAT)**

**Panel name**

DB2 Event Exception Processing

**Panel ID**

KD261PG

**Panel field**

EDM pool full

**Default value**

Y

**Permissible values**

Y, N

**Batch parameter name**

KD2_OMPE_EDMP_FULL

**PARMGEN name**

KD2_OMPE_EDMP_FULL

**PARMGEN classification**

OMPE
**KD2_OMPE_EXTENT_THOLD**

Data set extent threshold

**Description**

Used to specify the number of extensions that must be exceeded before an extent threshold exception is reported.

**Required or optional**

Optional (Required in case KD2_OMPE_DB2_EVENT is set to Y)

**Default value**

200

**Minimum**

1

**Maximum**

200

**Location where the parameter value is stored**

In the OMPEMSTR member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

EVENTDSEXTENTQUAL=<value>

**In the Configuration Tool (ICAT)**

**Panel name**

DB2 Event Exception Processing

**Panel ID**

KD261PG

**Panel field**

Data set extent threshold

**Default value**

200

**Minimum**

1

**Maximum**

200

**Batch parameter name**

KD2_OMPE_EXTENT_THOLD

**PARMGEN name**

KD2_OMPE_EXTENT_THOLD

**PARMGEN classification**

OMPE
Global trace started

Description

Used to specify whether all entered DB2 commands collection is started.

Required or optional

Optional (Required in case KD2_OMPE_DB2_EVENT is set to Y)

Default value

N

Permissible values

Y, N

Location where the parameter value is stored

In the OMPEMSTR member of the rhilev,midlev,rtename,RKD2PAR library

Output line

EVENTGLBLTRACE=<value>

In the Configuration Tool (ICAT)

Panel name

DB2 Event Exception Processing

Panel ID

KD261PG

Panel field

Global trace started

Default value

Y

Permissible values

Y, N

Batch parameter name

KD2_OMPE_GLOBAL_TRACE

PARMGEN name

KD2_OMPE_GLOBAL_TRACE

PARMGEN classification

OMPE
KD2_OMPE_GRANT_AGUSER

User ID/group ID for PWGA grant job

Description
Set the user for the RACF userid/groupid in PWGAssid grant job in xKD2SAM DB2 job.

Required or optional
Required

Default value
%aguser%

Location where the parameter value is stored
In the PWGAssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
<value>;

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

Batch parameter name
KD2_OMPE_GRANT_AGUSER

PARMGEN name
KD2_OMPE_GRANT_AGUSER

PARMGEN classification
OMPE
KD2_OMPE_GRANT_EXUSER

User ID/group ID for EXGP grant job

Description

Set the user for the RACF userid/groupid in EXGPssid grant job in xKD2SAM DB2 job.

Required or optional

Required

Default value

%exuser%

Location where the parameter value is stored

In the EXGPssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line

<value>;

In the Configuration Tool (ICAT)

This value cannot be updated using the Configuration Tool.

Batch parameter name

KD2_OMPE_GRANT_EXUSER

PARMGEN name

KD2_OMPE_GRANT_EXUSER

PARMGEN classification

OMPE
**KD2_OMPE_GRANT_PEUSER**

User ID/group ID for OMGP grant job

**Description**

Set the user for the RACF userid/groupid in OMGPssid grant job in xKD2SAM DB2 job.

**Required or optional**

Required

**Default value**

%peuser%

**Location where the parameter value is stored**

In the OMGPssid member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

<value>;

**In the Configuration Tool (ICAT)**

This value cannot be updated using the Configuration Tool.

**Batch parameter name**

KD2_OMPE_GRANT_PEUSER

**PARMGEN name**

KD2_OMPE_GRANT_PEUSER

**PARMGEN classification**

OMPE
**User ID/group ID for PWG2 grant job**

**Description**

Set the user for the RACF user/groupid in PWG2ssid grant job in xKD2SAM DB2 job.

**Required or optional**

Required

**Default value**

%pwuser%

**Location where the parameter value is stored**

In the PWG2ssid member of the `rhlev.midlev.rtename.RKD2SAM` library

**Output line**

`<value>;

In the Configuration Tool (ICAT)

This value cannot be updated using the Configuration Tool.

**Batch parameter name**

`KD2_OMPE_GRANT_PWUSER`

**PARMGEN name**

`KD2_OMPE_GRANT_PWUSER`

**PARMGEN classification**

OMPE
**KD2_OMPE_ISPF_LANGUAGE**

ISPF language information

**Description**

Used to specify the ISPF language. The default is ENU.

**Required or optional**

Required

**Default value**

ENU

**Permissible values**

ENU

**Location where the parameter value is stored**

In the FPEJINIT member of the `rhilev.midlev.rtename.RKD2SAM` library

**Output line**

`language = "<value>";`

**In the Configuration Tool (ICAT)**

**Panel name**

ISPF Monitoring Dialogs

**Panel ID**

KD261PH

**Panel field**

ISPF language

**Default value**

ENU

**Permissible values**

ENU

**Batch parameter name**

KD2_OMPE_ISPF_LANG

**PARMGEN name**

KD2_OMPE_ISPF_LANGUAGE

**PARMGEN classification**

OMPE
KD2_OMPE_LOGSPACE

Description

Used to specify whether log space shortage events data collection is started.

Required or optional

Optional (Required in case KD2_OMPE_DB2_EVENT is set to Y)

Default value

N

Permissible values

Y, N

Location where the parameter value is stored

In the OMPEMSTR member of the rhilev.midlev.rtename.RKD2PAR library

Output line

EVENTLOGSPACE=<value>

In the Configuration Tool (ICAT)

Panel name

DB2 Event Exception Processing

Panel ID

KD261PG

Panel field

Logspace shortage

Default value

Y

Permissible values

Y, N

Batch parameter name

KD2_OMPE_LOGSPACE

PARMGEN name

KD2_OMPE_LOGSPACE

PARMGEN classification

OMPE
KD2_OMPE_MAX_SESSIONS

Maximum number of sessions

Description

Used to define the limit of simultaneous PE Client sessions. The specified value is an integer in the range from 0 to 500.

Required or optional

Optional (Required in case KD2_OMPE_PE_SUPPORT is set to Y)

Default value

99

Minimum

10

Maximum

500

Location where the parameter value is stored

In the OMPEMSTR member of the rhilev.midlev.rtename.RKD2PAR library

Output line

MAXSESSION=<value>

In the Configuration Tool (ICAT)

Panel name

Workstation Interface Support

Panel ID

KD261PC

Panel field

Maximum number of sessions

Default value

99

Minimum

10

Maximum

500

Batch parameter name

KD2_OMPE_MAX_SESSIONS

PARMGEN name

KD2_OMPE_MAX_SESSIONS

PARMGEN classification

OMPE
**Management Class for non-VSAM**

**Description**

Used to specify a management class used for the allocation of all non-VSAM data sets created by the OMEGAMON Collector.

**Required or optional**

Optional

**Default value**

%RTE_SMS_MGMTCLAS%

**Locations where the parameter value is stored**

1. In the OMPEMSTR member of the rhilev.midlev.rtename.RKD2PAR library
   
   **Output line**
   
   `VDATASERVERMGMTCLAS='<value>'`

2. In the OMPEMSTR member of the rhilev.midlev.rtename.RKD2PAR library
   
   **Output line**
   
   `DATASERVERMGMTCLAS='<value>'`

**In the Configuration Tool (ICAT)**

**Panel name**

OMEGAMON Collector Information

**Panel ID**

KD261PN

**Panel field**

Mgmtclas

**Default value**

&RTESMGMT

**Batch parameter name**

KD2_OMPE_MGMTCLAS

**PARMGEN name**

KD2_OMPE_MGMTCLAS

**PARMGEN classification**

OMPE
Enable PE Client support

Description
Used to specify whether the Performance Expert Client support is to be configured. Specify one of the following values:

Y  The Performance Expert Client support is enabled
N  The Performance Expert Client support is disabled.

Required or optional
Required

Default value
N

Permissible values
Y, N

Location where the parameter value is stored
In the OMPEMSTR member of the rhilev.midlev.rename.RKD2PAR library

Output line
TCP1P=<value>

In the Configuration Tool (ICAT)

Panel name
Workstation Interface Support

Panel ID
KD261PC

Panel field
Enable Performance Expert Client support

Default value
N

Permissible values
Y, N

Batch parameter name
KD2_OMPE_PE_SUPP0RT

PARMGEN name
KD2_OMPE_PE_SUPP0RT

PARMGEN classification
OMPE
KD2_OMPE_RUNALLOC

Automatic submit of allocation job

Description

Specify whether the 'Create DB2 related runtime members' job should trigger that the 'Allocate runtime datasets' job is submitted. The data set allocation job takes care of allocating all operational data sets required for the enabled functions, for example to collect data for Near-Term History. This job does not overwrite existing operational data sets.

Required or optional

Required

Default value

Y

Permissible values

Y, N

Locations where the parameter value is stored

Location 1

In the CRTDB2 member of the rhilev.midlev.rtename.RKD2SAM library

Output line

<value> +

Location 2

In the CRTDB2M member of the rhilev.midlev.rtename.RKD2PRF library

Output line

<value> +

In the Configuration Tool (ICAT)

Panel name

Global Control Parameters

Panel ID

KD261PI

Panel field

Automatic submit of runtime dataset allocation job

Default value

N

Permissible values

Y, N

Batch parameter name

KD2_OMPE_RUNALLOC

PARMGEN name

KD2_OMPE_RUNALLOC

PARMGEN classification

OMPE
**KD2_OMPE_SHARED_PROFILE_LIB**

**HLQ for the shared profile library**

**Description**

Specify the high-level qualifier of the RTE that you decided to use as the model for this RTE consisting of the High-level qualifier and the name of the model RTE. This parameter is only used if you set 'Use model definitions in this RTE' to Y. In this case all runtime members needed for this RTE are created on the basis of the profile library RKD2PRF library of the model RTE. For this RKD2PRF library you specify the high-level qualifier here.

**Required or optional**

Optional (Required in case KD2_OMPE_USE_MODEL is set to Y)

**Default value**

None

**Location where the parameter value is stored**

In the CRTDB2 member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

```
<value> +
```

**In the Configuration Tool (ICAT)**

**Panel name**

Global Control Parameters

**Panel ID**

KD261PI

**Panel field**

HLQ of the shared profile library

**Default value**

None

**Batch parameter name**

KD2_OMPE_SHRD_PRFLIB

**PARMGEN name**

KD2_OMPE_SHARED_PROFILE_LIB

**PARMGEN classification**

OMPE
**Description**

Used to specify a storage class used for the allocation of all non-VSAM data sets created by the OMEGAMON Collector.

**Required or optional**

Optional

**Default value**

%RTE_SMS_STORCLAS%

**Locations where the parameter value is stored**

**Location 1**

In the OMPEMSTR member of the rhilev midlev rtename.RKD2PAR library

Output line

VDATASERVERSTORCLAS='<value>'

**Location 2**

In the OMPEMSTR member of the rhilev midlev rtename.RKD2PAR library

Output line

DATASERVERSTORCLAS='<value>'

**In the Configuration Tool (ICAT)**

**Panel name**

OMEGAMON Collector Information

**Panel ID**

KD261PN

**Panel field**

Storclas

**Default value**

&RTESTOR

**Batch parameter name**

KD2_OMPE_STOCLAS

**PARMGEN name**

KD2_OMPE_STOCLAS

**PARMGEN classification**

OMPE
OMPE/XCF Data Space Size DSPSIZE

**Description**

Defines the size in megabytes of the OMPE/XCF member data space. The data space is used by the OMPE/XCF component to hold the response data received from other members of the same LPAR or remote LPAR. Specify a size in multiples of 128M for up to a maximum of 2048M.

**Required or optional**

Required

**Default value**

128

**Minimum**

128

**Maximum**

2048

**Location where the parameter value is stored**

In the OMPE00 member of the rhilevel.midlevel.rtename.RKD2PAR library

**Output line**

DSPSIZE=<value>.M

**In the Configuration Tool (ICAT)**

**Panel name**

OMEGAMON Collector Subsystem Information

**Panel ID**

KD261PA

**Panel field**

OMPE/XCF Data Space Size

**Default value**

128

**Minimum**

128

**Maximum**

2048

**Batch parameter name**

KD2_OMPE_SUB_D2PADASP

**PARMGEN name**

KD2_OMPE_SUB_D2PADASP

**PARMGEN classification**

DB2
OMPE/XCF Group name XCFGROUP

Description

Defines the default cross-coupling facility XCF group name. This group name is used by the OMPE subsystem to initialize the OMPE/XCF environment used by the OMPE Collector subsystem. You can specify any name in the range of 1 to 8 characters. The specified name must conform to XCF group naming standards.

When the XCF group name has a prefix of OMPE it is internally changed to O5PE. To prevent the rename, specify a different 4 to 5-character prefix. For example: OMEGAXCF for all OMPE Collectors that communicate via the XCF gateway with one another.

Required or optional

Required

Default value

OMPEXCF

Location where the parameter value is stored

In the OMPE00 member of the rhilev.midlev.rtename.RKD2PAR library

Output line

XCFGROUP=<value>

In the Configuration Tool (ICAT)

Panel name

OMEGAMON Collector Subsystem Information

Panel ID

KD261PA

Panel field

OMPE/XCF Group name

Default value

OMPEXCF

Batch parameter name

KD2_OMPE_SUB_D2PAGRPN

PARMGEN name

KD2_OMPE_SUB_D2PAGRPN

PARMGEN classification

DB2
**OMPE/XCF Receive Tasks XCFTASKS**

**Description**

Defines the number of XCF receive tasks that are to be attached as subtasks of the OMPE/XCF component task. These tasks are used by the OMPE/XCF component to process data receive requests from other members of the specified OMPE/XCF group. You can specify a number in the range of 02 to 16.

**Required or optional**

Required

**Default value**

6

**Minimum**

2

**Maximum**

16

**Location where the parameter value is stored**

In the OMPE00 member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

XCFTASKS=<value>

**In the Configuration Tool (ICAT)**

**Panel name**

OMEGAMON Collector Subsystem Information

**Panel ID**

KD261PA

**Panel field**

OMPE/XCF Data Space Size

**Default value**

6

**Minimum**

2

**Maximum**

16

**Batch parameter name**

KD2_OMPE_SUB_D2PARCVT

**PARMGEN name**

KD2_OMPE_SUB_D2PARCVT

**PARMGEN classification**

DB2
**SSI timer value SSITIMER**

**Description**

Defines the subsystem interface SSI loop detection timer in seconds. You can specify a timer in the range of 1 to 99 seconds. This timer value is used by the OMPE subsystem timer services component to measure the elapsed time an SSI function routine EOT, EOM, CMD, WTO executes. When the specified timer value is exceeded, the SSI broadcast function is abnormally terminated.

**Required or optional**

Required

**Default value**

30

**Minimum**

1

**Maximum**

99

**Location where the parameter value is stored**

In the OMPE00 member of the `rhilev.midlev.rtename.RKD2PAR` library

**Output line**

`SSITIMER=<value>`

**In the Configuration Tool (ICAT)**

**Panel name**

OMEGAMON Collector Subsystem Information

**Panel ID**

KD261PA

**Panel field**

SSI timer value

**Default value**

30

**Minimum**

1

**Maximum**

99

**Batch parameter name**

KD2_OMPE_SUB_D2PASSIT

**PARMGEN name**

KD2_OMPE_SUB_D2PASSIT

**PARMGEN classification**

DB2
OMPE TCMD Security Option

Description

 Defines whether DB2 CANCEL THREAD command issued under user or task authority. If TCMDSECU=STC the CANCEL THREAD command will use the OMEGAMON started task authorization to issue the CANCEL command.

 If TCMDSECU=USER the signed on user's authorization will be used.

 Note: If the Classic security exit is not in use then the OMEGAMON started task authorization will always be used.

Required or optional

Required

Default value

STC

Permissible values

STC, USER

Location where the parameter value is stored

In the OMPEOPTS member of the rhilev.midlev.rtemame.RKD2PAR library

Output line

TCMDSECU=<value>

In the Configuration Tool (ICAT)

Panel name

OMEGAMON Collector Subsystem Information

Panel ID

KD261PA

Panel field

OMPE TCMD Security Option

Default value

STC

Permissible values

STC, USER

Batch parameter name

KD2_OMPE_SUB_D2PATSEC

PARMGEN name

KD2_OMPE_SUB_D2PATSEC

PARMGEN classification

DB2
OMPE/XCF Timer Value XCFTIMER

Description
Defines the OMPE/XCF component SEND service request execution timer in seconds. You can specify a timer in the range of 01 to 99 seconds. This timer value is used by the OMPE/XCF component to measure the elapsed time a SEND service request executes. When the specified timer value is exceeded, the SEND service request is abnormally terminated.

Required or optional
Required

Default value
30

Minimum
1

Maximum
99

Location where the parameter value is stored
In the OMPE00 member of the rhilev midlev .rtename .RKD2PAR library

Output line
XCFTIMER=<value>

In the Configuration Tool (ICAT)

Panel name
OMEGAMON Collector Subsystem Information

Panel ID
KD261PA

Panel field
OMPE/XCF Timer value

Default value
30

Minimum
1

Maximum
99

Batch parameter name
KD2_OMPE_SUB_D2PAXCFT

PARMGEN name
KD2_OMPE_SUB_D2PAXCFT

PARMGEN classification
DB2
**KD2_OMPE_SYSAFF**

Add JES2 JOBP ARM SYSAFF to job

**Description**

Specify whether you want to have the JES2 JOBPARM SYSAFF added to the generated DB2 related jobs. These jobs perform BIND or GRANT SQL statements on a specific DB2 subsystem and therefore have to be executed on the z/OS system where the respective DB2 subsystem runs on. This can be useful, for example if you want to install OMEGAMON XE for DB2 PE on several LPARs with shared DASD. See the Configuration and Customization Guide for details on different rollout scenarios. Furthermore if you set 'Use as model RTE for several LPARs' to 'Y' then the SYSAFF JOBPARM is also added to the 'Create DB2 related runtime members DB2 related' job.

**Required or optional**

Required

**Default value**

N

**Permissible values**

Y, N

**Locations where the parameter value is stored**

<table>
<thead>
<tr>
<th>Location 1</th>
<th>In the CRTDB2 member of the rhilev.midlev.rtename.RKD2SAM library</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output line</td>
<td>&lt;value&gt; +</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location 2</th>
<th>In the CRTDB2M member of the rhilev.midlev.rtename.RKD2PRF library</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output line</td>
<td>&lt;value&gt; +</td>
</tr>
</tbody>
</table>

**In the Configuration Tool (ICAT)**

**Panel name**

Global Control Parameters

**Panel ID**

KD261PI

**Panel field**

Add JES2 JOBPARM sysaff to jobs

**Default value**

N

**Permissible values**

Y, N

**Batch parameter name**

KD2_OMPE_SYSAFF

**PARMGEN name**

KD2_OMPE_SYSAFF

**PARMGEN classification**

OMPE
KD2_OMPE_TCPIP_ADDRESS

IP address

Description
Used to specify the IP address for OMEGAMON XE for DB2 PE to accept incoming requests. An IP host can have several IP addresses. In IP terms, such a host is called a multi homed host. To accept incoming requests on all available network interfaces, you must set this value to zeros 0.0.0.0.

Required or optional
Optional (Required in case KD2_OMPE_E2E_MON_SPRT,KD2_OMPE_PE_SUPPORT is set to Y)

Default value
0.0.0.0

Location where the parameter value is stored
In the OMPEMSTR member of the rhilev.midlev.rtename.RKD2PAR library

Output line
IPADDRESS=<value>

In the Configuration Tool (ICAT)

Panel name
Workstation Interface Support

Panel ID
KD261PC

Panel field
IP address

Default value
0.0.0.0

Batch parameter name
KD2_OMPE_TCPIP_ADDRESS

PARMGEN name
KD2_OMPE_TCPIP_ADDRESS

PARMGEN classification
TCP
KD2_OMPE_TCPIP_NAME

TCP/IP name

Description

Used to specify the name of the TCP/IP address space you want to connect to. The specified value must be one to eight characters.

Required or optional

Optional (Required in case KD2_OMPE_E2E_MON_SPRT,KD2_OMPE_PE_SUPPORT is set to Y)

Default value

TCP/IP

Location where the parameter value is stored

In the OMPEMSTR member of the rhilev.midlev.rtename.RKD2PAR library

Output line

TCPNAME=<value>

In the Configuration Tool (ICAT)

Panel name

Workstation Interface Support

Panel ID

KD261PC

Panel field

TCP/IP name

Default value

TCP/IP

Batch parameter name

KD2_OMPE_TCPIP_NAME

PARMGEN name

KD2_OMPE_TCPIP_NAME

PARMGEN classification

TCP
**KD2_OMPE_THREAD_COMMIT**

Thread commit indoubt

**Description**

Used to specify whether Thread commit indoubt events data collection is started.

**Required or optional**

Optional (Required in case KD2_OMPE_DB2_EVENT is set to Y)

**Default value**

N

**Permissible values**

Y, N

**Location where the parameter value is stored**

In the OMPEMSTR member of the rhilev.midlev.rtiename.RKD2PAR library

**Output line**

EVENTDDF=<value>

**In the Configuration Tool (ICAT)**

**Panel name**

DB2 Event Exception Processing

**Panel ID**

KD261PG

**Panel field**

Thread commit indoubt

**Default value**

Y

**Permissible values**

Y, N

**Batch parameter name**

KD2_OMPE_THREAD_COMMIT

**PARMGEN name**

KD2_OMPE_THREAD_COMMIT

**PARMGEN classification**

OMPE


**KD2_OMPE_TIMEOUT**

Timeout

**Description**

Used to specify whether timeout events data collection is started.

**Required or optional**

Optional (Required in case KD2_OMPE_DB2_EVENT is set to Y)

**Default value**

\( N \)

**Permissible values**

\( Y, N \)

**Location where the parameter value is stored**

In the OMPERMSTR member of the \textit{rhilev.midlev.rintame.RKD2PAR} library

**Output line**

\texttt{EVENTTIMEOUT=<value>}

**In the Configuration Tool (ICAT)**

**Panel name**

DB2 Event Exception Processing

**Panel ID**

KD261PG

**Panel field**

Timeout

**Default value**

\( Y \)

**Permissible values**

\( Y, N \)

**Batch parameter name**

KD2_OMPE_TIMEOUT

**PARMGEN name**

KD2_OMPE_TIMEOUT

**PARMGEN classification**

OMPE
KD2_OMPE_TRACE_LEVEL

OMEGAMON Collector trace level

Description

Used to specify trace level for the OMEGAMON XE for DB2 PE internal traces. Specify an integer value in the range from 0 to 127. Trace level 0 means internal tracing is not performed.

Required or optional

Required

Default value

0

Minimum

0

Maximum

8191

Location where the parameter value is stored

In the OMPEMSTR member of the rhilev.midlev.rtename.RKD2PAR library

Output line

TRACELEVEL=<value>

In the Configuration Tool (ICAT)

Panel name

OMEGAMON Collector Information

Panel ID

KD261PN

Panel field

OMEGAMON Collector trace level

Default value

0

Minimum

0

Maximum

8191

Batch parameter name

KD2_OMPE_TRACE_LEVEL

PARMGEN name

KD2_OMPE_TRACE_LEVEL

PARMGEN classification

OMPE
KD2_OMPE_UNIT

Unit for non-VSAM

Description

Used to specify the storage device that is to be used for all non-VSAM data sets created by the OMEGAMON Collector. This parameter is ignored, if OMEGAMON XE for DB2 PE runs on a system managed by SMS.

Since SMS can be implemented in different ways, the Configuration tool does not attempt to validate these parameters. The dataset allocation jobs will use all parameters that you enter.

Required or optional
Optional

Default value
%RTE_SMS_UNIT%

Location where the parameter value is stored
In the OMPEMSTR member of the rhlev.midlev.rtype.RE<ityPAR library

Output line
DATASERVERUNIT='<value>'

In the Configuration Tool (ICAT)

Panel name
OMEGAMON Collector Information

Panel ID
KD261PN

Panel field
Unit

Default value
&RTEU

Batch parameter name
KD2_OMPE_UNIT

PARMGEN name
KD2_OMPE_UNIT

PARMGEN classification
OMPE
**KD2_OMPE_UR**

**Unit of recovery problem**

**Description**

Used to specify whether unit of recovery events data is started.

**Required or optional**

Optional (Required in case KD2_OMPE_DB2_EVENT is set to Y)

**Default value**

N

**Permissible values**

Y, N

**Location where the parameter value is stored**

In the OMPEMSTR member of the rhilev.midlev.rename.RKD2PAR library

**Output line**

EVENTURPROBLEM=<value>

**In the Configuration Tool (ICAT)**

**Panel name**

DB2 Event Exception Processing

**Panel ID**

KD261PG

**Panel field**

Unit of recovery problem

**Default value**

Y

**Permissible values**

Y, N

**Batch parameter name**

KD2_OMPE_UR

**PARMGEN name**

KD2_OMPE_UR

**PARMGEN classification**

OMPE
KD2_OMPE_USE_MODEL

Use model definitions in this RTE

Description
Specify whether you want to use the DB2 subsystem definitions that are configured in a model RTE 'Use this RTE as a as a model' is set to Y different from this RTE. In the model RTE all the DB2 subsystems are configured that you want to monitor with the OMEGAMON Collector running from this RTE. All the configuration information that you need for the DB2 subsystem related runtime members is created in the profile library RKD2PRF of the model RTE. By submitting the job CRTDB2 in rhlev.midlev.rename.RKD2SAM all runtime members needed for this RTE are created on the basis of the RKD2PRF library of the model RTE. The CRTDB2 job is generated by the 'Create runtime members OMEGAMON Collector/UI' job.

Required or optional
Required

Default value
N

Permissible values
Y, N

Location where the parameter value is stored
This value is not stored in a configuration member.

In the Configuration Tool (ICAT)

Panel name
Global Control Parameters

Panel ID
KD261PI

Panel field
Use model definitions in this RTE

Default value
N

Permissible values
Y, N

Batch parameter name
KD2_OMPE_USE_MODEL

PARMGEN name
KD2_OMPE_USE_MODEL

PARMGEN classification
OMPE
KD2_OMPE_VOLUME

KD2_OMPE_VOLUME

Volser for non-VSAM

Description

Used to specify a volume serial number that is used for all non-VSAM data sets created by the OMEGAMON Collector. This parameter is ignored, if OMEGAMON XE for DB2 PE runs on a system managed by SMS.

Since SMS can be implemented in different ways, the Configuration tool does not attempt to validate these parameters. The dataset allocation jobs will use all parameters that you enter.

Required or optional

Optional

Default value

%RTE_SMS_VOLUME%

Locations where the parameter value is stored

Location 1

In the OMPEMSTR member of the rhilev.midlev.rtename.RKD2PAR library

Output line

VDATASERVERVOLUME='<value>'

Location 2

In the OMPEMSTR member of the rhilev.midlev.rtename.RKD2PAR library

Output line

DATASERVERVOLUME='<value>'

In the Configuration Tool (ICAT)

Panel name

OMEGAMON Collector Information

Panel ID

KD261PN

Panel field

Volser

Default value

&RTEV

Batch parameter name

KD2_OMPE_VOLUME

PARMGEN name

KD2_OMPE_VOLUME

PARMGEN classification

OMPE
KD2_OMPE_VSAM_DSHLQ

HLQ for OM Collector VSAM datasets

Description

This parameter specifies the High-level qualifier for the VSAM data sets allocated by the OMEGAMON Collector.

The default value is generated from the high-level qualifier and the mid-level qualifier that you specified for your RTE.

Required or optional

Required

Default value

%RTE_VSAM_HILEV%.%RTE_NAME%

Locations where the parameter value is stored

- **Location 1**
  - In the OMPEMSTR member of the rhilev.midlev.rtename.RKD2PAR library
  - **Output line**
    - VDATASERVERHLQ=<value>

- **Location 2**
  - In the OMDDssid member of the rhilev.midlev.rtename.RKD2SAM library
  - **Output line**
    - DEFINE CLUSTER(NAME(<value>..%DB%.HISTORY) -

- **Location 3**
  - In the OMDDssid member of the rhilev.midlev.rtename.RKD2SAM library
  - **Output line**
    - DELETE (<value>..%DB%.HISTORY) CLUSTER

In the Configuration Tool (ICAT)

- **Panel name**
  - OMEGAMON Collector Information

- **Panel ID**
  - KD261PN

- **Panel field**
  - High-level Qualifier

- **Default value**
  - None

- **Batch parameter name**
  - KD2_OMPE_VSAM_DSHLQ

- **PARMGEN name**
  - KD2_OMPE_VSAM_DSHLQ

- **PARMGEN classification**
  - OMPE
KD2_OMPE_VSAM_MGMTCLAS

Management Class for VSAM

Description

Used to specify a management class used for the allocation of all VSAM data sets created by the OMEGAMON Collector.

Required or optional

Optional

Default value

%RTE_SMS_VSAM_MGMTCLAS%

Location where the parameter value is stored

In the OMPEMSTR member of the rhilev.midlev.rtename.RKD2PAR library

Output line

VDATASERVERMGMTCLAS='<value>'

In the Configuration Tool (ICAT)

Panel name

OMEGAMON Collector Information

Panel ID

KD261PN

Panel field

Mgmtclas

Default value

&RTESVMGT

Batch parameter name

KD2_OMPE_VSAM_MGMTCLAS

PARMGEN name

KD2_OMPE_VSAM_MGMTCLAS

PARMGEN classification

OMPE
Storage Class for VSAM

Description

Used to specify a storage class used for the allocation of all VSAM data sets created by the OMEGAMON Collector.

Required or optional

Optional

Default value

%RTE_SMS_VSAM_STORCLAS%

Location where the parameter value is stored

In the OMPEMSTR member of the rhilev.midlev.rtename.RKD2PAR library

Output line

VDATASERVERSTORCLAS='<value>'

In the Configuration Tool (ICAT)

Panel name

OMEGAMON Collector Information

Panel ID

KD261PN

Panel field

Storclas

Default value

&RTEVSTOR

Batch parameter name

KD2_OMPE_VSAM_STOCLAS

PARMGEN name

KD2_OMPE_VSAM_STOCLAS

PARMGEN classification

OMPE
KD2_OMPE_VSAM_VOLUME

Description
Used to specify a volume serial number that is used for all VSAM data sets created by the OMEGAMON Collector. This parameter is ignored, if OMEGAMON XE for DB2 PE runs on a system managed by SMS. Since SMS can be implemented in different ways, the Configuration tool does not attempt to validate these parameters. The dataset allocation jobs will use all parameters that you enter.

Required or optional
Optional

Default value
%RTE_SMS_VSAM_VOLUME%

Location where the parameter value is stored
In the OMPEMSTR member of the rhilev.midlev.rname.RKD2PAR library

Output line
VDATASERVERVOLUME='<value>'

In the Configuration Tool (ICAT)
Panel name
OMEGAMON Collector Information

Panel ID
KD261PN

Panel field
Volser

Default value
&RTEVV

Batch parameter name
KD2_OMPE_VSAM_VOLUME

PARMGEN name
KD2_OMPE_VSAM_VOLUME

PARMGEN classification
OMPE
KD2_PFnn_SQLID

SQLID

Description

Customize a different SQLID if other than the default USER in the following xKD2SAM DB2 Grant jobs:

- EXGPssid
- EXGRssid
- OMGP ssid: Grant DB2 privileges to each user ID that will work with the OMEGAMON Server
- OMGR ssid: Grant DB2 privileges on the DB2 subsystem to the OMEGAMON Collector plan/package owner that are necessary to administer the collector

Required or optional

Required

Default value

USER

Locations where the parameter value is stored

Location 1
In the EXGP ssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line

SET CURRENT SQLID = <value>;

Location 2
In the EXGR ssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line

SET CURRENT SQLID = <value>;

Location 3
In the OMGP ssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line

SET CURRENT SQLID = <value>;

Location 4
In the OMGR ssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line

SET CURRENT SQLID = <value>;

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

Batch parameter name

KD2_PF_SQLID

PARMGEN name

KD2_PFnn_SQLID

PARMGEN classification

OMPE
KD2_PLAN_NAME_OVERRIDE

Customize DB2 plan names

Description
Customize a different DB2 plan name if you want to override the internal DB2 plan name PLAN(DSN1Iavv) in the following Bind/Grant-type xKD2SAM DB2 jobs: (where vv = 1:2 digits of ssid)
- EXCQssid
- EXCTssid
- EXCVssid
- EXC0ssid
- EXC1ssid
- EXC2ssid
- EXC3ssid
- EXC4ssid
- EXC5ssid
- EXC8ssid
- EXDVssid
- EXGPssid
- EXGRssid
- OMGPssid
- OMGRssid
- PWGAssid
- PWG1ssid
- PWG2ssid

Required or optional
Required

Default value
None

Locations where the parameter value is stored

Location 1
In the EXCQssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
RUN PROGRAM(<value>) PLAN(%KD2_I_DB2_PLAN%) -

Location 2
In the EXCTssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
RUN PROGRAM(<value>) PLAN(%KD2_I_DB2_PLAN%) -

Location 3
In the EXCVssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
  RUN PROGRAM(<value>) PLAN(%KD2_I_DB2_PLAN%) -

Location 4
  In the EXC0ssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
  RUN PROGRAM(<value>) PLAN(%KD2_I_DB2_PLAN%) -

Location 5
  In the EXC1ssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
  RUN PROGRAM(<value>) PLAN(%KD2_I_DB2_PLAN%) -

Location 6
  In the EXC2ssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
  RUN PROGRAM(<value>) PLAN(%KD2_I_DB2_PLAN%) -

Location 7
  In the EXC3ssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
  RUN PROGRAM(<value>) PLAN(%KD2_I_DB2_PLAN%) -

Location 8
  In the EXC4ssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
  RUN PROGRAM(<value>) PLAN(%KD2_I_DB2_PLAN%) -

Location 9
  In the EXC5ssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
  RUN PROGRAM(<value>) PLAN(%KD2_I_DB2_PLAN%) -

Location 10
  In the EXC8ssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
  RUN PROGRAM(<value>) PLAN(%KD2_I_DB2_PLAN%) -

Location 11
  In the EXDVssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
  RUN PROGRAM(<value>) PLAN(%KD2_I_DB2_PLAN%) -

Location 12
  In the EXGPssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
  RUN PROGRAM(<value>) PLAN(%KD2_I_DB2_PLAN%) -

Location 13
  In the EXGRssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
  RUN PROGRAM(<value>) PLAN(%KD2_I_DB2_PLAN%) -

Location 14
  In the OMPssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
  RUN PROGRAM(<value>) PLAN(%KD2_I_DB2_PLAN%) -
KD2_PLAN_NAME_OVERRIDE

Output line
RUN PROGRAM(<value>) PLAN(%KD2_I_DB2_PLAN%) -

Location 15
In the OMGRssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
RUN PROGRAM(<value>) PLAN(%KD2_I_DB2_PLAN%) -

Location 16
In the PWGAssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
RUN PROGRAM(<value>) PLAN(%KD2_I_DB2_PLAN%) -

Location 17
In the PWG1ssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
RUN PROGRAM(<value>) PLAN(%KD2_I_DB2_PLAN%) -

Location 18
In the PWG2ssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
RUN PROGRAM(<value>) PLAN(%KD2_I_DB2_PLAN%) -

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

Batch parameter name
KD2_PLAN_NAME_OVERRIDE

PARMGEN name
KD2_PLAN_NAME_OVERRIDE

PARMGEN classification
OMPE
Chapter 3. Profile parameters

This section lists the profile parameters.

Monitoring profiles specify which monitoring functionality is to be used for the different DB2 subsystems. Each DB2 subsystem is associated with a monitoring profile.

OMEGAMON XE for DB2 PE offers many functions that can be configured for each DB2 subsystem. In most cases, however, the monitoring requirements for the different DB2 subsystems are not completely unique, which means that you can reuse one configuration for several DB2 subsystems. For example, in a development environment you might want to collect very detailed performance data to perform a sophisticated analysis, while in a production environment, this level of detail is not needed and causes unnecessary overhead. So you would use one set of configuration values for the DB2 subsystems that are used for development and another set of configuration values for DB2 subsystems in production.

A monitoring profile is such a set of configuration values. It is independent of the DB2 subsystem. Each DB2 subsystem is associated with a monitoring profile to determine the monitoring functionality. Several DB2 subsystems can be associated with the same profile, independent of the LPAR they reside on. As a result, profiles are reusable for many different DB2 subsystems that have similar monitoring requirements across different LPARs, and you can do changes to monitoring profiles rather than reconfiguring every single DB2 subsystem.

As the runtime members for a DB2 subsystem depend on the configuration values of the monitoring profile as well as the configuration values of the DB2 subsystem itself, the creation of the runtime members requires two steps. The first step creates the profile members, where all values that are specific to the DB2 subsystem are substituted by variables, and writes them to &rhilev.&rte.RKD2PRF. The second step replaces these variables with the actual configuration values of the DB2 subsystem and writes the members to &rhilev.&rte.RKD2SAM and &rhilev.&rte.RKD2PAR.
How to create DB2 profiles in PARMGEN user profiles

This section explains how to create DB2 profiles in PARMGEN user profiles.

DB2 profiles are configured along all other configuration parameters in the PARMGEN user profile. They are identified by KD2_PFxx where xx is the number that distinguishes different DB2 profiles. For example, KD2_PF01 refers to the first DB2 profile and KD2_PF02 refers to the second DB2 profile. You can create up to 99 DB2 profiles.

The section that holds DB2 profiles is structured as follows:

```
KD2_PF

KD2_PFxx_ROW      xx
KD2_PFxx_PROFID    P0xx
KD2_PFxx_DESCRIPTION  "P0xx prof"
...

KD2_PFyy_ROW      yy
KD2_PFyy_PROFID    P0yy
KD2_PFyy_DESCRIPTION  "P0yy prof"
...

KD2_PF END
```

where xx and yy are the numbers of those two DB2 profiles. The parameter KD2_PFxx_PROFID contains the ID that is used to assign a DB2 subsystem configuration with a DB2 profile. You can chose your ID as you like but it is recommended to include the number that identifies the DB2 profile in the ID in order to easily identify the relationship between DB2 subsystems and DB2 profiles.

In order to assign a DB2 profile to a DB2 subsystem configuration, use the parameter KD2_DBzz_DB2_PROFID. For example, to assign the DB2 profile P0xx to a DB2 subsystem configuration set, use the following parameter:

```
KD2_DBzz_DB2_PROFID  P0xx
```
Object/Volume analysis

This section lists the parameters for object or volume analysis.

Object analysis provides information about DB2 object allocations, object activities, volume activities, and data set extend activities.

You can start object analysis in one of the following ways:

• Manually, using the START OBJECT ANALYSIS COLLECTORS panel.

  Note: If there are significant levels of I/O activity on monitored DASD volumes in your environment, you can start this function manually to measure specific workloads or help manage isolated performance situations.

• Automatically, when the OMEGAMON XE for DB2 PE server is activated.

  Note: It is recommended that you do not automatically start object analysis in the AUTOSTART configuration.

By default, the Object Analysis function is shipped with a security level of 3, and requires that you enter a level 3 password to successfully complete the startup. If you want to use external security, you must have the appropriate resource class definition attached to your OMEGAMON XE for DB2 PE logon identifier.

  Note: To start Object Analysis, you must first start OMEGAMON XE for DB2 PE Event Collection Manager (EVENTMGR).

OMEGAMON XE for DB2 PE provides object analysis data only for active DB2 objects.

Object analysis can only be performed on a single DB2 subsystem, no matter whether the subsystem is a member of a data sharing group or not.
**KD2_PF_OA_ECM**

**KD2_PFnn_OA_ECM**
Start Event collection manager

**Description**
The Event collection manager ECM provides an environment that is required for Object/Volume
Analysis Collectors. The ECM does not cause much overhead. If you start the ECM at
OMEGAMON Collector startup, then you can start Object/Volume Analysis from the Classic
Interface later.

**Required or optional**
Required

**Default value**
N

**Permissible values**
Y, N

**Location where the parameter value is stored**
This value is not stored in a configuration member.

**In the Configuration Tool (ICAT)**

**Panel name**
Object and Volume Analysis

**Panel ID**
KD261PM

**Panel field**
Start the Event Collection Manager

**Default value**
N

**Permissible values**
Y, N

**Batch parameter name**
KD2_PF_OA_ECM

**PARMGEN name**
KD2_PFnn_OA_ECM

**PARMGEN classification**
OBJ_ANAL
KD2_PFnn_OA_INTV
Object analysis collection info

Description
This specifies the time interval in minutes for the object analysis and the volume analysis collectors. The interval may be from 1 to 1440 minutes.

Required or optional
Optional (Required in case KD2_PF_OA_START is set to Y)

Default value
15

Minimum
1

Maximum
1440

Location where the parameter value is stored
In the OMOAssid member of the rhilev midlev rtename RKD2PRF library

Output line
F EVENTMGR,START DB2=%DB%,INTERVAL=<value>,THREAD=&THREAD

In the Configuration Tool (ICAT)

Panel name
Object and Volume Analysis

Panel ID
KD261PM

Panel field
Object analysis collection interval

Default value
15

Minimum
1

Maximum
1440

Batch parameter name
KD2_PF_OA_INTV

PARMGEN name
KD2_PFnn_OA_INTV

PARMGEN classification
OBJ_ANAL
KD2_PF_OA_START

KD2_PFnn_OA_START
Start Object Analysis

Description
Specify Y if you want to start Object/Volume Analysis for DB2 subsystems associated with this profile at startup of the OMEGAMON Collector.

Note that Object/Volume Analysis causes considerable overhead. Object/Volume Analysis can be started as needed via operator commands later. See Configuration and Customization Guide for details.

Required or optional
Optional (Required in case KD2_PF_OA_ECM is set to Y)

Default value
N

Permissible values
Y, N

Location where the parameter value is stored
In the OMOAssid member of the rhilev.midlev.rtename.RKD2PRF library

Output line
START0A=<value>

In the Configuration Tool (ICAT)

Panel name
Object and Volume Analysis

Panel ID
KD261PM

Panel field
Start Object/Volume Analysis

Default value
N

Permissible values
Y, N

Batch parameter name
KD2_PF_OA_START

PARMGEN name
KD2_PFnn_OA_START

PARMGEN classification
OBJ_ANAL
KD2_PF_OA_THREAD

DB2 objects thread info

Description
This indicates whether thread information will be collected during object analysis.

Required or optional
Optional (Required in case KD2_PF_OA_START is set to Y)

Default value
N

Permissible values
Y, N

Location where the parameter value is stored
In the OMOAssid member of the rhilev midlev rtename. RKD2PRF library

Output line
F EVENTMGR, START DB2=%DB%, INTERVAL=&O2EINT, THREAD=<value>

In the Configuration Tool (ICAT)

Panel name
Object and Volume Analysis

Panel ID
KD261PM

Panel field
Thread information on DB2 objects

Default value
Y

Permissible values
Y, N

Batch parameter name
KD2_PF_OA_THRD

PARMGEN name
KD2_PFnn_OAThreadId

PARMGEN classification
OBJ_ANAL
**KD2_PF_OA_WAIT**

**KD2_PFnn_OA_WAIT**

Wait interval

**Description**

The Event Collection Manager must be active before Object/Volume Analysis can be started for a DB2 subsystem. The wait interval specifies the number of seconds that have to pass after ECM startup before the startup commands for Object/Volume Analysis are issued.

ECM is started implicitly when you configure Object Analysis to be auto-started at Common collector startup. If you specified a wait interval greater than 0 in several monitoring profiles that are used the maximum wait interval specified is used.

**Required or optional**

Optional (Required in case KD2_PF_OA_ECM is set to Y)

**Default value**

5

**Minimum**

0

**Maximum**

99

**Location where the parameter value is stored**

In the OMOAssid member of the rhilev.midlelv.rtename.RKD2PRF library

**Output line**

```
WAIT=<value>
```

**In the Configuration Tool (ICAT)**

- **Panel name**
  Object and Volume Analysis

- **Panel ID**
  KD261PM

- **Panel field**
  Wait interval

- **Default value**
  5

- **Minimum**
  0

- **Maximum**
  99

**Batch parameter name**

KD2_PF_OA_WAIT

**PARMGEN name**

KD2_PFnn_OA_WAIT

**PARMGEN classification**

OBJ_ANAL
Periodic exception processing

This section lists the parameters for periodic exception processing.

Periodic Exception Processing analyzes system metrics and compares them against predefined thresholds, user-defined thresholds, and application metrics.

When a threshold is exceeded, a periodic exception is shown. This event is commonly called an exception. This function is available in Performance Expert Client.

You can start periodic exception processing in one of the following ways:

- Manually, after you start Performance Expert Client. In this case, you can define a set of thresholds for each user ID.
- Automatically, to start one user's threshold definitions when the server starts. In this case, the threshold definitions are already started when the user logs on to the client.
**KD2_PF_AEXCP_D2PYACT**

**KD2_PFnn_AEXCP_D2PYACT**
Enable Automatic Exception Processing

**Description**
Used to enable or disable Automatic Exception Processing.

**Required or optional**
Required

**Default value**
N

**Permissible values**
Y, N

**Location where the parameter value is stored**
This value is not stored in a configuration member.

**In the Configuration Tool (ICAT)**

- **Panel name**
  Periodic Exception Processing

- **Panel ID**
  KD261PY

- **Panel field**
  Enable Periodic Exception Processing

- **Default value**
  N

- **Permissible values**
  Y, N

**Batch parameter name**
KD2_PF_AEXCP_D2PYACT

**PARMGEN name**
KD2_PFnn_AEXCP_D2PYACT

**PARMGEN classification**
EXCP
Exception file dataset name

Description

Used to specify the name of the DPMOUT output data set. Specify a fully qualified file data set name.

Required or optional

Optional (Required in case KD2_PF_AEXCP_D2TPFFLG is set to Y)

Default value

None

Locations where the parameter value is stored

Location 1

In the OMPEssid member of the rhilev.midlev.rtypename.RKD2PAR library

Output line

AUTOEXCPFILENAME=<value>

Location 2

In the ALLOCDS member of the rhilev.midlev.rtypename.RKD2SAM library

Output line

ENTRIES(''<value>'') -

Location 3

In the ALLOCDS member of the rhilev.midlev.rtypename.RKD2SAM library

Output line

DSNAME(''<value>'') -

In the Configuration Tool (ICAT)

Panel name

Periodic Exception Processing

Panel ID

KD261PY

Panel field

Exception file data set name

Default value

None

Batch parameter name

KD2_PF_AEXCP_D2TPFDSN

PARMGEN name

KD2_PFnn_AEXCP_D2TPFDSN

PARMGEN classification

EXCP
KD2_PF_AEXCP_D2TPFDSP

KD2_PFnn_AEXCP_D2TPFDSP
Disposition for Exception file dataset

Description
Used to specify the disposition of the DPMOUT file data set. Valid values are MOD or OLD.

Required or optional
Optional (Required in case KD2_PF_AEXCP_D2TPFFLG is set to Y)

Default value
MOD

Permissible values
MOD, OLD

Locations where the parameter value is stored

Location 1
In the OMPEssid member of the rhllev.midlev.rtename.RKD2PAR library

Output line
AUTOEXCPFILEDISP=<value>

Location 2
In the ALLOCDS member of the rhllev.midlev.rtename.RKD2SAM library

Output line
<value> CATALOG -

In the Configuration Tool (ICAT)

Panel name
Periodic Exception Processing

Panel ID
KD261PY

Panel field
Exception file data set DISP

Default value
MOD

Permissible values
MOD, OLD

Batch parameter name
KD2_PF_AEXCP_D2TPFDSP

PARMGEN name
KD2_PFnn_AEXCP_D2TPFDSP

PARMGEN classification
EXCP
KD2_PFnn_AEXCP_D2TPFFLG

Exception file

Description

Used to activate export of the performance data at time of exception to the exception file.

Required or optional

Optional (Required in case KD2_PF_AEXCP_D2PYACT is set to Y)

Default value

N

Permissible values

Y, N

Location where the parameter value is stored

In the OMPEssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line

AUTOEXCPFILE=<value>

In the Configuration Tool (ICAT)

Panel name

Periodic Exception Processing

Panel ID

KD261PY

Panel field

Exception file

Default value

N

Permissible values

Y, N

Batch parameter name

KD2_PF_AEXCP_D2TPFFLG

PARMGEN name

KD2_PFnn_AEXCP_D2TPFFLG

PARMGEN classification

EXCP
**KD2_PF_AEXCP_D2TPINTV**

**KD2_PFnn_AEXCP_D2TPINTV**

Periodic interval

**Description**

Used to specify the time period between exception checks in seconds. Specify an integer value in the range from 1 to 7200.

**Required or optional**

Optional (Required in case KD2_PF_AEXCP_D2PYACT is set to Y)

**Default value**

100

**Minimum**

1

**Maximum**

7200

**Location where the parameter value is stored**

In the OMPEssid member of the `rhilev.midlev.rtpename.RKD2PAR` library

**Output line**

`AUTOEXCPPERIOD=<value>`

**In the Configuration Tool (ICAT)**

**Panel name**

Periodic Exception Processing

**Panel ID**

KD261PY

**Panel field**

Periodic interval

**Default value**

100

**Minimum**

1

**Maximum**

7200

**Batch parameter name**

KD2_PF_AEXCP_D2TPINTV

**PARMGEN name**

KD2_PFnn_AEXCP_D2TPINTV

**PARMGEN classification**

EXCP
KD2_PFnn_AEXCP_D2TPLDSN

Exception log dataset name

Description
Used to specify the name of the exception log data set. Specify a fully qualified data set name.

Required or optional
Optional (Required in case KD2_PF_AEXCP_D2TPLFLG is set to Y)

Default value
None

Locations where the parameter value is stored

Location 1
In the OMPEssid member of the rhilev.midlev.rtename.RKD2PAR library
Output line
AUTOEXCPLOGNAME=<value>

Location 2
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library
Output line
DSNAME('<value>') -

Location 3
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library
Output line
ENTRIES('<value>') -

In the Configuration Tool (ICAT)

Panel name
Periodic Exception Processing

Panel ID
KD261PY

Panel field
Exception log data set name

Default value
None

Batch parameter name
KD2_PF_AEXCP_D2TPLDSN

PARMGEN name
KD2_PFnn_AEXCP_D2TPLDSN

PARMGEN classification
EXCP
**KD2_PF_AEXCP_D2TPLDSP**

**KD2_PFnn_AEXCP_D2TPLDSP**
Disposition for Exception log dataset

**Description**

Used to specify the disposition of the exception log data set. Valid values are MOD or OLD.

**Required or optional**

Optional (Required in case KD2_PF_AEXCP_D2TPLFLG is set to Y)

**Default value**

MOD

**Permissible values**

MOD, OLD

**Locations where the parameter value is stored**

**Location 1**

In the OMPEssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line

AUTOEXCPLOGDISP=<value>

**Location 2**

In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

Output line

<value> CATALOG -

**In the Configuration Tool (ICAT)**

**Panel name**

Periodic Exception Processing

**Panel ID**

KD261PY

**Panel field**

Exception log data set DISP

**Default value**

MOD

**Permissible values**

MOD, OLD

**Batch parameter name**

KD2_PF_AEXCP_D2TPLDSP

**PARMGEN name**

KD2_PFnn_AEXCP_D2TPLDSP

**PARMGEN classification**

EXCP
**KD2_PFnn_AEXCP_D2TPLFLG**

**Description**

Used to activate export of the exception data to the exception log.

**Required or optional**

Optional (Required in case KD2_PF_AEXCP_D2PYACT is set to Y)

**Default value**

N

**Permissible values**

Y, N

**Location where the parameter value is stored**

In the OMPEssid member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

AUTOEXCPLOG=<value>

**In the Configuration Tool (ICAT)**

**Panel name**

Periodic Exception Processing

**Panel ID**

KD261PY

**Panel field**

Exception log

**Default value**

N

**Permissible values**

Y, N

**Batch parameter name**

KD2_PF_AEXCP_D2TPLFLG

**PARMGEN name**

KD2_PFnn_AEXCP_D2TPLFLG

**PARMGEN classification**

EXCP
Threshold data set name

Description

The Exception Threshold data set contains the exception thresholds for the Statistics and Accounting exception reports and traces. When exception processing is active, the instrumentation data is checked against these thresholds.

You can either use an existing threshold data set or let ICAT generate a new threshold data set. Specify a fully qualified data set name without quotes. If the specified threshold data set does not exist, ICAT generates an empty sequential data set using the following attributes:

```
RECFM
VB
LRECL
255
BLKSIZE
6233
```

You need to specify thresholds in the specified data set. If the threshold data set is empty, Automatic Exception Processing is not started and the following message is written to the message log:

```
FPEV0263E D823 AUTOMATIC EXCP NOT STARTED - NO VALID THRESHOLD
```

To specify thresholds:

Use the thresholds in the supplied sample Threshold data set DGOETV41 in RKO2DATA or in case of an SMP/E Sharing RTE: TKO2DATA. The sample contains a selection of exception fields with predefined threshold values and can be used to get started with exception reporting. To use the sample threshold data set as input for Automatic Exception Processing, copy the contents of DGOETV41 to the threshold data set generated by ICAT.

Note: The sample Exception Threshold data set member DGOETV41 has a different record length. As a result, when you copy member DGOETV41 to your newly allocated data set, you see a warning that records are truncated. You can ignore this warning.

Refer to the Reporting User’s Guide 'Specifying exceptions using the Exception Threshold data set editor' and 'Exception Threshold data set' for additional information.

Required or optional

Optional (Required in case KD2_PF_AEXCP_D2PYACT is set to Y)

Default value

```
%RTE_HILEV%.%RTE_NAME%.RKD2THRS
```

Locations where the parameter value is stored

**Location 1**

In the OMPEssid member of the `rhilev.midlev.rtename.RKD2PAR` library

```
Output line
AUTOEXCPTHNAME=<value>
```

**Location 2**

In the ALLOCDS member of the `rhilev.midlev.rtename.RKD2SAM` library

```
Output line
DSNAME(''<value>'')
```

**Location 3**

In the ALLOCDS member of the `rhilev.midlev.rtename.RKD2SAM` library
Output line
ENTRIES('\<value>\') -

In the Configuration Tool (ICAT)

**Panel name**
Periodic Exception Processing

**Panel ID**
KD261PY

**Panel field**
Threshold data set name

**Default value**
None

**Batch parameter name**
KD2_PF_AEXCP_D2TPTDSN

**PARMGEN name**
KD2_PFnn_AEXCP_D2TPTDSN

**PARMGEN classification**
EXCP
KD2_PF_AEXCP_D2TPTFMC

KD2_PFnn_AEXCP_D2TPTFMC
Management Class of Exception datasets

Description
Used to specify the SMS management class for the Excp processing datasets that are to be allocated.

Required or optional
Optional

Default value
%RTE_SMS_VSAM_MGMTCLAS%

Location where the parameter value is stored
In the ALLOCDS member of the rhilev.midlev.rname.RKD2SAM library

Output line
MGMTCLAS(<value>) -

In the Configuration Tool (ICAT)

Panel name
Periodic Exception Processing

Panel ID
KD261PY

Panel field
MGMTCLAS

Default value
None

Batch parameter name
KD2_PF_AEXCP_D2TPTFMC

PARMGEN name
KD2_PFnn_AEXCP_D2TPTFMC

PARMGEN classification
EXCP
KD2_PFnn_AEXCP_D2TPTFSC

Storage Class of Exception datasets

Description

   Used to specify the SMS storage class for the Excp processing datasets that are to be allocated.

Required or optional

   Optional

Default value

   %RTE_SMS_VSAM_STORCLAS%

Location where the parameter value is stored

   In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

Output line

   STORCLAS(<value>) -

In the Configuration Tool (ICAT)

   Panel name
   Periodic Exception Processing

   Panel ID
   KD261PY

   Panel field
   STORCLAS

   Default value
   None

Batch parameter name

   KD2_PF_AEXCP_D2TPTFSC

PARMGEN name

   KD2_PFnn_AEXCP_D2TPTFSC

PARMGEN classification

   EXCP
KD2_PF_AEXCP_D2TPUID

KD2_PFnn_AEXCP_D2TPUID
User ID

Description
Used to specify the user ID of the OMEGAMON XE for DB2 PE user for whom you want to start Automatic Exception Processing. The user ID can be up to 8 characters long. The default user ID is the OMEGAMON XE for DB2 PE user ID.

Required or optional
Optional (Required in case KD2_PF_AEXCP_D2PYACT is set to Y)

Default value
None

Location where the parameter value is stored
In the OMPessid member of the rhilev.midlev.ritename.RKD2PAR library

Output line
AUTOEXCPUSER=<value>

In the Configuration Tool (ICAT)
Panel name
Periodic Exception Processing
Panel ID
KD261PY
Panel field
Threshold user ID
Default value
None

Batch parameter name
KD2_PF_AEXCP_D2TPUID

PARMGEN name
KD2_PFnn_AEXCP_D2TPUID

PARMGEN classification
EXCP
KD2_PFnn_AEXCP_D2TPUXIT

Use user exit

Description
Used to specify whether the user exit for Automatic Exception Processing is activated. The default is N.

Required or optional
Optional (Required in case KD2_PF_AEXCP_D2PYACT is set to Y)

Default value
N

Permissible values
Y, N

Location where the parameter value is stored
In the OMPEssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
AUTOEXCPEXIT=<value>

In the Configuration Tool (ICAT)

Panel name
Periodic Exception Processing

Panel ID
KD261PY

Panel field
User exception exit

Default value
N

Permissible values
Y, N

Batch parameter name
KD2_PF_AEXCP_D2TPUXIT

PARMGEN name
KD2_PFnn_AEXCP_D2TPUXIT

PARMGEN classification
EXCP
**KD2_PF_AEXCP_D2TPVL**

**KD2_PFnn_AEXCP_D2TPVL**  
Volser of Exception datasets

**Description**  
Used to specify the volser for the Automatic Excp processing datasets that are to be allocated.

**Required or optional**  
Optional

**Default value**  
%RTE_SMS_VSAM_VOLUME%

**Location where the parameter value is stored**  
In the ALLOCDS member of the rhilev,midlev,rtename.RKD2SAM library

**Output line**  
VOL(<value>) -

**In the Configuration Tool (ICAT)**

**Panel name**  
Periodic Exception Processing

**Panel ID**  
KD261PY

**Panel field**  
Volser

**Default value**  
None

**Batch parameter name**  
KD2_PF_AEXCP_D2TPVL

**PARMGEN name**  
KD2_PFnn_AEXCP_D2TPVL

**PARMGEN classification**  
EXCP
Near-term history

This section lists the parameters for near-term history.

**Note:** Near-Term History is only available through the Classic Interface. You can decide whether to start near-term history collection by default when you start OMEGAMON XE for DB2 PE. However, you can also start and stop the near-term history collection subtask using operator commands.

Near-Term History captures and stores recent DB2 instrumentation data so that you can review thread performance after the threads have ended. Data captured includes all Statistics and Accounting records written by DB2 over a recent period of time. Near-Term History can also collect certain performance data at the thread level, such as dynamic SQL or sorting, locking, and scanning information.

Many events are too short lived to be viewed in real time. Near-term history collection identifies threads that have experienced problems in the past few hours. These threads can then be examined in more detail to help identify the cause of the problem.

**Note:** Near-term history should be distinguished from snapshot history. With snapshot history, a real-time snapshot of the system is taken at regular intervals (such as once a minute) and stored. Thus a snapshot of a long-running thread would be available at one minute intervals, as if you were watching the thread on the real-time monitor. However short-running threads might not show up at all using snapshot history, whereas near-term history records all threads that complete in the recording interval. The near-term history availability depends on the number of VSAM log data sets, their size, and the number of traces turned on. It will range from few hours to many hours depending on the amount of activity in the DB2 subsystem.
Collect accounting class 1,2,3,7,8,10,11

**Description**

Specifies the type of accounting data to collect.

Class 1 IFCID 3 no In-DB2 or I/O and lock wait times.
Class 2 IFCID 3 In-DB2 time.
Class 3 IFCID 3 I/O and lock wait times.
Class 7 IFCID 3,239 Package/DBRM In-DB2 time.
Class 8 IFCID 3,239 Package/DBRM I/O and lock wait times.
Class 10 IFCID 239 Package detail
Class 11 IFCID 3,200 No package info. For DB2 v11 and above only.

Enter a list of the accounting classes that you want to collect data from. For example "1 2 3"

**NOTE:** In order to reduce the number of IFCIDs collected and not collect the IFCID 239, class 1 should be requested without classes 7, 8 and 10. Class 11 supported in DB2 11 and above.

**Required or optional**

Optional (Required in case KD2_PF_HIS_START is set to Y)

**Default value**

None

**Location where the parameter value is stored**

In the COPTssid member of the rhlev.midlev.rtename.RKD2PAR library

**Output line**

ACCTG(<value>Y)

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261PB

**Panel field**

Acctg class

**Default value**

None

**Batch parameter name**

KD2_PF_HIS_ACCTG_CLAS

**PARMGEN name**

KD2_PFnn_HIS_ACCTG_CLAS

**PARMGEN classification**

NTH
KD2_PFnn_HIS_BUFSIZE

Data collection buffer size

Description
Specifies the parameter that controls the size of the buffer, which is used to hold IFI records until they can be written out to the log dataset by the Near-Term History Data Collector. This value is specified in kilobytes.

Required or optional
Optional (Required in case KD2_PF_HIS_START is set to Y)

Default value
1024

Minimum
50

Maximum
9999

Location where the parameter value is stored
In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
BUFSIZE(<value>)

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261P8

Panel field
Buffer size

Default value
1024

Minimum
50

Maximum
9999

Batch parameter name
KD2_PF_HIS_BUFSIZE

PARMGEN name
KD2_PFnn_HIS_BUFSIZE

PARMGEN classification
NTH
KD2_PF_HIS_COLL_INTV

KD2_PFnn_HIS_COLL_INTV
Collection interval

Description
Specifies the time interval for statistics data collection. This interval also applies to thread data collection if grouping is selected. The default interval is the same as the RMF interval if RMF is active, or 15 minutes if RMF is not active.

Required or optional
Optional (Required in case KD2_PF_HIS_START is set to Y)

Default value
15

Location where the parameter value is stored
In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
 INTERVAL(<value>)

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261P8

Panel field
Collection interval

Default value
15

Batch parameter name
KD2_PF_HIS_COLL_INTV

PARMGEN name
KD2_PFnn_HIS_COLL_INTV

PARMGEN classification
NTH
**KD2_PFnn_HIS_DB2_STAT**

Collect statistics data

**Description**

This specifies whether to collect statistics information IFCIDs 1 and 2.

If Y is entered, statistics information is recorded once for each collection interval.

**Required or optional**

Optional (Required in case KD2_PF_HIS_START is set to Y)

**Default value**

Y

**Permissible values**

Y, N

**Location where the parameter value is stored**

In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

STATISTICS(<value>Y)

**In the Configuration Tool (ICAT)**

**Panel name**
Near-Term History

**Panel ID**
KD261PB

**Panel field**
Statistics

**Default value**

Y

**Permissible values**

Y, N

**Batch parameter name**
KD2_PF_HIS_DB2_STAT

**PARMGEN name**
KD2_PFnn_HIS_DB2_STAT

**PARMGEN classification**
NTH
**Dataset name** DYNAMIC

**Description**
Specify a base dataset name that is used to create the sequential datasets for storing Near-Term History trace data. Use the following variables to construct the sequential dataset name. To ensure unique dataset names you must use at least @DB2, @DATE and @TIME:

- **@DB2**: Inserts the DB2 subsystem ID of the data being collected into the name of the dataset.
- **@DATE**: Inserts the date of the first record in the dataset into the name of the dataset.
- **@TIME**: Inserts the time of the first record in the dataset into the name of the dataset.

This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is DYNAMIC.

**Required or optional**
Optional (Required in case KD2_PF_HIS_START is set to C,Y and KD2_PF_HIS_SEQ_TYP is set to D)

**Default value**
None

**Location where the parameter value is stored**
In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**
<value>

**In the Configuration Tool (ICAT)**
- **Panel name**
  Near-Term History
- **Panel ID**
  KD261PZ2
- **Panel field**
  Dataset name
- **Default value**
  None

**Batch parameter name**
KD2_PF_HIS_DYN_DSNAME

**PARMGEN name**
KD2_PFnn_HIS_DYN_DSNAME

**PARMGEN classification**
NTH
KD2_PFnn_HIS_DYN_MCLAS

Management class DYNAMIC

Description

If the historical sequential datasets are SMS-managed, then specify the SMS management class to be used on the allocation. If your installation does not use the SMS MGMTCLAS parameter, you can leave this field blank.

Required or optional

Optional

Default value

%KTE_SMS_VSAM_MGMTCLAS%

Location where the parameter value is stored

In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line

MGMTCLAS(<value>)

In the Configuration Tool (ICAT)

Panel name

Near-Term History

Panel ID

KD261PZ2

Panel field

Mgmtclas

Default value

&RTESVMGT

Batch parameter name

KD2_PF_HIS_DYN_MCLAS

PARMGEN name

KD2_PFnn_HIS_DYN_MCLAS

PARMGEN classification

NTH
KD2_PF_HIS_DYN_PRIMARY

Description
Specify the primary space allocation used for the sequential datasets created by the Near-Term History Data Collector. The default is 10 cylinders.

This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

Required or optional
Optional (Required in case KD2_PF_HIS_START is set to C,Y and KD2_PF_HIS_SEQ_TYP is set to D)

Default value
10

Minimum
3

Maximum
9999

Location where the parameter value is stored
In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
SPACE(CYL,<value>,<KD2_PFnn_HIS_DYN_SECONDARY>)

In the Configuration Tool (ICAT)
Panel name
Near-Term History

Panel ID
KD261PZ2

Panel field
Primary space

Default value
10

Minimum
3

Maximum
9999

Batch parameter name
KD2_PF_HIS_DYN_PRIM

PARMGEN name
KD2_PFnn_HIS_DYN_PRIMARY

PARMGEN classification
NTH
KD2_PFnn_HIS_DYN_SCLAS

Storage class DYNAMIC

Description
If the historical sequential datasets are SMS-managed, then specify the SMS storage class to be used on the allocation. If your installation does not use the SMS STORCLAS parameter, you can leave this field blank.

Required or optional
Optional

Default value
%KTE_SMS_VSAM_STORCLAS%

Location where the parameter value is stored
In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
STORCLAS(<value>)

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261PZ2

Panel field
Storclas

Default value
&RTEVSTOR

Batch parameter name
KD2_PF_HIS_DYN_SCLAS

PARMGEN name
KD2_PFnn_HIS_DYN_SCLAS

PARMGEN classification
NTH
**KD2_PF_HIS_DYN_SECONDARY**

**KD2_PFnn_HIS_DYN_SECONDARY**
Secondary space for sequential datasets

**Description**
Specify the secondary space allocation used for the sequential datasets created by the Near-Term History Data Collector. The default is 2 cylinders.

This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

**Required or optional**
Optional (Required in case KD2_PF_HIS_START is set to C,Y and KD2_PF_HIS_SEQ_TYP is set to D)

**Default value**
2

**Minimum**
0

**Maximum**
9999

**Location where the parameter value is stored**
In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**
SPACE(CYL,<KD2_PFnn_HIS_DYN_PRIMARY>,<value>)

**In the Configuration Tool (ICAT)**

**Panel name**
Near-Term History

**Panel ID**
KD261PZ2

**Panel field**
Secondary space

**Default value**
2

**Minimum**
0

**Maximum**
9999

**Batch parameter name**
KD2_PF_HIS_DYN_SEC

**PARMGEN name**
KD2_PFnn_HIS_DYN_SECONDARY

**PARMGEN classification**
NTH
**KD2_PFnn_HIS_DYN_SQL**

Collect dynamic SQL data

**Description**

This specifies whether dynamic SQL text and access path information is collected. If F is entered, the collector activates IFCID 350 in addition to the IFCIDs listed above. IFCID 350 records the complete text of a parsed SQL statement, while IFCID 63 is limited to the first 5000 bytes of a SQL statement.

If Y is entered, the collector activates IFCIDs 22,63,105,107.

**Required or optional**

Optional (Required in case KD2_PF_HIS_START is set to Y)

**Default value**

N

**Permissible values**

Y, N, F

**Locations where the parameter value is stored**

**Location 1**
In the DB2PROF member of the rhilev.midlev.rtename.RKD2PRF library

**Output line**
DB2_DSNTIAD=<value>NTIA

**Location 2**
In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**
DYNAMICSQL(<value>Y)

**In the Configuration Tool (ICAT)**

**Panel name**
Near-Term History

**Panel ID**
KD261PB

**Panel field**
Dynamic SQL

**Default value**

Y

**Permissible values**

Y, N, F

**Batch parameter name**
KD2_PF_HIS_DYN_SQL

**PARMGEN name**
KD2_PFnn_HIS_DYN_SQL

**PARMGEN classification**
NTH
KD2_PF_HIS_DYN_UNIT

KD2_PFnn_HIS_DYN_UNIT

Unit DYNAMIC

Description
Specify the unit name for the allocation of the historical sequential datasets. If the historical sequential datasets are not SMS-managed then this is a required entry. If your installation does not use the unit name, you can leave this field blank.

Required or optional
Optional

Default value
%RTE_SMS_UNIT%

Location where the parameter value is stored
In the COPTssid member of the rhilev.midlev.rename.RKD2PAR library

Output line
UNIT(<value>)

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261PZ2

Panel field
Unit

Default value
&RTEU

Batch parameter name
KD2_PF_HIS_DYN_UNIT

PARMGEN name
KD2_PFnn_HIS_DYN_UNIT

PARMGEN classification
NTH
KD2_PFnn_HIS_DYN_VOLUME

Volser DYNAMIC

Description
Specify the volume serial numbers for the allocation of the historical sequential datasets. If the historical sequential datasets are not to be SMS-managed, then this is a required entry. If your installation does not use the volume serial number, you can leave this field blank.

Required or optional
Optional

Default value
%RTE_SMS_VSAM_VOLUME%

Location where the parameter value is stored
In the COPTssid member of the rhilev.midlev.rlname.RKD2PAR library

Output line
VOLSER(<value>)

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261PZ2

Panel field
Volser

Default value
&RTEVV

Batch parameter name
KD2_PF_HIS_DYN_VOL

PARMGEN name
KD2_PFnn_HIS_DYN_VOLUME

PARMGEN classification
NTH
KD2_PF_HIS_GDG_DSNAMENK

KD2_PFnn_HIS_GDG_DSNAMENK

Dataset name GDG

Description

Specify the name for the base dataset of the Generation Data Group GDG. For the GDG type, the dataset name can have a maximum of 35 characters. And the storage mechanism is GDG.

Required or optional

Optional (Required in case KD2_PF_HIS_START is set to C,Y and KD2_PF_HIS_SEQ_TYP is set to G)

Default value

None

Locations where the parameter value is stored

Location 1
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

Output line
(NAME ('<value>') -

Location 2
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

Output line
ENTRIES(''<value>'') -

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261PZ3

Panel field
Dataset name

Default value
None

Batch parameter name
KD2_PF_HIS_GDG_DSNAMENK

PARMGEN name
KD2_PFnn_HIS_GDG_DSNAMENK

PARMGEN classification
NTH
**KD2_PFnn_HIS_GDG_LIM**

Historical archive dataset GDG limit

**Description**

Specify the number of GDG generations to be used for this GDG. You can specify 1 to 255. This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is GDG.

**Required or optional**

Optional (Required in case KD2_PF_HIS_START is set to C,Y and KD2_PF_HIS_SEQ_TYP is set to G)

**Default value**

7

**Minimum**

1

**Maximum**

255

**Locations where the parameter value is stored**

**Location 1**

In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

LIMIT(<value>))

**Location 2**

In the HCRVssid member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

LIMIT(<value>))

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261PZ3

**Panel field**

Limit for GDG datasets

**Default value**

7

**Minimum**

1

**Maximum**

255

**Batch parameter name**

KD2_PF_HIS_GDG_LIM

**PARMGEN name**

KD2_PFnn_HIS_GDG_LIM

**PARMGEN classification**

NTH
KD2_PF_HIS_GDG_MCLAS

KD2_PFnn_HIS_GDG_MCLAS
Management class GDG

Description
If the historical sequential datasets are SMS-managed, then specify the SMS management class to be used on the allocation. If your installation does not use the SMS MGMTCLAS parameter, you can leave this field blank.

Required or optional
Optional

Default value
%RTE_SMS_VSAM_MGMTCLAS%

Location where the parameter value is stored
In the COPTssid member of the rhilev.midleo_rtename.RKD2PAR library

Output line
MGMTCLAS(<value>)

In the Configuration Tool (ICAT)
Panel name
Near-Term History
Panel ID
KD261PZ3
Panel field
Mgmtcls
Default value
&RTE_SVMGT

Batch parameter name
KD2_PF_HIS_GDG_MCLAS

PARMGEN name
KD2_PFnn_HIS_GDG_MCLAS

PARMGEN classification
NTH
**KD2_PFnn_HIS_GDG_PRIMARY**

Primary space for sequential datasets

**Description**

Specify the primary space allocation used for the GDG. The default is 10 cylinders.

This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

**Required or optional**

Optional (Required in case KD2_PF_HIS_START is set to C,Y and KD2_PF_HIS_SEQ_TYP is set to G)

**Default value**

10

**Minimum**

3

**Maximum**

9999

**Location where the parameter value is stored**

In the COPTssid member of the rhlev.midlev.rtename.RKD2PAR library

**Output line**

SPACE(CYL,<value>,<KD2_PFnn_HIS_GDG_SECONDARY>)

In the Configuration Tool (ICAT)

**Panel name**

Near-Term History

**Panel ID**

KD261PZ3

**Panel field**

Primary space

**Default value**

10

**Minimum**

3

**Maximum**

9999

**Batch parameter name**

KD2_PF_HIS_GDG_PRIM

**PARMGEN name**

KD2_PFnn_HIS_GDG_PRIMARY

**PARMGEN classification**

NTH
KD2_PF_HIS_GDG_SCLAS

KD2_PFnn_HIS_GDG_SCLAS
Storage class GDG

Description
If the historical sequential datasets are SMS-managed, then specify the SMS storage class to be used on the allocation. If your installation does not use the SMS STORCLAS parameter, you can leave this field blank.

Required or optional
Optional

Default value
%RTE_SMS_VSAM_STORCLAS%

Location where the parameter value is stored
In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
STORCLAS(<value>)

In the Configuration Tool (ICAT)
Panel name
Near-Term History

Panel ID
KD261PZ3

Panel field
Storclas

Default value
&RTEVSTOR

Batch parameter name
KD2_PF_HIS_GDG_SCLAS

PARMGEN name
KD2_PFnn_HIS_GDG_SCLAS

PARMGEN classification
NTH
KD2_PFnn_HIS_GDG_SECONDARY

Secondary space for sequential datasets

Description
Specify the secondary space allocation used for the GDG. The default is 2 cylinders.
This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

Required or optional
Optional (Required in case KD2_PF_HIS_START is set to C,Y and KD2_PF_HIS_SEQ_TYP is set to G)

Default value
2

Minimum
0

Maximum
9999

Location where the parameter value is stored
In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
SPACE(CYL,<KD2_PFnn_HIS_GDG_PRIMARY>,<value>)

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261PZ3

Panel field
Secondary space

Default value
2

Minimum
0

Maximum
9999

Batch parameter name
KD2_PF_HIS_GDG_SEC

PARMGEN name
KD2_PFnn_HIS_GDG_SECONDARY

PARMGEN classification
NTH
KD2_PF_HIS_GDG_UNIT

KD2_PFnn_HIS_GDG_UNIT
Unit GDG

Description
Specify the unit name for the allocation of the historical sequential datasets. If the historical sequential datasets are not SMS-managed then this is a required entry. If your installation does not use the unit name, you can leave this field blank.

Required or optional
Optional

Default value
%RTE_SMS_UNIT%

Locations where the parameter value is stored
Location 1
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library
Output line
UNIT(<value>)

Location 2
In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library
Output line
UNIT(<value>)

In the Configuration Tool (ICAT)
Panel name
Near-Term History

Panel ID
KD261PZ3

Panel field
Unit

Default value
&RTEU

Batch parameter name
KD2_PF_HIS_GDG_UNIT

PARMGEN name
KD2_PFnn_HIS_GDG_UNIT

PARMGEN classification
NTH
**KD2_PFnn_HIS_GDG_VOLUME**

**Volser GDG**

**Description**
Specify the volume serial numbers for the allocation of the historical sequential datasets. If the historical sequential datasets are not to be SMS-managed, then this is a required entry. If your installation does not use the volume serial number, you can leave this field blank.

**Required or optional**
Optional

**Default value**
%RTE_SMS_VSAM_VOLUME%

**Location where the parameter value is stored**
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**
VOLUME(<value>)

**In the Configuration Tool (ICAT)**

**Panel name**
Near-Term History

**Panel ID**
KD261PZ3

**Panel field**
Volser

**Default value**
&RTEVV

**Batch parameter name**
KD2_PF_HIS_GDG_VOL

**PARMGEN name**
KD2_PFnn_HIS_GDG_VOLUME

**PARMGEN classification**
NTH
**Description**

Specifies the IFI trace record read time in "mmssth" format where "mmssth" is minutes, seconds, tenths and hundredths of seconds. This parameter controls the frequency with which the Near-Term History Data Collector reads the new IFI trace records into the collection buffer.

You can increase the frequency by decreasing the interval, however, CPU utilization will increase. The default is 010000 which is 1 minute.

**Required or optional**

Optional (Required in case KD2_PF_HIS_START is set to Y)

**Default value**

010000

**Minimum**

000100

**Maximum**

010000

**Location where the parameter value is stored**

In the COPTssid member of the rhilev.midlev.rlename.RKD2PAR library

**Output line**

IFIREADTIME(<value>)

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261P8

**Panel field**

IFI read frequency

**Default value**

010000

**Minimum**

000100

**Maximum**

010000

**Batch parameter name**

KD2_PF_HIS_IFIREAD

**PARMGEN name**

KD2_PFnn_HIS_IFIREAD

**PARMGEN classification**

NTH
KD2_PFnn_HIS_LOCK_CNTN

Collect Lock contention data

Description

This specifies whether lock timeout and deadlock information is collected.

If Y is entered, the collector activates IFCIDs 172,196,105,107.

Required or optional

Optional (Required in case KD2_PF_HIS_START is set to Y)

Default value

N

Permissible values

Y, N

Location where the parameter value is stored

In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line

LOCKCONT(<value>Y)

In the Configuration Tool (ICAT)

Panel name

Near-Term History

Panel ID

KD261PB

Panel field

Lock contention

Default value

Y

Permissible values

Y, N

Batch parameter name

KD2_PF_HIS_LOCK_CNTN

PARMGEN name

KD2_PFnn_HIS_LOCK_CNTN

PARMGEN classification

NTH
KD2_PF_HIS_LOCK_SUSP

KD2_PFnn_HIS_LOCK_SUSP
Collect lock suspension data

Description
This specifies whether lock wait information for local resources is collected.
If Y is entered, the collector activates IFCIDs 44,45,213,214,105,107.

Required or optional
Optional (Required in case KD2_PF_HIS_START is set to Y)

Default value
N

Permissible values
Y, N

Location where the parameter value is stored
In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
LOCKSUSP(<value>Y)

In the Configuration Tool (ICAT)
Panel name
Near-Term History

Panel ID
KD261PB

Panel field
Lock suspension

Default value
N

Permissible values
Y, N

Batch parameter name
KD2_PF_HIS_LOCK_SUSP

PARMGEN name
KD2_PFnn_HIS_LOCK_SUSP

PARMGEN classification
NTH
**KD2_PFnn_HIS_LOG1**

VSAM log dataset 1

**Description**

Specify a name for the VSAM log dataset to be created. Specify at least two datasets to allow for log switching. The Near-Term History Data Collector will automatically switch to a free log dataset when the current dataset is full. Near-Term History VSAM dataset names must be unique for each DB2 subsystem.

**Required or optional**

Optional (Required in case KD2_PF_HIS_START is set to Y)

**Default value**

%RTE_VSAM_HILEV%,%RTE_NAME%,%DB%,RKD2VS01

**Locations where the parameter value is stored**

- **Location 1**
  In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library
  
  **Output line**
  
  ENTRIES(’<value>’) -

- **Location 2**
  In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library
  
  **Output line**
  
  (NAME(<value>) -

- **Location 3**
  In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library
  
  **Output line**
  
  <value>

- **Location 4**
  In the HCRVssid member of the rhilev.midlev.rtename.RKD2SAM library
  
  **Output line**
  
  DEFINE CLUSTER( NAME(<value>) -

**In the Configuration Tool (ICAT)**

- **Panel name**
  Near-Term History

- **Panel ID**
  KD261P7

- **Panel field**
  VSAM log data set name

- **Default value**
  None

**Batch parameter name**

KD2_PF_HIS_LOG1

**PARMGEN name**

KD2_PFnn_HIS_LOG1

**PARMGEN classification**

NTH
KD2_PF_HIS_LOG2

KD2_PFnn_HIS_LOG2
VSAM log dataset 2

Description
Specify a name for the VSAM log dataset to be created. Specify at least two datasets to allow for log switching. The Near-Term History Data Collector will automatically switch to a free log dataset when the current dataset is full. Near-Term History VSAM dataset names must be unique for each DB2 subsystem.

Required or optional
Optional (Required in case KD2_PF_HIS_START is set to Y)

Default value
%RTE_VSAM_HILEV%-%RTE_NAME%-%DB%-%RD2VS02

Locations where the parameter value is stored

Location 1
In the ALLOCDS member of the rhilev.midlev.rytename.RKD2SAM library

Output line
ENTRIES('value') -

Location 2
In the ALLOCDS member of the rhilev.midlev.rytename.RKD2SAM library

Output line
(NAME(<value>) -

Location 3
In the COPTssid member of the rhilev.midlev.rytename.RKD2PAR library

Output line
<value>

Location 4
In the HCRVssid member of the rhilev.midlev.rytename.RKD2SAM library

Output line
DEFINE CLUSTER( NAME(<value>) -

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261P7

Panel field
VSAM log data set name

Default value
None

Batch parameter name
KD2_PF_HIS_LOG2

PARMGEN name
KD2_PFnn_HIS_LOG2

PARMGEN classification
NTH
**KD2_PFnn_HIS_LOG3**

VSAM log dataset 3

**Description**

Specify a name for the VSAM log dataset to be created. Specify at least two datasets to allow for log switching. The Near-Term History Data Collector will automatically switch to a free log dataset when the current dataset is full. Near-Term History VSAM dataset names must be unique for each DB2 subsystem.

**Required or optional**

Optional

**Default value**

%RTE_VSAM_HILEV%.%RTE_NAME%.%DB%.RKD2VS03

**Locations where the parameter value is stored**

**Location 1**

In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

(NAME(<value>)

**Location 2**

In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

ENTRIES('<value>'

**Location 3**

In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

<value>

**Location 4**

In the HCRVssid member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

DEFINE CLUSTER( NAME(<value>)

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261P7

**Panel field**

VSAM log data set name

**Default value**

None

**Batch parameter name**

KD2_PF_HIS_LOG3

**PARMGEN name**

KD2_PFnn_HIS_LOG3

**PARMGEN classification**

NTH
KD2_PF_HIS_LOG4

KD2_PFnn_HIS_LOG4
VSAM log dataset 4

Description
Specify a name for the VSAM log dataset to be created. Specify at least two datasets to allow for log switching. The Near-Term History Data Collector will automatically switch to a free log dataset when the current dataset is full. Near-Term History VSAM dataset names must be unique for each DB2 subsystem.

Required or optional
Optional

Default value
%RTE_VSAM_HILEV%.%RTE_NAME%.%DB%.RKD2VS04

Locations where the parameter value is stored

Location 1
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library
Output line
(NAME(<value>) -

Location 2
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library
Output line
ENTRIES(''<value>'') -

Location 3
In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library
Output line
<value>

Location 4
In the HCRVssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
DEFINE CLUSTER( NAME(<value>) -

In the Configuration Tool (ICAT)
Panel name
Near-Term History

Panel ID
KD261P7

Panel field
VSAM log data set name

Default value
None

Batch parameter name
KD2_PF_HIS_LOG4

PARMGEN name
KD2_PFnn_HIS_LOG4

PARMGEN classification
NTH
KD2_PFnn_HIS_LOG5
VSAM log dataset 5

Description
Specify a name for the VSAM log dataset to be created. Specify at least two datasets to allow for log switching. The Near-Term History Data Collector will automatically switch to a free log dataset when the current dataset is full. Near-Term History VSAM dataset names must be unique for each DB2 subsystem.

Required or optional
Optional

Default value
%RTE_VSAM_HILEV%.%RTE_NAME%-%DB%-%RKB2VS05

Locations where the parameter value is stored
Location 1
In the ALLOCDS member of the rilev.midlev.rname.RKD2SAM library
Output line
(NAME(<value>) -

Location 2
In the ALLOCDS member of the rilev.midlev.rname.RKD2SAM library
Output line
ENTRIES(''<value>'') -

Location 3
In the COPTssid member of the rilev.midlev.rname.RKD2PAR library
Output line
<value>

Location 4
In the HCRVssid member of the rilev.midlev.rname.RKD2SAM library
Output line
DEFINE CLUSTER( NAME(<value>) -

In the Configuration Tool (ICAT)
Panel name
Near-Term History
Panel ID
KD261P7
Panel field
VSAM log data set name
Default value
None

Batch parameter name
KD2_PF_HIS_LOG5

PARMGEN name
KD2_PFnn_HIS_LOG5

PARMGEN classification
NTH
KD2_PF_HIS_LOG6

**KD2_PFnn_HIS_LOG6**
VSAM log dataset 6

**Description**
Specify a name for the VSAM log dataset to be created. Specify at least two datasets to allow for log switching. The Near-Term History Data Collector will automatically switch to a free log dataset when the current dataset is full. Near-Term History VSAM dataset names must be unique for each DB2 subsystem.

**Required or optional**
Optional

**Default value**
%RTE_VSAM_HILEV%.%RTE_NAME%.%DB%.RKD2VS06

**Locations where the parameter value is stored**

**Location 1**
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

Output line
(NAME(<value>) -

**Location 2**
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

Output line
ENTRIES(''<value>'') -

**Location 3**
In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
=value

**Location 4**
In the HCRVssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
DEFINE CLUSTER( NAME(<value>) -

**In the Configuration Tool (ICAT)**

**Panel name**
Near-Term History

**Panel ID**
KD261P7

**Panel field**
VSAM log data set name

**Default value**
None

**Batch parameter name**
KD2_PF_HIS_LOG6

**PARMGEN name**
KD2_PFnn_HIS_LOG6

**PARMGEN classification**
NTH
**Description**

Specify a name for the VSAM log dataset to be created. Specify at least two datasets to allow for log switching. The Near-Term History Data Collector will automatically switch to a free log dataset when the current dataset is full. Near-Term History VSAM dataset names must be unique for each DB2 subsystem.

**Required or optional**

Optional

**Default value**

\%RTE_VSAM_HILEV\%\%RTE_NAME\%\%DB\%RKD2VS07

**Locations where the parameter value is stored**

**Location 1**

In the ALLOCDS member of the rhllev.midlev.rtename.RKD2SAM library

Output line

(NAME(<value>) -

**Location 2**

In the ALLOCDS member of the rhllev.midlev.rtename.RKD2SAM library

Output line

ENTRIES(',<value>') -

**Location 3**

In the COPTssid member of the rhllev.midlev.rtename.RKD2PAR library

Output line

<value>

**Location 4**

In the HCRVssid member of the rhllev.midlev.rtename.RKD2SAM library

Output line

DEFINE CLUSTER( NAME(<value>) -

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261P7

**Panel field**

VSAM log data set name

**Default value**

None

**Batch parameter name**

KD2_PF_HIS_LOG7

**PARMGEN name**

KD2_PFnn_HIS_LOG7

**PARMGEN classification**

NTH
KD2_PF_HIS_NEQSQL

KD2_PFnn_HIS_NEQSQL
Negative SQL option

Description
Specifies whether or not the number of SQL calls executed by a thread which resulted in a negative return code is collected. If Y is entered, the collector activates IFCIDs 58,59,60,61,62,64,65 and 66 to the DB2 START TRACE PERFORMANCE command.

Required or optional
Optional (Required in case KD2_PF_HIS_START is set to Y)

Default value
N

Permissible values
Y, N

Location where the parameter value is stored
In the COPTssid member of the rhlev.midlev.rtename.RKD2PAR library

Output line
NEGSQL(<value>Y)

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261PB

Panel field
Negative SQL

Default value
N

Permissible values
Y, N

Batch parameter name
KD2_PF_HIS_NEQSQL

PARMGEN name
KD2_PFnn_HIS_NEQSQL

PARMGEN classification
NTH
**KD2_PFnn_HIS_POSTPCT**

**Threshold for historical collection**

**Description**

Specifies the option to tune the Near-Term History Data Collector if you often see the DSNW133I messages issued by DB2. This value is used to compute a "high water mark" or threshold for historical collection. This threshold is a percentage of the total number of bytes in the IFI buffer. When this threshold is exceeded, DB2 will post the Near-Term History Data Collector to drain the buffer. The Near-Term History Data Collector will allow any percentage value from 1-99. Start from the default value of 70 and test small increments up or down.

**Required or optional**

Optional (Required in case KD2_PF_HIS_START is set to Y)

**Default value**

70

**Minimum**

1

**Maximum**

99

**Location where the parameter value is stored**

In the COPTssid member of the rhilev.midlev.rename.RKD2PAR library

**Output line**

POSTPCT(<value>)

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261P8

**Panel field**

Threshold

**Default value**

70

**Minimum**

1

**Maximum**

99

**Batch parameter name**

KD2_PF_HIS_POSTPCT

**PARMGEN name**

KD2_PFnn_HIS_POSTPCT

**PARMGEN classification**

NTH
Collect scan summary data

**Description**

This specifies whether scan data is collected.

If **Y** is entered, the collector activates IFCIDs 15,16,17,18.

**Required or optional**

Optional (Required in case KD2_PF_HIS_START is set to **Y**)

**Default value**

**N**

**Permissible values**

**Y**, **N**

**Location where the parameter value is stored**

In the COPTssid member of the `rhilev.midlev.rtename.RKD2PAR` library

**Output line**

```plaintext
SCAN(<value>Y)
```

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261PB

**Panel field**

Scan summary

**Default value**

**N**

**Permissible values**

**Y**, **N**

**Batch parameter name**

KD2_PF_HIS_SCAN_SUMM

**PARMGEN name**

KD2_PFnn_HIS_SCAN_SUMM

**PARMGEN classification**

NTH
**KD2_PFnn_HIS_SEQLOG1**

Sequential dataset 1

**Description**

Specify names for up to 7 sequential datasets that will be created for trace data collection. A minimum of 2 datasets is required. Ensure that the set of historical sequential datasets is unique for each DB2 subsystem.

This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

**Required or optional**

Optional (Required in case KD2_PF_HIS_START is set to C,Y and KD2_PF_HIS_SEQ_TYP is set to S)

**Default value**

None

**Locations where the parameter value is stored**

**Location 1**

In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

```
LISTCAT ENTRIES(''<value>'') NAME
```

**Location 2**

In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

```
ALLOC DSNAME(''<value>'') -
```

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261PZ1

**Panel field**

Dataset name

**Default value**

None

**Batch parameter name**

KD2_PF_HIS_SEQLOG1

**PARMGEN name**

KD2_PFnn_HIS_SEQLOG1

**PARMGEN classification**

NTH
**KD2_PF_HIS_SEQLOG2**

**KD2_PFnn_HIS_SEQLOG2**
Sequential dataset 2

**Description**
Specify the name of sequential dataset 2. See KD2_PFnn_HIS_SEQLOG1 for details.

**Required or optional**
Optional (Required in case KD2_PF_HIS_START is set to C,Y and KD2_PF_HIS_SEQ_TYP is set to S)

**Default value**
None

**Locations where the parameter value is stored**

Location 1
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library
Output line
LISTCAT ENTRIES('<value>') NAME

Location 2
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library
Output line
ALLOC DNAME('<value>') -

**In the Configuration Tool (ICAT)**

**Panel name**
Near-Term History

**Panel ID**
KD261PZ1

**Panel field**
Dataset name

**Default value**
None

**Batch parameter name**
KD2_PF_HIS_SEQLOG2

**PARMGEN name**
KD2_PFnn_HIS_SEQLOG2

**PARMGEN classification**
NTH
**KD2_PFnn_HIS_SEQLOG3**

Sequential dataset 3

**Description**

Specify the name of sequential dataset 3. See KD2_PFnn_HIS_SEQLOG1 for details.

**Required or optional**

Optional

**Default value**

None

**Locations where the parameter value is stored**

**Location 1**

In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

LISTCAT ENTRIES('<value>') NAME

**Location 2**

In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

ALLOC DSNAMES('<value>') -

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261PZ1

**Panel field**

Dataset name

**Default value**

None

**Batch parameter name**

KD2_PF_HIS_SEQLOG3

**PARMGEN name**

KD2_PFnn_HIS_SEQLOG3

**PARMGEN classification**

NTH
**KD2_PF_HIS_SEQLOG4**

**KD2_PFnHIS_SEQLOG4**
Sequential dataset 4

**Description**
Specify the name of sequential dataset 4. See KD2_PFn_HIS_SEQLOG1 for details.

**Required or optional**
Optional

**Default value**
None

**Locations where the parameter value is stored**

**Location 1**
In the ALLOCDS member of the rhilev.midlev.rttename.RKD2SAM library

**Output line**
LISTCAT ENTRIES('value') NAME

**Location 2**
In the ALLOCDS member of the rhilev.midlev.rttename.RKD2SAM library

**Output line**
ALLOC DSNAM('value') -

**In the Configuration Tool (ICAT)**

**Panel name**
Near-Term History

**Panel ID**
KD261PZ1

**Panel field**
Dataset name

**Default value**
None

**Batch parameter name**
KD2_PF_HIS_SEQLOG4

**PARMGEN name**
KD2_PFn_HIS_SEQLOG4

**PARMGEN classification**
NTH
**KD2_PFnn_HIS_SEQLOG5**

**Sequential dataset 5**

**Description**

Specify the name of sequential dataset 5. See KD2_PFnn_HIS_SEQLOG1 for details.

**Required or optional**

Optional

**Default value**

None

**Locations where the parameter value is stored**

**Location 1**

In the ALLOCDS member of the rllev.midlev.rtename.RKD2SAM library

**Output line**

```
LISTCAT ENTRIES('value') NAME
```

**Location 2**

In the ALLOCDS member of the rllev.midlev.rtename.RKD2SAM library

**Output line**

```
ALLOC DSNAM('value') -
```

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261PZ1

**Panel field**

Dataset name

**Default value**

None

**Batch parameter name**

KD2_PF_HIS_SEQLOG5

**PARMGEN name**

KD2_PFnn_HIS_SEQLOG5

**PARMGEN classification**

NTH
KD2_PF_HIS_SEQLOG6

KD2_PFnn_HIS_SEQLOG6
Sequential dataset 6

Description
Specify the name of sequential dataset 6. See KD2_PFnn_HIS_SEQLOG1 for details.

Required or optional
Optional

Default value
None

Locations where the parameter value is stored

Location 1
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library
Output line
LISTCAT ENTRIES('<value>') NAME

Location 2
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library
Output line
ALLOC DSNAMES('<value>') -

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261PZ1

Panel field
Dataset name

Default value
None

Batch parameter name
KD2_PF_HIS_SEQLOG6

PARMGEN name
KD2_PFnn_HIS_SEQLOG6

PARMGEN classification
NTH
**KD2_PFnn_HIS_SEQLOG7**

Sequential dataset 7

**Description**

Specify the name of sequential dataset 7. See KD2_PFnn_HIS_SEQLOG1 for details.

**Required or optional**

Optional

**Default value**

None

**Locations where the parameter value is stored**

**Location 1**

In the ALLOCDS member of the $rhilev.midlev.rtename$.RKD2SAM library

**Output line**

```
LISTCAT ENTRIES('<value>' ) NAME
```

**Location 2**

In the ALLOCDS member of the $rhilev.midlev.rtename$.RKD2SAM library

**Output line**

```
ALLOC DSNAME('<value>') -
```

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261PZ1

**Panel field**

Dataset name

**Default value**

None

**Batch parameter name**

KD2_PF_HIS_SEQLOG7

**PARMGEN name**

KD2_PFnn_HIS_SEQLOG7

**PARMGEN classification**

NTH
**Description**

Specify the name of the archive dataset.

In case you selected GDG specify the following parameters:

Specify the name for the base dataset of the Generation Data Group GDG. For the GDG type, the dataset name can have a maximum of 35 characters.

In case you selected DYN specify the following parameters:

Use the following variables to construct the sequential dataset name. To ensure unique dataset names you must use at least @DB2, @DATE and @TIME:

- **@DB2** Inserts the DB2 subsystem ID of the data being collected into the name of the dataset.
- **@DATE** Inserts the date of the first record in the dataset into the name of the dataset.
- **@TIME** Inserts the time of the first record in the dataset into the name of the dataset.

This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

**Required or optional**

Optional (Required in case KD2_PF_HIS_START is set to C,Y and KD2_PF_HIS_SEQ_TYP is set to S)

**Default value**

None

**Locations where the parameter value is stored**

- **Location 1**
  
  In the ALLOCDS member of the `rhilev.midlev.rtename.RKD2SAM` library

  **Output line**
  
  `NAME ('<value>') -`

- **Location 2**
  
  In the ALLOCDS member of the `rhilev.midlev.rtename.RKD2SAM` library

  **Output line**
  
  `ENTRIES('<value>') -`

**In the Configuration Tool (ICAT)**

- **Panel name**
  
  Near-Term History

- **Panel ID**
  
  KD261PZA

- **Panel field**
  
  Archive dataset name

- **Default value**
  
  None

**Batch parameter name**

KD2_PF_HIS_SEQ_ARC_DS
PARMGEN name
    KD2_PFnn_HIS_SEQ_ARC_DS

PARMGEN classification
    NTH
**KD2_PF_HIS_SEQ_ARC_GDGLIM**

**KD2_PFnn_HIS_SEQ_ARC_GDGLIM**
GDG Limit for the archive dataset

**Description**
Specify the number of GDG generations to be used for this GDG. You can specify 1 to 255.

This field is only applicable if you specified GDG as the storage mechanism to be used for archiving.

**Required or optional**
Optional (Required in case KD2_PF_HIS_START is set to C,Y and KD2_PF_HIS_SEQ_TYP is set to S and KD2_PF_HIS_SEQ_ARC_TYP is set to GDG)

**Default value**
7

**Minimum**
1

**Maximum**
255

**Location where the parameter value is stored**
In the ALLOCDS member of the **rhilev.midlev.runame.RKD2SAM** library

**Output line**
LIMIT(<value>))

**In the Configuration Tool (ICAT)**

**Panel name**
Near-Term History

**Panel ID**
KD261PZA

**Panel field**
Limit for GDG data sets

**Default value**
7

**Minimum**
1

**Maximum**
255

**Batch parameter name**
KD2_PF_HIS_SEQ_ARC_GDGLIM

**PARMGEN name**
KD2_PFnn_HIS_SEQ_ARC_GDGLIM

**PARMGEN classification**
NTH
KD2_PFnn_HIS_SEQ_ARC_MCLAS
Management class for archive datasets

Description
If the dataset is SMS-managed, then specify the SMS management class to be used on the allocation. If your installation does not use the SMS MGMTCLAS parameter, you can leave this field blank.

This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

Required or optional
Optional

Default value
%RTE_SMS_MGMTCLAS%

Locations where the parameter value is stored

Location 1
In the ALLOCDS member of the rilev.midlev.rtenant.RKD2SAM library

Output line
MGMTCLAS(<value>)

Location 2
In the HCRVssid member of the rilev.midlev.rtenant.RKD2SAM library

Output line
MGMTCLAS(<value>)

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261PZA

Panel field
Mgmtclas

Default value
&RTESMGT

Batch parameter name
KD2_PF_HIS_SEQ_ARC_MCLAS

PARMGEN name
KD2_PFnn_HIS_SEQ_ARC_MCLAS

PARMGEN classification
NTH
Description
If the dataset is SMS-managed, then specify the SMS storage class to be used on the allocation. If your installation does not use the SMS STORCLAS parameter, you can leave this field blank.
This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

Required or optional
Optional

Default value
%RTE_SMS_STORCLAS%

Locations where the parameter value is stored

Location 1
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library
Output line
STORCLAS(<value>)

Location 2
In the HCRVssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
STORCLAS(<value>)

In the Configuration Tool (ICAT)
Panel name
Near-Term History
Panel ID
KD261PZA
Panel field
Storclas
Default value
&RTESTOR

Batch parameter name
KD2_PF_HIS_SEQ_ARC_SCLAS

PARMGEN name
KD2_PFnn_HIS_SEQ_ARC_SCLAS

PARMGEN classification
NTH
KD2_PFnn_HIS_SEQ_ARC_TYP

Storage mechanism for archive datasets

**Description**

You configured the Near-Term History Data Collector to store the trace data to VSAM datasets and sequential datasets VSAMSEQ and you specified the storage mechanism.

On this panel you can specify the information used to create the archive datasets that are generated by the Near-Term History Data Collector. You can choose from 2 alternatives:

- **GDG** a Generation Data Group is generated
- **DYN** the Near-Term History Data Collector always allocates a new dataset when the currently used dataset is full.

This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

**Required or optional**

Optional (Required in case KD2_PF_HIS_START is set to C,Y and KD2_PF_HIS_SEQ_TYP is set to S)

**Default value**

GDG

**Permissible values**

GDG, DYN

**Location where the parameter value is stored**

This value is not stored in a configuration member.

**In the Configuration Tool (ICAT)**

- **Panel name**
  Near-Term History

- **Panel ID**
  KD261PZA

- **Panel field**
  Storage mechanism

- **Default value**
  GDG

- **Permissible values**
  GDG, DYN

**Batch parameter name**

KD2_PF_HIS_SEQ_ARC_TYP

**PARMGEN name**

KD2_PFnn_HIS_SEQ_ARC_TYP

**PARMGEN classification**

NTH
KD2_PF_HIS_SEQ_ARC_UNIT

KD2_PFnn_HIS_SEQ_ARC_UNIT
Unit for the archive datasets

Description
Specify the unit name for the allocation of the dataset. If the dataset is not SMS-managed then this is a required entry. If your installation does not use the unit name, you can leave this field blank.

This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

Required or optional
Optional

Default value
%RTE_SMS_UNIT%

Locations where the parameter value is stored

Location 1
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library
Output line
UNIT(<value>)

Location 2
In the HCRVssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
UNIT(<value>)

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261PZA

Panel field
Unit

Default value
&RTEU

Batch parameter name
KD2_PF_HIS_SEQ_ARC_UNIT

PARMGEN name
KD2_PFnn_HIS_SEQ_ARC_UNIT

PARMGEN classification
NTH
KD2_PFnn_HIS_SEQ_ARC_VOLUME

Volser for the archive datasets

Description

Specify the volume serial numbers for the allocation of the dataset. If the dataset is not to be
SMS-managed, then this is a required entry. If your installation does not use the volume serial
number, you can leave this field blank.

This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is
STATIC SEQUENTIAL.

Required or optional

Optional

Default value

%RTE_SMS_VOLUME%

Locations where the parameter value is stored

Location 1

In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

Output line

VOLUME(<value>)

Location 2

In the HCRVssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line

VOLUME(<value>)

In the Configuration Tool (ICAT)

Panel name

Near-Term History

Panel ID

KD261PZA

Panel field

Volser

Default value

&RTEV

Batch parameter name

KD2_PF_HIS_SEQ_ARC_VOL

PARMGEN name

KD2_PFnn_HIS_SEQ_ARC_VOLUME

PARMGEN classification

NTH
KD2_PF_HIS_SEQ_MCLAS1

KD2_PFnn_HIS_SEQ_MCLAS1
Mgmt Class for sequential dataset 1

Description
If the historical sequential datasets are SMS-managed, then specify the SMS management class to be used on the allocation. If your installation does not use the SMS MGMTCLAS parameter, you can leave this field blank.

This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

Required or optional
Optional

Default value
%RTE_SMS_MGMTCLAS%

Location where the parameter value is stored
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

Output line
MGMTCLAS(<value>) +

In the Configuration Tool (ICAT)
Panel name
Near-Term History

Panel ID
KD261PZ1

Panel field
Mgmtclas

Default value
&RTESMGRT

Batch parameter name
KD2_PF_HIS_SEQ_MCLAS1

PARMGEN name
KD2_PFnn_HIS_SEQ_MCLAS1

PARMGEN classification
NTH
**KD2_PFnn_HIS_SEQ_MCLAS2**

**Mgmt Class for sequential dataset 2**

**Description**

If the historical sequential datasets are SMS-managed, then specify the SMS management class to be used on the allocation. If your installation does not use the SMS MGMTCLAS parameter, you can leave this field blank.

This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

**Required or optional**

Optional

**Default value**

%RTE_SMS_MGMTCLAS%

**Location where the parameter value is stored**

In the ALLOCDS member of the rhilev.midlev.rename.RKD2SAM library

**Output line**

MGMTCLAS(<value>) +

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261PZ1

**Panel field**

Mgmtclas

**Default value**

&RTESMGMT

**Batch parameter name**

KD2_PF_HIS_SEQ_MCLAS2

**PARMGEN name**

KD2_PFnn_HIS_SEQ_MCLAS2

**PARMGEN classification**

NTH
KD2_PF_HIS_SEQ_MCLAS3

KD2_PFnn_HIS_SEQ_MCLAS3
Mgmt Class for sequential dataset 3

Description
If the historical sequential datasets are SMS-managed, then specify the SMS management class to be used on the allocation. If your installation does not use the SMS MGMTCLAS parameter, you can leave this field blank.

This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

Required or optional
Optional

Default value
%RTE_SMS_MGMTCLAS%

Location where the parameter value is stored
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

Output line
MGMTCLAS(<value>) +

In the Configuration Tool (ICAT)
Panel name
Near-Term History

Panel ID
KD261PZ1

Panel field
Mgmtclas

Default value
&RTESTMG

Batch parameter name
KD2_PF_HIS_SEQ_MCLAS3

PARMGEN name
KD2_PFnn_HIS_SEQ_MCLAS3

PARMGEN classification
NTH
**KD2_PFnn_HIS_SEQ_MCLAS4**

Mgmt Class for sequential dataset 4

**Description**

If the historical sequential datasets are SMS-managed, then specify the SMS management class to be used on the allocation. If your installation does not use the SMS MGMTCLAS parameter, you can leave this field blank.

This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

**Required or optional**

Optional

**Default value**

%RTE_SMS_MGMTCLAS%

**Location where the parameter value is stored**

In the ALLOCDS member of the rhilev.midlev rtename.RKD2SAM library

**Output line**

MGMTCLAS(<value>) +

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261PZ1

**Panel field**

Mgmtclas

**Default value**

&RTESMGT

**Batch parameter name**

KD2_PF_HIS_SEQ_MCLAS4

**PARMGEN name**

KD2_PFnn_HIS_SEQ_MCLAS4

**PARMGEN classification**

NTH
**KD2_PF_HIS_SEQ_MCLAS5**

**KD2_PFnn_HIS_SEQ_MCLAS5**
Mgmt Class for sequential dataset 5

**Description**

If the historical sequential datasets are SMS-managed, then specify the SMS management class to be used on the allocation. If your installation does not use the SMS MGMTCLAS parameter, you can leave this field blank.

This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

**Required or optional**

Optional

**Default value**

%RTE_SMS_MGMTCLAS%

**Location where the parameter value is stored**

In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

MGMTCLAS(<value>) +

**In the Configuration Tool (ICAT)**

**Panel name**
Near-Term History

**Panel ID**
KD261PZ1

**Panel field**
Mgmtclas

**Default value**

&RTESMGFT

**Batch parameter name**

KD2_PF_HIS_SEQ_MCLAS5

**PARMGEN name**

KD2_PFnn_HIS_SEQ_MCLAS5

**PARMGEN classification**

NTH
KD2_PFnn_HIS_SEQ_MCLAS6

Mgmt Class for sequential dataset 6

Description

If the historical sequential datasets are SMS-managed, then specify the SMS management class to be used on the allocation. If your installation does not use the SMS MGMTCLAS parameter, you can leave this field blank.

This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

Required or optional
Optional

Default value
%RTE_SMS_MGMTCLAS%

Location where the parameter value is stored
In the ALLOCDS member of the rhilev.midlev.rtname.RKD2SAM library

Output line
MGMTCLAS(<value>) +

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261PZ1

Panel field
Mgmtclas

Default value
&RTESMG

Batch parameter name
KD2_PF_HIS_SEQ_MCLAS6

PARMGEN name
KD2_PFnn_HIS_SEQ_MCLAS6

PARMGEN classification
NTH
KD2_PF_HIS_SEQ_MCLAS7

KD2_PFnn_HIS_SEQ_MCLAS7
Mgmt Class for sequential dataset 7

Description
If the historical sequential datasets are SMS-managed, then specify the SMS management class to be used on the allocation. If your installation does not use the SMS MGMTCLAS parameter, you can leave this field blank.

This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

Required or optional
Optional

Default value
%RTE_SMS_MGMTCLAS%

Location where the parameter value is stored
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

Output line
MGMTCLAS(<value>) +

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261PZ1

Panel field
Mgmtclas

Default value
&RTESMGMT

Batch parameter name
KD2_PF_HIS_SEQ_MCLAS7

PARMGEN name
KD2_PFnn_HIS_SEQ_MCLAS7

PARMGEN classification
NTH
**KD2_PFnn_HIS_SEQ_PRIMARY_CYL**

Primary space for sequential datasets

**Description**

Specify the primary space allocation used for the sequential datasets. The default is 10 cylinders.

This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

**Required or optional**

Optional (Required in case KD2_PF_HIS_START is set to C,Y and KD2_PF_HIS_SEQ_TYP is set to S)

**Default value**

10

**Minimum**

3

**Maximum**

9999

**Locations where the parameter value is stored**

1. In the ALLOCDS member of the `rhilev.midlev.rtename.RKD2SAM` library
   
   **Output line**
   
   DSORG(PS) SPACE(<value> <KD2_PFnn_HIS_SEQ_SECONDARY_CYL>) CYLINDERS

2. In the COPTssid member of the `rhilev.midlev.rtename.RKD2PAR` library
   
   **Output line**
   
   SPACE(CYL,<value>,<KD2_PFnn_HIS_SEQ_SECONDARY_CYL>)

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261PZ1

**Panel field**

Primary space

**Default value**

10

**Minimum**

3

**Maximum**

9999

**Batch parameter name**

KD2_PF_HIS_SEQ_PRI_CYL

**PARMGEN name**

KD2_PFnn_HIS_SEQ_PRIMARY_CYL

**PARMGEN classification**

NTH
KD2_PF_HIS_SEQ_SCLAS1

KD2_PFnn_HIS_SEQ_SCLAS1

Storage class for sequential dataset 1

Description

If the historical sequential datasets are SMS-managed, then specify the SMS storage class to be used on the allocation. If your installation does not use the SMS STORCLAS parameter, you can leave this field blank.

This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

Required or optional

Optional

Default value

%RTE_SMS_STORCLAS%

Location where the parameter value is stored

In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

Output line

STORCLAS(<value>) +

In the Configuration Tool (ICAT)

Panel name

Near-Term History

Panel ID

KD261PZ1

Panel field

Storclas

Default value

&RTESTOR

Batch parameter name

KD2_PF_HIS_SEQ_SCLAS1

PARMGEN name

KD2_PFnn_HIS_SEQ_SCLAS1

PARMGEN classification

NTH
**KD2_PFnn_HIS_SEQ_SCLAS2**

Storage class for sequential dataset 2

**Description**

If the historical sequential datasets are SMS-managed, then specify the SMS storage class to be used on the allocation. If your installation does not use the SMS STORCLAS parameter, you can leave this field blank.

This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

**Required or optional**

Optional

**Default value**

%RTE_SMS_STORCLAS%

**Location where the parameter value is stored**

In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

STORCLAS(<value>) +

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261PZ1

**Panel field**

Storclas

**Default value**

&RTESTOR

**Batch parameter name**

KD2_PF_HIS_SEQ_SCLAS2

**PARMGEN name**

KD2_PFnn_HIS_SEQ_SCLAS2

**PARMGEN classification**

NTH
Storage class for sequential dataset 3

Description
If the historical sequential datasets are SMS-managed, then specify the SMS storage class to be used on the allocation. If your installation does not use the SMS STORCLAS parameter, you can leave this field blank.

This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

Required or optional
Optional

Default value
%RTE_SMS_STORCLAS%

Location where the parameter value is stored
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

Output line
STORCLAS(<value>) +

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261PZ1

Panel field
Storclas

Default value
&RTESTOR

Batch parameter name
KD2_PF_HIS_SEQ_SCLAS3

PARMGEN name
KD2_PFnn_HIS_SEQ_SCLAS3

PARMGEN classification
NTH
**KD2_PFnn_HIS_SEQ_SCLAS4**

Storage class for sequential dataset 4

**Description**

If the historical sequential datasets are SMS-managed, then specify the SMS storage class to be used on the allocation. If your installation does not use the SMS STORCLAS parameter, you can leave this field blank.

This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

**Required or optional**

Optional

**Default value**

%RTE_SMS_STORCLAS%

**Location where the parameter value is stored**

In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

STORCLAS(<value>) +

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261PZ1

**Panel field**

Storclas

**Default value**

&RTESTOR

**Batch parameter name**

KD2_PF_HIS_SEQ_SCLAS4

**PARMGEN name**

KD2_PFnn_HIS_SEQ_SCLAS4

**PARMGEN classification**

NTH
Storage class for sequential dataset 5

Description
If the historical sequential datasets are SMS-managed, then specify the SMS storage class to be used on the allocation. If your installation does not use the SMS STORCLAS parameter, you can leave this field blank.

This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

Required or optional
Optional

Default value
%RTE_SMS_STORCLAS%

Location where the parameter value is stored
In the ALLOCDS member of the rhilev.midlev.rtname.RKD2SAM library

Output line
STORCLAS(<value>) +

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261PZ1

Panel field
Storclas

Default value
&RTESTOR

Batch parameter name
KD2_PF_HIS_SEQ_SCLAS5

PARMGEN name
KD2_PFnn_HIS_SEQ_SCLAS5

PARMGEN classification
NTH
**KD2_PFnn_HIS_SEQ_SCLAS6**  
Storage class for sequential dataset 6

**Description**

If the historical sequential datasets are SMS-managed, then specify the SMS storage class to be used on the allocation. If your installation does not use the SMS STORCLAS parameter, you can leave this field blank.

This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

**Required or optional**

Optional

**Default value**

%RTE_SMS_STORCLAS%

**Location where the parameter value is stored**

In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

STORCLAS(<value>) +

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261PZ1

**Panel field**

Storclas

**Default value**

&RTESTOR

**Batch parameter name**

KD2_PF_HIS_SEQ_SCLAS6

**PARMGEN name**

KD2_PFnn_HIS_SEQ_SCLAS6

**PARMGEN classification**

NTH
KD2_PF_HIS_SEQ_SCLAS7

KD2_PFnn_HIS_SEQ_SCLAS7
Storage class for sequential dataset 7

**Description**

If the historical sequential datasets are SMS-managed, then specify the SMS storage class to be used on the allocation. If your installation does not use the SMS STORCLAS parameter, you can leave this field blank.

This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

**Required or optional**
- Optional

**Default value**
- %RTE_SMS_STORCLAS%

**Location where the parameter value is stored**
- In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

```
STORCLAS(<value>) +
```

**In the Configuration Tool (ICAT)**

- **Panel name**: Near-Term History
- **Panel ID**: KD261PZ1
- **Panel field**: Storclas
- **Default value**: &RTESTOR

**Batch parameter name**

- KD2_PF_HIS_SEQ_SCLAS7

**PARMGEN name**

- KD2_PFnn_HIS_SEQ_SCLAS7

**PARMGEN classification**

- NTH
KD2_PFnn_HIS_SEQ_SECONDARY_CYL

Secondary space for sequential datasets

Description

Specify the secondary space allocation used for the sequential datasets. The default is 2 cylinders. This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

Required or optional

Optional (Required in case KD2_PF_HIS_START is set to C,Y and KD2_PF_HIS_SEQ_TYP is set to S)

Default value

2

Minimum

0

Maximum

9999

Locations where the parameter value is stored

Location 1
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

Output line

DSORG(PS) SPACE(<KD2_PFnn_HIS_SEQ_PRIMARY_CYL> <value>) CYLINDERS

Location 2
In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line

SPACE(CYL,<KD2_PFnn_HIS_SEQ_PRIMARY_CYL>,<value>)

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261PZ1

Panel field
Secondary space

Default value

2

Minimum

0

Maximum

9999

Batch parameter name

KD2_PF_HIS_SEQ_SEC_CYL

PARMGEN name

KD2_PFnn_HIS_SEQ_SECONDARY_CYL

PARMGEN classification

NTH
If you specified VSAMSEQ you can choose one of the following 3 alternatives to store trace data in sequential files:

**Static sequential S**
You may specify 2 to 7 sequential datasets for trace data collection. When the first dataset is full the Near-Term History Data Collector switches to the next available dataset. When the last available dataset in the sequence is full, the Near-Term History Data Collector switches to the first dataset in the sequence again and overwrites the data in the first dataset. Each time the Near-Term History Data Collector switches to a full sequential dataset to overwrite it, you can archive its content to additional sequential datasets.

**Dynamic sequential D**
The Near-Term History Data Collector always allocates a new dataset when the currently used dataset becomes full. As a result, the collected data is not overwritten.

**GDG G**
In this case a Generation Data Group GDG is used. The mechanism is similar to the one described for the storage type Static sequential. When all datasets are full the Near-Term History Data Collector overwrites the trace data in the first dataset. However, in a GDG, the z/OS, not the Near-Term History Data Collector, switches between the different datasets generations. For this alternative archiving is not supported.

**Required or optional**
Optional (Required in case KD2_PF_HIS_START is set to C,Y and KD2_PF_HIS_STORE is set to VSAMSEQ)

**Default value**
S

**Permissible values**
S, D, G

**Location where the parameter value is stored**
This value is not stored in a configuration member.

**In the Configuration Tool (ICAT)**

**Panel name**
Near-Term History

**Panel ID**
KD261PX

**Panel field**
Storage mechanism

**Default value**
S

**Permissible values**
S, D, G

**Batch parameter name**
KD2_PF_HIS_SEQ_TYP

**PARMGEN name**
KD2_PFnn_HIS_SEQ_TYP
PARMGEN classification
NTH
KD2_PF_HIS_SEQ_UNIT1

KD2_PFnn_HIS_SEQ_UNIT1
Unit for sequential dataset 1

Description
Specify the unit name for the allocation of the historical sequential datasets. If the historical sequential datasets are not SMS-managed then this is a required entry. If your installation does not use the unit name, you can leave this field blank.

Required or optional
Optional

Default value
%RTE_SMS_UNIT%

Location where the parameter value is stored
In the ALLOCDS member of the rhilev.midlev.rlename.RKD2SAM library

Output line
UNIT(<value>) +

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261PZ1

Panel field
Unit

Default value
&RTEU

Batch parameter name
KD2_PF_HIS_SEQ_UNIT1

PARMGEN name
KD2_PFnn_HIS_SEQ_UNIT1

PARMGEN classification
NTH
KD2_PFn_HIS_SEQ_UNIT2
Unit for sequential dataset 2

Description
Specify the unit name for the allocation of the historical sequential datasets. See KD2_PFn_HIS_SEQ_UNIT1 for details.

Required or optional
Optional

Default value
%RTE_SMS_UNIT%

Location where the parameter value is stored
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

Output line
UNIT(<value>) +

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261PZ1

Panel field
Unit

Default value
&RTEU

Batch parameter name
KD2_PF_HIS_SEQ_UNIT2

PARMGEN name
KD2_PFn_HIS_SEQ_UNIT2

PARMGEN classification
NTH
**KD2_PF_HIS_SEQ_UNIT3**

**KD2_PFnn_HIS_SEQ_UNIT3**

Unit for sequential dataset 3

**Description**

Specify the unit name for the allocation of the historical sequential datasets. See KD2_PFnn_HIS_SEQ_UNIT1 for details.

**Required or optional**

Optional

**Default value**

%RTE_SMS_UNIT%

**Location where the parameter value is stored**

In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

UNIT(<value>) +

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261PZ1

**Panel field**

Unit

**Default value**

&RTEU

**Batch parameter name**

KD2_PF_HIS_SEQ_UNIT3

**PARMGEN name**

KD2_PFnn_HIS_SEQ_UNIT3

**PARMGEN classification**

NTH
**KD2_PFnn_HIS_SEQ_UNIT4**

Unit for sequential dataset 4

**Description**

Specify the unit name for the allocation of the historical sequential datasets. See KD2_PFnn_HIS_SEQ_UNIT1 for details.

**Required or optional**

Optional

**Default value**

%RTE_SMS_UNIT%

**Location where the parameter value is stored**

In the ALLOCDS member of the rtlev.midlev.rtename.RKD2SAM library

**Output line**

UNIT(<value>) +

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261PZ1

**Panel field**

Unit

**Default value**

&RTEU

**Batch parameter name**

KD2_PF_HIS_SEQ_UNIT4

**PARMGEN name**

KD2_PFnn_HIS_SEQ_UNIT4

**PARMGEN classification**

NTH
**KD2_PF_HIS_SEQ_UNIT5**

**KD2_PFnn_HIS_SEQ_UNIT5**
Unit for sequential dataset 5

**Description**
Specify the unit name for the allocation of the historical sequential datasets. See KD2_PFnn_HIS_SEQ_UNIT1 for details.

**Required or optional**
Optional

**Default value**
%RTE_SMS_UNIT%

**Location where the parameter value is stored**
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**
UNIT(<value>) +

**In the Configuration Tool (ICAT)**

- **Panel name**
  Near-Term History

- **Panel ID**
  KD261PZ1

- **Panel field**
  Unit

- **Default value**
  &RTEU

**Batch parameter name**
KD2_PF_HIS_SEQ_UNIT5

**PARMGEN name**
KD2_PFnn_HIS_SEQ_UNIT5

**PARMGEN classification**
NTH
KD2_PFnn_HIS_SEQ_UNIT6

Unit for sequential dataset 6

**Description**

Specify the unit name for the allocation of the historical sequential datasets. See KD2_PFnn_HIS_SEQ_UNIT1 for details.

**Required or optional**

Optional

**Default value**

%RTE_SMS_UNIT%

**Location where the parameter value is stored**

In the ALLOCDS member of the rhilev.midlev.runame.RKD2SAM library

**Output line**

UNIT(<value>) +

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261PZ1

**Panel field**

Unit

**Default value**

&RTEU

**Batch parameter name**

KD2_PF_HIS_SEQ_UNIT6

**PARMGEN name**

KD2_PFnn_HIS_SEQ_UNIT6

**PARMGEN classification**

NTH
**KD2_PF_HIS_SEQ_UNIT7**

**KD2_PFnn_HIS_SEQ_UNIT7**

Unit for sequential dataset 7

**Description**

Specify the unit name for the allocation of the historical sequential datasets. See KD2_PFnn_HIS_SEQ_UNIT1 for details.

**Required or optional**

Optional

**Default value**

%RTE_SMS_UNIT%

**Location where the parameter value is stored**

In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

UNIT(<value>) +

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261PZ1

**Panel field**

Unit

**Default value**

&RTEU

**Batch parameter name**

KD2_PF_HIS_SEQ_UNIT7

**PARMGEN name**

KD2_PFnn_HIS_SEQ_UNIT7

**PARMGEN classification**

NTH
**Description**

Specify the volume serial number for the allocation of the historical sequential dataset. If the historical sequential datasets are not to be SMS-managed, then this is a required entry. If your installation does not use the volume serial number, you can leave this field blank.

This field is only applicable if the storage type is VSAMSEQ and the storage mechanism is STATIC SEQUENTIAL.

**Required or optional**

Optional

**Default value**

%RTE_SMS_VOLUME%

**Location where the parameter value is stored**

In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

VOLUME(<value>) +

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261PZ1

**Panel field**

Volser

**Default value**

&RTEV

**Batch parameter name**

KD2_PF_HIS_SEQ_VOL1

**PARMGEN name**

KD2_PFnn_HIS_SEQ_VOLUME1

**PARMGEN classification**

NTH
KD2_PF_HIS_SEQ_VOLUME2

**KD2_PFnn_HIS_SEQ_VOLUME2**
Volser for sequential dataset 2

**Description**
Specify the volume serial number for the allocation of the historical sequential dataset. See KD2PF_HIS_SEQ_VOL1 for details.

**Required or optional**
Optional

**Default value**
%RTE_SMS_VOLUME%

**Location where the parameter value is stored**
In the ALLOCDS member of the rhilev.midlew.rtename.RKD2SAM library

**Output line**
VOLUME(<value>) +

**In the Configuration Tool (ICAT)**

- **Panel name**
  Near-Term History
- **Panel ID**
  KD261PZ1
- **Panel field**
  Volser
- **Default value**
  &RTEV

**Batch parameter name**
KD2_PF_HIS_SEQ_VOL2

**PARMGEN name**
KD2_PFnn_HIS_SEQ_VOLUME2

**PARMGEN classification**
NTH
KD2_PFnn_HIS_SEQ_VOLUME3

Volser for sequential dataset 3

Description
Specify the volume serial number for the allocation of the historical sequential dataset. See KD2PF_HIS_SEQ_VOL1 for details.

Required or optional
Optional

Default value
%RTE_SMS_VOLUME%

Location where the parameter value is stored
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

Output line
VOLUME(<value>) +

In the Configuration Tool (ICAT)
Panel name
Near-Term History

Panel ID
KD261PZ1

Panel field
Volser

Default value
&RTEV

Batch parameter name
KD2_PF_HIS_SEQ_VOL3

PARMGEN name
KD2_PFnn_HIS_SEQ_VOLUME3

PARMGEN classification
NTH
**KD2_PF_HIS_SEQ_VOLUME4**

**KD2_PFnn_HIS_SEQ_VOLUME4**
Volser for sequential dataset 4

**Description**
Specify the volume serial number for the allocation of the historical sequential dataset. See KD2PF_HIS_SEQ_VOL1 for details.

**Required or optional**
Optional

**Default value**
%RTE_SMS_VOLUME%

**Location where the parameter value is stored**
In the ALLOCDS member of the rhilev.midlev.rttename.RKD2SAM library

**Output line**
VOLUME(<value> ) +

**In the Configuration Tool (ICAT)**

**Panel name**
Near-Term History

**Panel ID**
KD261PZ1

**Panel field**
Volser

**Default value**
&RTEV

**Batch parameter name**
KD2_PF_HIS_SEQ_VOL4

**PARMGEN name**
KD2_PFnn_HIS_SEQ_VOLUME4

**PARMGEN classification**
NTH
**KD2_PFnn_HIS_SEQ_VOLUME5**

Volser for sequential dataset 5

**Description**

Specify the volume serial number for the allocation of the historical sequential dataset. See KD2PF_HIS_SEQ_VOL1 for details.

**Required or optional**

Optional

**Default value**

%RTE_SMS_VOLUME%

**Location where the parameter value is stored**

In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

```
VOLUME(<value>) +
```

**In the Configuration Tool (ICAT)**

<table>
<thead>
<tr>
<th>Panel name</th>
<th>Near-Term History</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Panel ID</strong></td>
<td>KD261PZ1</td>
</tr>
<tr>
<td><strong>Panel field</strong></td>
<td>Volser</td>
</tr>
<tr>
<td><strong>Default value</strong></td>
<td>&amp;RTEV</td>
</tr>
</tbody>
</table>

**Batch parameter name**

KD2_PF_HIS_SEQ_VOL5

**PARMGEN name**

KD2_PFnn_HIS_SEQ_VOLUME5

**PARMGEN classification**

NTH
KD2_PF_HIS_SEQ_VOLUME6

KD2_PFnn_HIS_SEQ_VOLUME6
Volser for sequential dataset 6

Description
Specify the volume serial number for the allocation of the historical sequential dataset. See KD2PF_HIS_SEQ_VOL1 for details.

Required or optional
Optional

Default value
%RTE_SMS_VOLUME%

Location where the parameter value is stored
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

Output line
VOLUME(<value>) +

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261PZ1

Panel field
Volser

Default value
&RTEV

Batch parameter name
KD2_PF_HIS_SEQ_VOL6

PARMGEN name
KD2_PFnn_HIS_SEQ_VOLUME6

PARMGEN classification
NTH
**KD2_PFnn_HIS_SEQ_VOLUME7**

Volser for sequential dataset 7

**Description**

Specify the volume serial number for the allocation of the historical sequential dataset. See KD2PF_HIS_SEQ_VOL1 for details.

**Required or optional**

Optional

**Default value**

%RTE_SMS_VOLUME%

**Location where the parameter value is stored**

In the ALLOCD5 member of the rhilev.midlev.rlename.RKD2SAM library

**Output line**

VOLUME(<value>) +

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261PZ1

**Panel field**

Volser

**Default value**

&RTEV

**Batch parameter name**

KD2_PF_HIS_SEQ_VOL7

**PARMGEN name**

KD2_PFnn_HIS_SEQ_VOLUME7

**PARMGEN classification**

NTH
KD2_PF_HIS_SORT_SUMM

Collect sort summary data

Description
This specifies whether sort data is collected.
If Y is entered, the collector activates IFCIDs 95 and 96.

Required or optional
Optional (Required in case KD2_PF_HIS_START is set to Y)

Default value
N

Permissible values
Y, N

Location where the parameter value is stored
In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
SORT(<value>Y)

In the Configuration Tool (ICAT)
Panel name
Near-Term History

Panel ID
KD261PB

Panel field
Sort summary

Default value
N

Permissible values
Y, N

Batch parameter name
KD2_PF_HIS_SORT_SUMM

PARMGEN name
KD2_PFnn_HIS_SORT_SUMM

PARMGEN classification
NTH
**KD2_PFnn_HIS_START**

Start Near-Term History

**Description**

Controls whether Near-Term History is to be configured and automatically started at Server startup.

- **Y** Configure and autostart Near-Term History.
- **C** Configure, but do not autostart Near-Term History. All required configuration members are generated and datasets are allocated. Near-Term History can be started via operator commands later. See Configuration and Customization Guide.
- **N** Near-Term History is not configured and as result cannot be started via operator command.

**Required or optional**

- Required

**Default value**

- N

**Permissible values**

- Y, N, C

**Location where the parameter value is stored**

This value is not stored in a configuration member.

**In the Configuration Tool (ICAT)**

- **Panel name** Near-Term History
- **Panel ID** KD261PX
- **Panel field** Start Near-Term History
- **Default value** N
- **Permissible values** Y, N, C

**Batch parameter name**

- KD2_PF_HIS_START

**PARMGEN name**

- KD2_PFnn_HIS_START

**PARMGEN classification**

- NTH
KD2_PF_HIS_STORE

KD2_PFnn_HIS_STORE

Storage type

Description
The data collected by Near-Term History is stored in VSAM datasets. If you want to make the data available for long-term history analysis with the Batch Reporter component, it has to be stored in sequential files in addition to VSAM datasets. Specify one of the following values for storage type:

VSAM
Store the data to VSAM datasets only.

VSAMSEQ
Store the data to VSAM datasets and sequential files.

Required or optional
Optional (Required in case KD2_PF_HIS_START is set to Y)

Default value
VSAM

Permissible values
VSAM, VSAMSEQ

Location where the parameter value is stored
In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
WRITEOPTION(<value>)

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261PX

Panel field
Storage type

Default value
VSAM

Permissible values
VSAM, VSAMSEQ

Batch parameter name
KD2_PF_HIS_STORE

PARMGEN name
KD2_PFnn_HIS_STORE

PARMGEN classification
NTH
KD2_PFnn_HIS_SUBINT
Collection sub-interval

Description
Specifies the number of minutes or seconds to be used as the smallest time grouping for display of historical thread accounting data. The sub-interval should be specified as a period of time for convenient display of the threads executed. The more threads are executed per minute the smaller the sub-interval that you may want to specify.

Required or optional
Optional (Required in case KD2_PF_HIS_START is set to Y)

Default value
5

Minimum
1

Maximum
60

Locations where the parameter value is stored

Location 1
In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library
Output line
NTAINTERVAL(<value>.S)

Location 2
In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library
Output line
NTAINTERVAL(<value>)

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261P8

Panel field
Collection sub-interval

Default value
5

Minimum
1

Maximum
60

Batch parameter name
KD2_PF_HIS_SUBINT

PARMGEN name
KD2_PFnn_HIS_SUBINT

PARMGEN classification
NTH
**KD2_PF_HIS_SUBINT_UNIT**

Collection sub-interval time unit

**Description**

Specifies the collection sub-interval time unit to be used to display the historical thread accounting data. Specify M for minutes or S for seconds.

**Required or optional**

Optional (Required in case KD2_PF_HIS_START is set to Y)

**Default value**

M

**Permissible values**

M, S

**Location where the parameter value is stored**

This value is not stored in a configuration member.

**In the Configuration Tool (ICAT)**

- **Panel name**
  - Near-Term History
- **Panel ID**
  - KD261P8
- **Panel field**
  - Collection sub-interval unit
- **Default value**
  - M
- **Permissible values**
  - M, S

**Batch parameter name**

KD2_PF_HIS_SUBINT_UNIT

**PARMGEN name**

KD2_PFnn_HIS_SUBINT_UNIT

**PARMGEN classification**

NTH
**KD2_PFnn_HIS_SUSPCOLL**

Suspend data collection

**Description**

Specifies the option that controls memory usage by the Near-Term History Data Collector during times when no VSAM dataset is available. A VSAM file is considered unavailable from the time all allocated file space is used until the end of a successful flush job execution. The 'Y' option causes the collector to discard the collected trace data until a VSAM file becomes available for use. The 'N' option causes the Near-Term History Data Collector to accumulate trace data to memory until a VSAM file becomes available for use.

**Required or optional**

Optional (Required in case KD2_PF_HIS_START is set to Y)

**Default value**

Y

**Permissible values**

Y, N

**Location where the parameter value is stored**

In the COPTissid member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

SUSPCOLL(<value>Y)

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261P8

**Panel field**

Suspend data collection

**Default value**

Y

**Permissible values**

Y, N

**Batch parameter name**

KD2_PF_HIS_SUSPCOLL

**PARMGEN name**

KD2_PFnn_HIS_SUSPCOLL

**PARMGEN classification**

NTH
KD2_PF_HIS_VSAM_MB

KD2_PFnn_HIS_VSAM_MB

Primary space for the VSAM log datasets

Description
Specify the primary space allocation used for the VSAM log datasets. Please refer to the Configuration and Customization Guide for information about VSAM dataset space requirements.

This parameter depends on the unit for the primary log space set in KD2_PFnn_HIS_VSAM_SU.

**CYLS** Specify the primary space for the VSAM log datasets in cylinders. The minimum is 3 and the maximum is 9999 cylinders.

**MB** Specify the primary space for the VSAM log datasets in megabytes. The minimum is 1 and the maximum is 2048 megabytes.

Required or optional
Optional (Required in case KD2_PF_HIS_START is set to Y)

Default value
10

Minimum
1

Maximum
9999

Locations where the parameter value is stored

**Location 1**
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

Output line
CYLINDERS(<value> 0) -

**Location 2**
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

Output line
MEGABYTES(<value> 0) -

**Location 3**
In the HCRVssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
<KD2_PFnn_HIS_VSAM_SU>(<value> 0) -

In the Configuration Tool (ICAT)

**Panel name**
Near-Term History

**Panel ID**
KD261P7

**Panel field**
Primary space

**Default value**
10

Minimum
1

Maximum
9999
Batch parameter name
  KD2_PF_HIS_VSAM_MB

PARMGEN name
  KD2_PFnn_HIS_VSAM_MB

PARMGEN classification
  NTH
KD2_PF_HIS_VSAM_MCLAS1

KD2_PFnn_HIS_VSAM_MCLAS1
Management class for VSAM dataset 1

Description
If the VSAM datasets are SMS-managed, then specify the SMS Management class to be used on the allocation. If your installation does not use the SMS MGMTCLAS parameter, you can leave this field blank.

Required or optional
Optional

Default value
%RTE_SMS_VSAM_MGMTCLAS%

Locations where the parameter value is stored

Location 1
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library
Output line
MGMTCLAS(<value>)

Location 2
In the HCRVssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
MGMTCLAS(<value>)

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261P7

Panel field
Mgmtclas

Default value
&RTESVMGMT

Batch parameter name
KD2_PF_HIS_VSAM_MCLAS1

PARMGEN name
KD2_PFnn_HIS_VSAM_MCLAS1

PARMGEN classification
NTH
**KD2_PFnn_HIS_VSAM_MCLAS2**

Management class for VSAM dataset 2

**Description**

If the VSAM datasets are SMS-managed, then specify the SMS Management class to be used on the allocation. If your installation does not use the SMS MGMTCLAS parameter, you can leave this field blank.

**Required or optional**

Optional

**Default value**

%RTE_SMS_VSAM_MGMTCLAS%

**Locations where the parameter value is stored**

**Location 1**

In the ALLOCDS member of the *rhilev.midlev.rtename.RKD2SAM* library

Output line

**Output line**

MGMTCLAS(<value>)

**Location 2**

In the HCRVssid member of the *rhilev.midlev.rtename.RKD2SAM* library

Output line

**Output line**

MGMTCLAS(<value>)

In the Configuration Tool (ICAT)

**Panel name**

Near-Term History

**Panel ID**

KD261P7

**Panel field**

Mgmtclas

**Default value**

&RTESVMGT

**Batch parameter name**

KD2_PF_HIS_VSAM_MCLAS2

**PARMGEN name**

KD2_PFnn_HIS_VSAM_MCLAS2

**PARMGEN classification**

NTH
KD2_PF_HIS_VSAM_MCLAS3

KD2_PFnn_HIS_VSAM_MCLAS3
Management class for VSAM dataset 3

Description
If the VSAM datasets are SMS-managed, then specify the SMS Management class to be used on the allocation. If your installation does not use the SMS MGMTCLAS parameter, you can leave this field blank.

Required or optional
Optional

Default value
%RTE_SMS_VSAM_MGMTCLAS%

Locations where the parameter value is stored

Location 1
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

Output line
MGMTCLAS(<value>)

Location 2
In the HCRVssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
MGMTCLAS(<value>)

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261P7

Panel field
Mgmtclas

Default value
&RTEVMGT

Batch parameter name
KD2_PF_HIS_VSAM_MCLAS3

PARMGEN name
KD2_PFnn_HIS_VSAM_MCLAS3

PARMGEN classification
NTH
**KD2_PFnn_HIS_VSAM_MCLAS4**

Management class for VSAM dataset 4

**Description**

If the VSAM datasets are SMS-managed, then specify the SMS Management class to be used on the allocation. If your installation does not use the SMS MGMTCLAS parameter, you can leave this field blank.

**Required or optional**

Optional

**Default value**

%RTE_SMS_VSAM_MGMTCLAS%

**Locations where the parameter value is stored**

**Location 1**

In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

MGMTCLAS(<value>)

**Location 2**

In the HCRVssid member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

MGMTCLAS(<value>)

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261P7

**Panel field**

Mgmtclas

**Default value**

&RTESVMGT

**Batch parameter name**

KD2_PF_HIS_VSAM_MCLAS4

**PARMGEN name**

KD2_PFnn_HIS_VSAM_MCLAS4

**PARMGEN classification**

NTH
**KD2_PF_HIS_VSAM_MCLAS5**

Management class for VSAM dataset 5

**Description**

If the VSAM datasets are SMS-managed, then specify the SMS Management class to be used on the allocation. If your installation does not use the SMS MGMTCLAS parameter, you can leave this field blank.

**Required or optional**

Optional

**Default value**

%RTE_SMS_VSAM_MGMTCLAS%

**Locations where the parameter value is stored**

- **Location 1**
  
  In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library
  
  **Output line**
  
  MGMTCLAS(<value>)

- **Location 2**
  
  In the HCRVssid member of the rhilev.midlev.rtename.RKD2SAM library
  
  **Output line**
  
  MGMTCLAS(<value>)

**In the Configuration Tool (ICAT)**

- **Panel name**
  
  Near-Term History

- **Panel ID**
  
  KD261P7

- **Panel field**
  
  Mgmtclas

- **Default value**
  
  &RTESVMG

**Batch parameter name**

KD2_PF_HIS_VSAM_MCLAS5

**PARMGEN name**

KD2_PFnn_HIS_VSAM_MCLAS5

**PARMGEN classification**

NTH
KD2_PFnn_HIS_VSAM_MCLAS6

Management class for VSAM dataset 6

Description
If the VSAM datasets are SMS-managed, then specify the SMS Management class to be used on the allocation. If your installation does not use the SMS MGMTCLAS parameter, you can leave this field blank.

Required or optional
Optional

Default value
%RTE_SMS_VSAM_MGMTCLAS%

Locations where the parameter value is stored

Location 1
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

Output line
MGMTCLAS(<value>)

Location 2
In the HCRVssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
MGMTCLAS(<value>)

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261P7

Panel field
Mgmtclas

Default value
&RTESVMGT

Batch parameter name
KD2_PF_HIS_VSAM_MCLAS6

PARMGEN name
KD2_PFnn_HIS_VSAM_MCLAS6

PARMGEN classification
NTH
**KD2_PF_HIS_VSAM_MCLAS7**

**KD2_PFnn_HIS_VSAM_MCLAS7**
Management class for VSAM dataset 7

**Description**
If the VSAM datasets are SMS-managed, then specify the SMS Management class to be used on the allocation. If your installation does not use the SMS MGMTCLAS parameter, you can leave this field blank.

**Required or optional**
Optional

**Default value**
%RTE_SMS_VSAM_MGMTCLAS%

**Locations where the parameter value is stored**

**Location 1**
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**
MGMTCLAS(<value>)

**Location 2**
In the HCRVssid member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**
MGMTCLAS(<value>)

**In the Configuration Tool (ICAT)**

**Panel name**
Near-Term History

**Panel ID**
KD261P7

**Panel field**
Mgmtclas

**Default value**
&RTESVMGT

**Batch parameter name**
KD2_PF_HIS_VSAM_MCLAS7

**PARMGEN name**
KD2_PFnn_HIS_VSAM_MCLAS7

**PARMGEN classification**
NTH
KD2_PFnn_HIS_VSAM_SCLAS1

Storage class for VSAM dataset 1

Description
If the VSAM datasets are SMS-managed, then specify the SMS storage class to be used on the allocation. If your installation does not use the SMS STORCLAS parameter, you can leave this field blank.

Required or optional
Optional

Default value
%RTE_SMS_VSAM_STORCLAS%

Locations where the parameter value is stored

Location 1
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

Output line
STORCLAS(<value>)

Location 2
In the HCRVssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
STORCLAS(<value>)

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261P7

Panel field
Storclas

Default value
&RTEVSTOR

Batch parameter name
KD2_PF_HIS_VSAM_SCLAS1

PARMGEN name
KD2_PFnn_HIS_VSAM_SCLAS1

PARMGEN classification
NTH
KD2_PF_HIS_VSAM_SCLAS2

KD2_PFnn_HIS_VSAM_SCLAS2
Storage class for VSAM dataset 2

Description
If the VSAM datasets are SMS-managed, then specify the SMS storage class to be used on the allocation. If your installation does not use the SMS STORCLAS parameter, you can leave this field blank.

Required or optional
Optional

Default value
%RTE_SMS_VSAM_STORCLAS%

Locations where the parameter value is stored

Location 1
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library
Output line
STORCLAS(<value>)

Location 2
In the HCRVssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
STORCLAS(<value>)

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261P7

Panel field
Storclas

Default value
&RTEVSTOR

Batch parameter name
KD2_PF_HIS_VSAM_SCLAS2

PARMGEN name
KD2_PFnn_HIS_VSAM_SCLAS2

PARMGEN classification
NTH
**KD2_PFnn_HIS_VSAM_SCLAS3**

Storage class for VSAM dataset 3

**Description**

If the VSAM datasets are SMS-managed, then specify the SMS storage class to be used on the allocation. If your installation does not use the SMS STORCLAS parameter, you can or if it is optional, you may leave this field blank.

**Required or optional**

Optional

**Default value**

%RTE_SMS_VSAM_STORCLAS%

**Locations where the parameter value is stored**

**Location 1**
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**
STORCLAS(<value>)

**Location 2**
In the HCRVssid member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**
STORCLAS(<value>)

**In the Configuration Tool (ICAT)**

**Panel name**
Near-Term History

**Panel ID**
KD261P7

**Panel field**
Storclas

**Default value**
&RTEVSTOR

**Batch parameter name**
KD2_PF_HIS_VSAM_SCLAS3

**PARMGEN name**
KD2_PFnn_HIS_VSAM_SCLAS3

**PARMGEN classification**
NTH
KD2_PF_HIS_VSAM_SCLAS4

KD2_PFnn_HIS_VSAM_SCLAS4
Storage class for VSAM dataset 4

Description
If the VSAM datasets are SMS-managed, then specify the SMS storage class to be used on the allocation. If your installation does not use the SMS STORCLAS parameter, you can or if it is optional, you may leave this field blank.

Required or optional
Optional

Default value
%RTE_SMS_VSAM_STORCLAS%

Locations where the parameter value is stored

Location 1
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

Output line
STORCLAS(<value>)

Location 2
In the HCRVssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
STORCLAS(<value>)

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261P7

Panel field
Storclas

Default value
&RTEVSTOR

Batch parameter name
KD2_PF_HIS_VSAM_SCLAS4

PARMGEN name
KD2_PFnn_HIS_VSAM_SCLAS4

PARMGEN classification
NTH
**KD2_PFnn_HIS_VSAM_SCLAS5**

Storage class for VSAM dataset 5

**Description**

If the VSAM datasets are SMS-managed, then specify the SMS storage class to be used on the allocation. If your installation does not use the SMS STORCLAS parameter, you can or if it is optional, you may leave this field blank.

**Required or optional**

Optional

**Default value**

%RTE_SMS_VSAM_STORCLAS%

**Locations where the parameter value is stored**

Location 1

In the ALLOCDS member of the rhilev[midlev].rtename.RKD2SAM library

Output line

STORCLAS(<value>)

Location 2

In the HCRVssid member of the rhilev[midlev].rtename.RKD2SAM library

Output line

STORCLAS(<value>)

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261P7

**Panel field**

Storclas

**Default value**

&RTEVSTOR

**Batch parameter name**

KD2_PF_HIS_VSAM_SCLAS5

**PARMGEN name**

KD2_PFnn_HIS_VSAM_SCLAS5

**PARMGEN classification**

NTH
KD2_PF_HIS_VSAM_SCLAS6

KD2_PFnn_HIS_VSAM_SCLAS6
Storage class for VSAM dataset 6

Description

If the VSAM datasets are SMS-managed, then specify the SMS storage class to be used on the allocation. If your installation does not use the SMS STORCLAS parameter, you can or if it is optional, you may leave this field blank.

Required or optional

Optional

Default value

%RTE_SMS_VSAM_STORCLAS%

Locations where the parameter value is stored

Location 1
In the ALLOCDS member of the rhilev.midlev.rrtename.RKD2SAM library

Output line
STORCLAS(<value>)

Location 2
In the HCRVssid member of the rhilev.midlev.rrtename.RKD2SAM library

Output line
STORCLAS(<value>)

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261P7

Panel field
Storclas

Default value
&RTEVSTOR

Batch parameter name
KD2_PF_HIS_VSAM_SCLAS6

PARMGEN name
KD2_PFnn_HIS_VSAM_SCLAS6

PARMGEN classification
NTH
**KD2_PFnn_HIS_VSAM_SCLAS7**

Storage class for VSAM dataset 7

**Description**

If the VSAM datasets are SMS-managed, then specify the SMS storage class to be used on the allocation. If your installation does not use the SMS STORCLAS parameter, you can or if it is optional, you may leave this field blank.

**Required or optional**

Optional

**Default value**

%RTE_SMS_VSAM_STORCLAS%

**Locations where the parameter value is stored**

**Location 1**

In the ALLOCDS member of the *rhilev.midlev.rtename.RKD2SAM* library

**Output line**

STORCLAS(<value>)

**Location 2**

In the HCRVssid member of the *rhilev.midlev.rtename.RKD2SAM* library

**Output line**

STORCLAS(<value>)

In the Configuration Tool (ICAT)

**Panel name**

Near-Term History

**Panel ID**

KD261P7

**Panel field**

Storclas

**Default value**

&RTEVSTOR

**Batch parameter name**

KD2_PF_HIS_VSAM_SCLAS7

**PARMGEN name**

KD2_PFnn_HIS_VSAM_SCLAS7

**PARMGEN classification**

NTH
KD2_PF_HIS_VSAM_SU

KD2_PFnn_HIS_VSAM_SU
Space units used for VSAM log datasets

Description
Specify the space units used for the VSAM log datasets allocation. The allowable values are MB - megabytes and CYLS - cylinders.

Required or optional
Optional (Required in case KD2_PF_HIS_ST is set to Y)

Default value
CYLS

Permissible values
MB, CYLS

Locations where the parameter value is stored

Location 1
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library
Output line
CYLINDERS(<value> 0) -

Location 2
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library
Output line
MEGABYTES(<value> 0) -

Location 3
In the HCRVssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
/value/(<KD2_PFnn_HIS_VSAM_MB> 0) -

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261P7

Panel field
Space units

Default value
CYLS

Permissible values
MB, CYLS

Batch parameter name
KD2_PF_HIS_VSAM_SU

PARMGEN name
KD2_PFnn_HIS_VSAM_SU

PARMGEN classification
NTH
KD2_PFnn_HIS_VSAM_VOLUME1

Volser for VSAM dataset 1

**Description**

Specify the volume serial numbers for the allocation of the VSAM datasets. If VSAM datasets are not to be SMS-managed, then this is a required entry. If your installation does not use the volume serial number, you can leave this field blank.

**Required or optional**

Optional

**Default value**

%RTE_SMS_VSAM_VOLUME%

**Locations where the parameter value is stored**

**Location 1**

In the ALLOCDS member of the rhilev.midlevr.tename.RKD2SAM library

**Output line**

VOLUME(<value>)

**Location 2**

In the HCRVssid member of the rhilev.midlevr.tename.RKD2SAM library

**Output line**

VOLUME(<value>)

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261P7

**Panel field**

Volser

**Default value**

&RTEVV

**Batch parameter name**

KD2_PF_HIS_VSAM_VOL1

**PARMGEN name**

KD2_PFnn_HIS_VSAM_VOLUME1

**PARMGEN classification**

NTH
**KD2_PF_HIS_VSAM_VOLUME2**

**KD2_PFnn_HIS_VSAM_VOLUME2**

Volser for VSAM dataset 2

**Description**

Specify the volume serial numbers for the allocation of the VSAM datasets. If VSAM datasets are not to be SMS-managed, then this is a required entry. If your installation does not use the volume serial number, you can leave this field blank.

**Required or optional**

Optional

**Default value**

%RTE_SMS_VSAM_VOLUME%

**Locations where the parameter value is stored**

**Location 1**

In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

VOLUME(<value>)

**Location 2**

In the HCRVssid member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

VOLUME(<value>)

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261P7

**Panel field**

Volser

**Default value**

&RTEVV

**Batch parameter name**

KD2_PF_HIS_VSAM_VOL2

**PARMGEN name**

KD2_PFnn_HIS_VSAM_VOLUME2

**PARMGEN classification**

NTH
KD2_PF_HIS_VSAM_VOLUME3

Volser for VSAM dataset 3

Description
Specify the volume serial numbers for the allocation of the VSAM datasets. If VSAM datasets are not to be SMS-managed, then this is a required entry. If your installation does not use the volume serial number, you can leave this field blank.

Required or optional
Optional

Default value
%RTE_SMS_VSAM_VOLUME%

Locations where the parameter value is stored

Location 1
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library
Output line
VOLUME(<value>)

Location 2
In the HCRVssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
VOLUME(<value>)

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261P7

Panel field
Volser

Default value
&RTEVVV

Batch parameter name
KD2_PF_HIS_VSAM_VOL3

PARMGEN name
KD2_PFnn_HIS_VSAM_VOLUME3

PARMGEN classification
NTH
KD2_PF_HIS_VSAM_VOLUME4

KD2_PFnn_HIS_VSAM_VOLUME4
Volser for VSAM dataset 4

Description
Specify the volume serial numbers for the allocation of the VSAM datasets. If VSAM datasets are not to be SMS-managed, then this is a required entry. If your installation does not use the volume serial number, you can leave this field blank.

Required or optional
Optional

Default value
%RTE_SMS_VSAM_VOLUME%

Locations where the parameter value is stored

Location 1
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library
Output line
VOLUME(<value>)

Location 2
In the HCRVssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
VOLUME(<value>)

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261P7

Panel field
Volser

Default value
&RTEVV

Batch parameter name
KD2_PF_HIS_VSAM_VOL4

PARMGEN name
KD2_PFnn_HIS_VSAM_VOLUME4

PARMGEN classification
NTH
KD2_PFnn_HIS_VSAM_VOLUME5
Volser for VSAM dataset 5

Description
Specify the volume serial numbers for the allocation of the VSAM datasets. If VSAM datasets are not to be SMS-managed, then this is a required entry. If your installation does not use the volume serial number, you can leave this field blank.

Required or optional
Optional

Default value
%RTE_SMS_VSAM_VOLUME%

Locations where the parameter value is stored
Location 1
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library
Output line
  VOLUME(<value>)

Location 2
In the HCRVssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
  VOLUME(<value>)

In the Configuration Tool (ICAT)
Panel name
Near-Term History

Panel ID
KD261P7

Panel field
Volser

Default value
&RTEVV

Batch parameter name
KD2_PF_HIS_VSAM_VOL5

PARMGEN name
KD2_PFnn_HIS_VSAM_VOLUME5

PARMGEN classification
NTH
**Description**

Specify the volume serial numbers for the allocation of the VSAM datasets. If VSAM datasets are not to be SMS-managed, then this is a required entry. If your installation does not use the volume serial number, you can leave this field blank.

**Required or optional**

Optional

**Default value**

```
%RTE_SMS_VSAM_VOLUME%
```

**Locations where the parameter value is stored**

1. In the ALLOCDS member of the `rhilev.midlev.rtename.RKD2SAM` library
   
   **Output line**
   
   ```
   VOLUME(<value>)
   ```

2. In the HCRVssid member of the `rhilev.midlev.rtename.RKD2SAM` library
   
   **Output line**
   
   ```
   VOLUME(<value>)
   ```

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261P7

**Panel field**

Volser

**Default value**

```
&RTEVV
```

**Batch parameter name**

```
KD2_PF_HIS_VSAM_VOL6
```

**PARMGEN name**

```
KD2_PFnn_HIS_VSAM_VOLUME6
```

**PARMGEN classification**

NTH
**Volser for VSAM dataset 7**

**Description**
Specify the volume serial numbers for the allocation of the VSAM datasets. If VSAM datasets are not to be SMS-managed, then this is a required entry. If your installation does not use the volume serial number, you can leave this field blank.

**Required or optional**
Optional

**Default value**
%RTE_SMS_VSAM_VOLUME%

**Locations where the parameter value is stored**

**Location 1**
In the ALLOCDS member of the rhilev.midlev.rtename.RKD2SAM library

Output line
VOLUME(<value>)

**Location 2**
In the HCRVssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
VOLUME(<value>)

In the Configuration Tool (ICAT)

**Panel name**
Near-Term History

**Panel ID**
KD261P7

**Panel field**
Volser

**Default value**
&RTEVV

**Batch parameter name**
KD2_PF_HIS_VSAM_VOL7

**PARMGEN name**
KD2_PFnn_HIS_VSAM_VOLUME7

**PARMGEN classification**
NTH
Selection criteria AUTHID

**Description**

Specifies selection criteria based on AUTHID. For example, if AUTH1 and AUTH2 were specified for AUTHID, only data for threads with the specified authorization identifiers would be collected.

To specify selection criteria, you can use the wildcard character *, which is for one or more characters, the suffix only, and the ?, which is for a single character.

**Required or optional**

Optional (Required in case KD2_PF_HIS_START is set to Y)

**Default value**

None

**Location where the parameter value is stored**

In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

AUTH(<value>)

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261P8

**Panel field**

AUTHID

**Default value**

None

**Batch parameter name**

KD2_PF_HIS_WHEN_AUTHID

**PARMGEN name**

KD2_PFnn_HIS_WHEN_AUTHID

**PARMGEN classification**

NTH
**KD2_PFnn_HIS_WHEN_CONNID**

Selection criteria CONNID

**Description**

Specifies selection criteria based on CONNID. For example, if CON01 and CON02 were specified for CONNID, only data for threads that use the specified connections would be collected.

To specify selection criteria, you can use the wildcard character *, which is for one or more characters, the suffix only, and the ?, which is for a single character.

**Required or optional**

Optional (Required in case KD2_PF_HIS_START is set to Y)

**Default value**

None

**Location where the parameter value is stored**

In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

`CONN(<value>)`

**In the Configuration Tool (ICAT)**

**Panel name**

Near-Term History

**Panel ID**

KD261P8

**Panel field**

CONNID

**Default value**

None

**Batch parameter name**

KD2_PF_HIS_WHEN_CONNID

**PARMGEN name**

KD2_PFnn_HIS_WHEN_CONNID

**PARMGEN classification**

NTH
KD2_PF_HIS_WHEN_CORRID

KD2_PFnn_HIS_WHEN_CORRID
Selection criteria CORRID

Description
Specifies selection criteria based on CORRID. For example, if STC01 and STC02 were specified for CORRID, only data for threads with the specified correlation identifiers would be collected. To specify selection criteria, you can use the wildcard character *, which is for one or more characters, the suffix only, and the ?, which is for a single character.

Required or optional
Optional (Required in case KD2_PF_HIS_START is set to Y)

Default value
None

Location where the parameter value is stored
In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
CORR(<value>)

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261P8

Panel field
CORRID

Default value
None

Batch parameter name
KD2_PF_HIS_WHEN_CORRID

PARMGEN name
KD2_PFnn_HIS_WHEN_CORRID

PARMGEN classification
NTH
**KD2_PFnn_HIS_WHEN_ORIG**

Selection criteria ORIGAUTHID

**Description**

Specifies selection criteria based on ORIGAUTHID. To specify selection criteria, you can use the wildcard character *, which is for one or more characters, the suffix only, and the ?, which is for a single character.

**Required or optional**

Optional (Required in case KD2_PF_HIS_START is set to Y)

**Default value**

None

**Location where the parameter value is stored**

In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

ORIGAUTH(<value>)

**In the Configuration Tool (ICAT)**

Panel name

Near-Term History

Panel ID

KD261P8

Panel field

ORIGAUTHID

Default value

None

**Batch parameter name**

KD2_PF_HIS_WHEN_ORIG

**PARMGEN name**

KD2_PFnn_HIS_WHEN_ORIG

**PARMGEN classification**

NTH
KD2_PF_HIS_WHEN_PLAN

KD2_PFnn_HIS_WHEN_PLAN
Selection criteria PLANNAME

Description
Specifies selection criteria based on PLANNAME. For example, if CICSPR01 and CICSPR02 were specified for PLANNAME, only data for threads with the specified plannames would be collected.

To specify selection criteria, you can use the wildcard character *, which is for one or more characters, the suffix only, and the ?, which is for a single character.

Required or optional
Optional (Required in case KD2_PF_HIS_START is set to Y)

Default value
None

Location where the parameter value is stored
In the COPTssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
PLAN(<value>)

In the Configuration Tool (ICAT)

Panel name
Near-Term History

Panel ID
KD261P8

Panel field
PLANNAME

Default value
None

Batch parameter name
KD2_PF_HIS_WHEN_PLAN

PARMGEN name
KD2_PFnn_HIS_WHEN_PLAN

PARMGEN classification
NTH
Snapshot history (including DB2 Connect Monitoring)

This section lists the parameters for snapshot history (including DB2 Connect Monitoring).

Snapshot history data is useful, for example, if you want to examine activities leading to, and following, an exception without recreating the situation. The data is periodically stored by the OMEGAMON Collector in a wrap-around-managed snapshot history data set.

You can define how often the snapshots are stored by setting the sample interval time. The amount of stored snapshots depends on the snapshot data volume and the specified snapshot history data set size. When the defined maximum number of snapshots is exceeded, the oldest snapshot is deleted and the newest snapshot is added.

You can view this information through the history mode in the Performance Expert Client. This mode allows you to display recently stored snapshots at a specified point-in-time. You can then scroll forward and backward through the history of snapshot data to get a better understanding of what happened and to identify what caused the problem (for example, detected situations, bottlenecks, deadlocks, timeouts).
KD2_PF_DCM_D2SHDCAI

KD2_PFnn_DCM_D2SHDCAI
DB2 Connect application data interval

Description
Specifies in seconds how often the OMEGAMON Collector is to collect DB2 Connect application data for later viewing. This value can be set from 10 second to 86400 seconds for one day. It is recommended to set this value to a multiple of KD2_PFnn_SH_D2SHSTAI.

Required or optional
Optional (Required in case KD2_PF_SH_D2SHKHST is set to Y and KD2_PF_DCM_D2SHDCAP is set to Y)

Default value
60

Minimum
10

Maximum
86400

Location where the parameter value is stored
In the OMPEssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
SHDB2CONNECTAPPLICATION=(<KD2_PFnn_DCM_D2SHDCAP>,<value>)

In the Configuration Tool (ICAT)

Panel name
Snapshot History

Panel ID
KD261PE

Panel field
DB2 Connect Application Interval

Default value
60

Minimum
10

Maximum
86400

Batch parameter name
KD2_PF_DCM_D2SHDCAI

PARMGEN name
KD2_PFnn_DCM_D2SHDCAI

PARMGEN classification
SS_HIS
KD2_PFnn_DCM_D2SHDCAP

DB2 Connect Monitoring application data

Description
Specify whether DB2 Connect Monitoring application data is to be collected.
If you enable data collection for this collection then this enables the function DB2 Connect Monitoring.

Note: To use DB2 Connect Monitoring Performance Warehouse has to run at least once to set up the required tables for DB2 Connect Monitoring. Furthermore the DB2 Performance Expert Agent for DB2 Connect Monitoring Workstation has to be installed.

Required or optional
Optional (Required in case KD2_PF_SH_D2SHKHST is set to Y)

Default value
N

Permissible values
Y, N

Location where the parameter value is stored
In the OMPEssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
SHDB2CONNECTAPPLICATION=(<value>,<KD2_PFnn_DCM_D2SHDCA1>)

In the Configuration Tool (ICAT)

Panel name
Snapshot History

Panel ID
KD261PE

Panel field
DB2 Connect Application

Default value
N

Permissible values
Y, N

Batch parameter name
KD2_PF_DCM_D2SHDCAP

PARMGEN name
KD2_PFnn_DCM_D2SHDCAP

PARMGEN classification
SS_HIS
**KD2_PF_DCM_D2SHDCSI**

**KD2_PFnn_DCM_D2SHDCSI**

DB2 Connect system data

**Description**

Specifies in seconds how often the OMEGAMON Collector is to collect DB2 Connect system data for later viewing. This value can be set from 10 second to 86400 seconds for one day. It is recommended to set this value to a multiple of KD2_PFnn_SH_D2SHSTAI.

**Required or optional**

Optional (Required in case KD2_PF_SH_D2SHKHST is set to Y and KD2_PF_DCM_D2SHDCST is set to Y)

**Default value**

120

**Minimum**

10

**Maximum**

86400

**Location where the parameter value is stored**

In the OMPEssid member of the rhilev.midlev.rname.RKD2PAR library

**Output line**

SHDB2CONNECTSYSTEM=(<KD2_PFnn_DCM_D2SHDCST>,<value>)

**In the Configuration Tool (ICAT)**

**Panel name**

Snapshot History

**Panel ID**

KD261PE

**Panel field**

DB2 Connect System Interval

**Default value**

120

**Minimum**

10

**Maximum**

86400

**Batch parameter name**

KD2_PF_DCM_D2SHDCSI

**PARMGEN name**

KD2_PFnn_DCM_D2SHDCSI

**PARMGEN classification**

SS_HIS
**KD2_PFnn_DCM_D2SHDCST**

DB2 Connect system data

**Description**

Specify whether DB2 Connect Monitoring system data is to be collected.

If you enable data collection for this collection then this enables the function DB2 Connect Monitoring.

Note: To use DB2 Connect Monitoring Performance Warehouse has to run at least once to set up the required tables for DB2 Connect Monitoring. Furthermore the DB2 Performance Expert Agent for DB2 Connect Monitoring Workstation has to be installed.

**Required or optional**

Optional (Required in case KD2_PF_SH_D2SHKHST is set to Y)

**Default value**

N

**Permissible values**

Y, N

**Location where the parameter value is stored**

In the OMPEssid member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

SHDB2CONNECTSYSTEM=(<value>,<KD2_PFnn_DCM_D2SHDCS1>)

**In the Configuration Tool (ICAT)**

**Panel name**

Snapshot History

**Panel ID**

KD261PE

**Panel field**

DB2 Connect System

**Default value**

N

**Permissible values**

Y, N

**Batch parameter name**

KD2_PF_DCM_D2SHDCST

**PARMGEN name**

KD2_PFnn_DCM_D2SHDCST

**PARMGEN classification**

SS_HIS
KD2_PF_SH_D2SHDATA

KD2_PFnn_SH_D2SHDATA
Data set statistics data

Description
Specifies whether data set statistics data is collected.

Required or optional
Optional (Required in case KD2_PF_SH_D2SHKHST is set to Y)

Default value
N

Permissible values
Y, N

Location where the parameter value is stored
In the OMPEssid member of the rhilev.midlev.rename.RKD2PAR library

Output line
SHDATASETSTATISTICS=(<value>,<KD2_PFnn_SH_D2SHDATI>)

In the Configuration Tool (ICAT)

Panel name
Snapshot History

Panel ID
KD261PE

Panel field
Data Set Statistics

Default value
Y

Permissible values
Y, N

Batch parameter name
KD2_PF_SH_D2SHDATA

PARMGEN name
KD2_PFnn_SH_D2SHDATA

PARMGEN classification
SS_HIS
KD2_PFnn_SH_D2SHDATI

Data set statistics interval

Description
Specifies in seconds how often the OMEGAMON Collector is to collect data set statistics data for later viewing. This value can be set from 1 second to 86400 seconds for one day.

Required or optional
Optional (Required in case KD2_PF_SH_D2SHKHST is set to Y and KD2_PF_SH_D2SHDATA is set to Y)

Default value
300

Minimum
1

Maximum
86400

Location where the parameter value is stored
In the OMPEssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
SHDATASETSTATISTICS=('<KD2_PFnn_SH_D2SHDATA>','<value>')

In the Configuration Tool (ICAT)

Panel name
Snapshot History

Panel ID
KD261PE

Panel field
Data Set Statistics Interval

Default value
300

Minimum
1

Maximum
86400

Batch parameter name
KD2_PF_SH_D2SHDATI

PARMGEN name
KD2_PFnn_SH_D2SHDATI

PARMGEN classification
SS_HIS
KD2_PF_SH_D2SHKHST

KD2_PFnn_SH_D2SHKHST
Enable Snapshot history

Description

Used to specify whether Snapshot History data is to be collected.

Required or optional

Required

Default value

N

Permissible values

Y, N

Location where the parameter value is stored

In the OMPEssid member of the rhilev.midlev.ritename.RKD2PAR library

Output line

SNAPSHOTHISTORY=<value>

In the Configuration Tool (ICAT)

Panel name

Snapshot History

Panel ID

KD261PE

Panel field

Enable Snapshot history

Default value

N

Permissible values

Y, N

Batch parameter name

KD2_PF_SH_D2SHKHST

PARMGEN name

KD2_PFnn_SH_D2SHKHST

PARMGEN classification

SS_HIS
**KD2_PFnn_SH_D2SHLTHD**

Thread data including locking data

**Description**

Used to specify whether the collected thread data is to include locking data.

**Required or optional**

Optional (Required in case KD2_PF_SH_D2SHKHST is set to Y and KD2_PF_SH_D2SHTHDD is set to Y)

**Default value**

N

**Permissible values**

Y, N

**Location where the parameter value is stored**

In the OMPEssid member of the rhilev.midlev.rtemame.RKD2PAR library

**Output line**

SHTHREADLOCK=<value>

**In the Configuration Tool (ICAT)**

**Panel name**

Snapshot History

**Panel ID**

KD261PE

**Panel field**

Thread Include Locking

**Default value**

N

**Permissible values**

Y, N

**Batch parameter name**

KD2_PF_SH_D2SHLTHD

**PARMGEN name**

KD2_PFnn_SH_D2SHLTHD

**PARMGEN classification**

SS_HIS
**KD2_PF_SH_D2SHPAI**

**System parameters interval**

**Description**

Specifies in seconds how often the OMEGAMON Collector is to collect system parameters data for later viewing. This value can be set from 1 second to 86400 seconds for one day.

**Required or optional**

Optional (Required in case KD2_PF_SH_D2SHKHST is set to Y and KD2_PF_SH_D2SHSPAR is set to Y)

**Default value**

300

**Minimum**

1

**Maximum**

86400

**Location where the parameter value is stored**

In the OMPEssid member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

SHSYSTEMPARAMETERS=\(<KD2_PFnn_SH_D2SHSPAR>,<value>\)

**In the Configuration Tool (ICAT)**

**Panel name**

Snapshot History

**Panel ID**

KD261PE

**Panel field**

System Parameters Interval

**Default value**

300

**Minimum**

1

**Maximum**

86400

**Batch parameter name**

KD2_PF_SH_D2SHPAI

**PARMGEN name**

KD2_PFnn_SH_D2SHPAI

**PARMGEN classification**

SS_HIS
**KD2_PFnn_SH_D2SHSPAR**

System Parameters data

**Description**

Specifies whether system parameters data is collected.

**Required or optional**

Optional (Required in case KD2_PF_SH_D2SHKHST is set to Y)

**Default value**

N

**Permissible values**

Y, N

**Location where the parameter value is stored**

In the OMPEssid member of the rhilev.midlev.rename.RKD2PAR library

**Output line**

SHSYSTEMPARAMETERS=(<value>,<KD2_PFnn_SH_D2SHSPAI>)

**In the Configuration Tool (ICAT)**

**Panel name**

Snapshot History

**Panel ID**

KD261PE

**Panel field**

System Parameters

**Default value**

Y

**Permissible values**

Y, N

**Batch parameter name**

KD2_PF_SH_D2SHSPAR

**PARMGEN name**

KD2_PFnn_SH_D2SHSPAR

**PARMGEN classification**

SS_HIS
**KD2_PF_SH_D2SHSQLC**

**KD2_PFnn_SH_D2SHSQLC**
Dynamic Statement cache data

**Description**
Specifies whether dynamic statement cache data is collected.

**Required or optional**
Optional (Required in case KD2_PF_SH_D2SHKHST is set to Y)

**Default value**
N

**Permissible values**
Y, N

**Location where the parameter value is stored**
In the OMPEssid member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**
SHSQLCACHE=(<value>,<KD2_PFnn_SH_D2SHSQLI>)

**In the Configuration Tool (ICAT)**

**Panel name**
Snapshot History

**Panel ID**
KD261PE

**Panel field**
Dynamic Statement Cache

**Default value**
Y

**Permissible values**
Y, N

**Batch parameter name**
KD2_PF_SH_D2SHSQLC

**PARMGEN name**
KD2_PFnn_SH_D2SHSQLC

**PARMGEN classification**
SS_HIS
**KD2_PFnn_SH_D2SHSQLI**

Dynamic statement cache interval

**Description**

Specifies in seconds how often the OMEGAMON Collector is to collect dynamic statement cache data for later viewing. This value can be set from 1 second to 86400 seconds for one day.

**Required or optional**

Optional (Required in case KD2_PF_SH_D2SHKHST is set to Y and KD2_PF_SH_D2SHSQLC is set to Y)

**Default value**

300

**Minimum**

1

**Maximum**

86400

**Location where the parameter value is stored**

In the OMPEssid member of the *rhilev.midlev.rtename.RKD2PAR* library

**Output line**

```
SHSQLCACHE=(<KD2_PFnn_SH_D2SHSQLC>,<value>)
```

**In the Configuration Tool (ICAT)**

**Panel name**

Snapshot History

**Panel ID**

KD261PE

**Panel field**

Dynamic Statement Cache Interval

**Default value**

300

**Minimum**

1

**Maximum**

86400

**Batch parameter name**

KD2_PF_SH_D2SHSQLI

**PARMGEN name**

KD2_PFnn_SH_D2SHSQLI

**PARMGEN classification**

SS_HIS
KD2_PF_SH_D2SHSQLT

Thread data including statement text

Description
Used to specify whether thread data collected for Snapshot history is to include SQL statement text.

Required or optional
Optional (Required in case KD2_PF_SH_D2SHKHST is set to Y and KD2_PF_SH_D2SHTHDD is set to Y)

Default value
N

Permissible values
Y, N

Location where the parameter value is stored
In the OMPEssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
STHREADSQL=<value>

In the Configuration Tool (ICAT)

Panel name
Snapshot History

Panel ID
KD261PE

Panel field
Thread Include Stmt Text

Default value
N

Permissible values
Y, N

Batch parameter name
KD2_PF_SH_D2SHSQLT

PARMGEN name
KD2_PFnn_SH_D2SHSQLT

PARMGEN classification
SS_HIS
**KD2_PFnn_SH_D2SHSSZE**

**Archive size**

**Description**

Used to specify the maximum size of the Snapshot History data set. The specified value is the size of the data set in megabytes.

**Required or optional**

Optional (Required in case KD2_PF_SH_D2SHKHST is set to Y)

**Default value**

16

**Locations where the parameter value is stored**

**Location 1**

In the OMDDssid member of the `rhilev.midlev.rtename.RKD2SAM` library

**Output line**

```
MEGABYTES(<value>)
```

**Location 2**

In the OMPEssid member of the `rhilev.midlev.rtename.RKD2PAR` library

**Output line**

```
SHDATASETSIZE=<value>
```

**In the Configuration Tool (ICAT)**

**Panel name**

Snapshot History

**Panel ID**

KD261PE

**Panel field**

Snapshot history archive size

**Default value**

16

**Batch parameter name**

KD2_PF_SH_D2SHSSZE

**PARMGEN name**

KD2_PFnn_SH_D2SHSSZE

**PARMGEN classification**

SS_HIS
KD2_PF_SH_D2SHSTAI

KD2_PFnn_SH_D2SHSTAI

Statistics interval

Description
Specifications in seconds how often the OMEGAMON Collector is to collect statistics data for later viewing. This value can be set from 1 second to 86400 seconds for one day.

Required or optional
Optional (Required in case KD2_PF_SH_D2SHKHST is set to Y and KD2_PF_SH_D2SHSTAI is set to Y)

Default value
120

Minimum
1

Maximum
86400

Location where the parameter value is stored
In the OMPEssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
SHSTATISTICS=(<KD2_PFnn_SH_D2SHSTAT>,<value>)

In the Configuration Tool (ICAT)

Panel name
Snapshot History

Panel ID
KD261PE

Panel field
Statistics Interval

Default value
120

Minimum
1

Maximum
86400

Batch parameter name
KD2_PF_SH_D2SHSTAI

PARMGEN name
KD2_PFnn_SH_D2SHSTAI

PARMGEN classification
SS_HIS
KD2_PFnn_SH_D2SHSTAT

Collect Statistics data

**Description**

Specifies whether statistics data is to be collected.

**Required or optional**

Optional (Required in case KD2_PF_SH_D2SHKHST is set to Y)

**Default value**

N

**Permissible values**

Y, N

**Location where the parameter value is stored**

In the OMPEssid member of the `rhilev.midlev.rtename.RKD2PAR` library

**Output line**

```sh
SHSTATISTICS=(<value>,<KD2_PFnn_SH_D2SHSTAI>)
```

**In the Configuration Tool (ICAT)**

**Panel name**

Snapshot History

**Panel ID**

KD261PE

**Panel field**

Statistics

**Default value**

Y

**Permissible values**

Y, N

**Batch parameter name**

KD2_PF_SH_D2SHSTAT

**PARMGEN name**

KD2_PFnn_SH_D2SHSTAT

**PARMGEN classification**

SS_HIS
KD2_PF_SH_D2SHTHDD

KD2_PFnn_SH_D2SHTHDD

Thread data

Description
Specified whether thread data ‘without SQL text and locking information’ is collected.

Required or optional
Optional (Required in case KD2_PF_SH_D2SHKHST is set to Y)

Default value
N

Permissible values
Y, N

Location where the parameter value is stored
In the OMPEssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
STHREAD=(<value>,<KD2_PFnn_SH_D2SHTHDD>)

In the Configuration Tool (ICAT)

Panel name
Snapshot History

Panel ID
KD261PE

Panel field
Thread

Default value
Y

Permissible values
Y, N

Batch parameter name
KD2_PF_SH_D2SHTHDD

PARMGEN name
KD2_PFnn_SH_D2SHTHDD

PARMGEN classification
SS_HIS
**KD2_PFnn_SH_D2SHTHDI**

Thread information interval

**Description**

Specifies in seconds how often the OMEGAMON Collector is to collect thread data for later viewing. This value can be set from 1 second to 86400 seconds for one day.

**Required or optional**

Optional (Required in case KD2_PF_SH_D2SHKHST is set to Y and KD2_PF_SH_D2SHTHDD is set to Y)

**Default value**

60

**Minimum**

1

**Maximum**

86400

**Location where the parameter value is stored**

In the OMPEssid member of the *rhilev.midlev.ritename*.RKD2PAR library

**Output line**

```plaintext
SHTHREAD=(<KD2_PFnn_SH_D2SHTHDD>,<value>)
```

**In the Configuration Tool (ICAT)**

- **Panel name**
  
  Snapshot History

- **Panel ID**

  KD261PE

- **Panel field**

  Thread Interval

- **Default value**

  60

- **Minimum**

  1

- **Maximum**

  86400

**Batch parameter name**

KD2_PF_SH_D2SHTHDI

**PARMGEN name**

KD2_PFnn_SH_D2SHTHDI

**PARMGEN classification**

SS_HIS
KD2_PF_SH_D2SQCON1

KD2_PFnn_SH_D2SQCON1
Filter 1 DB2 connection ID

Description
Specify a qualifier or wildcard character to take the default. Any qualifiers that are not specified are set to an asterisk.

Required or optional
Optional (Required in case KD2_PF_SH_D2SHKHST is set to Y)

Default value
*

Location where the parameter value is stored
In the OMPEssid member of the rhilev.midlev.rlename.RKD2PAR library

Output line
HQ1=(...,CN='<value>','...)

In the Configuration Tool (ICAT)

Panel name
Snapshot History

Panel ID
KD261PK

Panel field
Connection ID

Default value
*

Batch parameter name
KD2_PF_SH_D2SQCON1

PARMGEN name
KD2_PFnn_SH_D2SQCON1

PARMGEN classification
SS_HIS
**KD2_PFnn_SH_D2SQCON2**

Filter 2 DB2 connection ID

**Description**

Specify a qualifier or wildcard character to take the default. Any qualifiers that are not specified are set to an asterisk.

**Required or optional**

Optional

**Default value**

None

**Location where the parameter value is stored**

In the OMPEssid member of the `rhilev.midlev.rename.RKD2PAR library`

**Output line**

HQ2=(...,CN='<value>',...)

**In the Configuration Tool (ICAT)**

**Panel name**

Snapshot History

**Panel ID**

KD261PK

**Panel field**

Connection ID

**Default value**

None

**Batch parameter name**

KD2_PF_SH_D2SQCON2

**PARMGEN name**

KD2_PFnn_SH_D2SQCON2

**PARMGEN classification**

SS_HIS
KD2_PF_SH_D2SQCON3

KD2_PFnn_SH_D2SQCON3
Filter 3 DB2 connection ID

Description
Specify a qualifier or wildcard character to take the default. Any qualifiers that are not specified are set to an asterisk.

Required or optional
Optional

Default value
None

Location where the parameter value is stored
In the OMPEssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
HQ3=(...,CN='<value>',...)

In the Configuration Tool (ICAT)
Panel name
Snapshot History

Panel ID
KD261PK

Panel field
Connection ID

Default value
None

Batch parameter name
KD2_PF.SH_D2SQCON3

PARMGEN name
KD2_PFnn.SH.D2SQCON3

PARMGEN classification
SS_HIS
**KD2_PFnn_SH_D2SQCON4**

Filter 4 DB2 connection ID

**Description**

Specify a qualifier or wildcard character to take the default. Any qualifiers that are not specified are set to an asterisk.

**Required or optional**

Optional

**Default value**

None

**Location where the parameter value is stored**

In the OMPEssid member of the `rhilev.midlev.rename.RKD2PAR library`

**Output line**

\[HQ4=(...,CN='<value>',...)]

**In the Configuration Tool (ICAT)**

**Panel name**

Snapshot History

**Panel ID**

KD261PK

**Panel field**

Connection ID

**Default value**

None

**Batch parameter name**

KD2_PF_SH_D2SQCON4

**PARMGEN name**

KD2_PFnn_SH_D2SQCON4

**PARMGEN classification**

SS_HIS
KD2_PF_SH_D2SQCON5

KD2_PFnn_SH_D2SQCON5
Filter 5 DB2 connection ID

Description
Specify a qualifier or wildcard character to take the default. Any qualifiers that are not specified are set to an asterisk.

Required or optional
Optional

Default value
None

Location where the parameter value is stored
In the OMPEssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
HQ5=(...,CN=’<value>‘,...)

In the Configuration Tool (ICAT)

Panel name
Snapshot History

Panel ID
KD261PK

Panel field
Connection ID

Default value
None

Batch parameter name
KD2_PF_SH_D2SQCON5

PARMGEN name
KD2_PFnn_SH_D2SQCON5

PARMGEN classification
SS_HIS
**KD2_PFnn_SH_D2SQCON6**

Filter 6 DB2 connection ID

**Description**
Specify a qualifier or wildcard character to take the default. Any qualifiers that are not specified are set to an asterisk.

**Required or optional**
Optional

**Default value**
None

**Location where the parameter value is stored**
In the OMPEssid member of the `rilev.midlev.rtename.RKD2PAR` library

**Output line**
HQ6=(...,CN='<value>',...)

**In the Configuration Tool (ICAT)**

**Panel name**
Snapshot History

**Panel ID**
KD261PK

**Panel field**
Connection ID

**Default value**
None

**Batch parameter name**
KD2_PF_SH_D2SQCON6

**PARMGEN name**
KD2_PFnn_SH_D2SQCON6

**PARMGEN classification**
SS_HIS
**KD2_PF_SH_D2SQCOR1**

**KD2_PFnn_SH_D2SQCOR1**
Filter 1 DB2 correlation ID

**Description**
Specify a qualifier or wildcard character to take the default. Any qualifiers that are not specified are set to an asterisk.

**Required or optional**
Optional (Required in case KD2_PF_SH_D2SHKHST is set to Y)

**Default value**
* (Optional)

**Location where the parameter value is stored**
In the OMPEssid member of the rhilev.midlev.rrname.RKD2PAR library

**Output line**
HQ1=(...,CR='<value>')

**In the Configuration Tool (ICAT)**

- **Panel name**
  Snapshot History

- **Panel ID**
  KD261PK

- **Panel field**
  Correlation Name

- **Default value**
  *

**Batch parameter name**
KD2_PF_SH_D2SQCOR1

**PARMGEN name**
KD2_PFnn_SH_D2SQCOR1

**PARMGEN classification**
SS_HIS
**KD2_PFnn_SH_D2SQCOR2**

Filter 2 DB2 correlation ID

**Description**

Specify a qualifier or wildcard character to take the default. Any qualifiers that are not specified are set to an asterisk.

**Required or optional**

Optional

**Default value**

None

**Location where the parameter value is stored**

In the OMPEssid member of the `rhilev.midlev.rtename.RKD2PAR` library

**Output line**

HQ2=(...,CR='<value>')

**In the Configuration Tool (ICAT)**

**Panel name**

Snapshot History

**Panel ID**

KD261PK

**Panel field**

Correlation Name

**Default value**

None

**Batch parameter name**

KD2_PF_SH_D2SQCOR2

**PARMGEN name**

KD2_PFnn_SH_D2SQCOR2

**PARMGEN classification**

SS_HIS
**Filter 3 DB2 correlation ID**

**Description**
Specify a qualifier or wildcard character to take the default. Any qualifiers that are not specified are set to an asterisk.

**Required or optional**
Optional

**Default value**
None

**Location where the parameter value is stored**
In the OMPEssid member of the `rhilev.midlev.rtename.RKD2PAR` library

**Output line**
HQ3=(...,CR='<value>')

**In the Configuration Tool (ICAT)**

- **Panel name**
  Snapshot History

- **Panel ID**
  KD261PK

- **Panel field**
  Correlation Name

- **Default value**
  None

**Batch parameter name**
KD2_PF_SH_D2SQCOR3

**PARMGEN name**
KD2_PFnn_SH_D2SQCOR3

**PARMGEN classification**
SS_HIS
KD2_PFnn_SH_D2SQCOR4
Filter 4 DB2 correlation ID

Description
Specify a qualifier or wildcard character to take the default. Any qualifiers that are not specified are set to an asterisk.

Required or optional
Optional

Default value
None

Location where the parameter value is stored
In the OMPEssid member of the rhilev.midlev.rename.RKD2PAR library

Output line
HQ4=(...,CR='<value>')

In the Configuration Tool (ICAT)

Panel name
Snapshot History

Panel ID
KD261PK

Panel field
Correlation Name

Default value
None

Batch parameter name
KD2_PF_SH_D2SQCOR4

PARMGEN name
KD2_PFnn_SH_D2SQCOR4

PARMGEN classification
SS_HIS
KD2_PF_SH_D2SQCOR5

KD2_PFnn_SH_D2SQCOR5
Filter 5 DB2 correlation ID

Description
Specify a qualifier or wildcard character to take the default. Any qualifiers that are not specified are set to an asterisk.

Required or optional
Optional

Default value
None

Location where the parameter value is stored
In the OMPEssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
HQ5=(...,CR='<value>')

In the Configuration Tool (ICAT)
Panel name
Snapshot History
Panel ID
KD261PK
Panel field
Correlation Name
Default value
None

Batch parameter name
KD2_PF_SH_D2SQCOR5
PARMGEN name
KD2_PFnn_SH_D2SQCOR5
PARMGEN classification
SS_HIS
KD2_PFnn_SH_D2SQCOR6

Filter 6 DB2 correlation ID

Description
Specify a qualifier or wildcard character to take the default. Any qualifiers that are not specified are set to an asterisk.

Required or optional
Optional

Default value
None

Location where the parameter value is stored
In the OMPESsid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
HQ6=(...,CR='<value>')

In the Configuration Tool (ICAT)

Panel name
Snapshot History

Panel ID
KD261PK

Panel field
Correlation ID

Default value
None

Batch parameter name
KD2_PF_SH_D2SQCOR6

PARMGEN name
KD2_PFnn_SH_D2SQCOR6

PARMGEN classification
SS_HIS
KD2_PF_SH_D2SQPLA1

KD2_PFnn_SH_D2SQPLA1
Filter 1 DB2 Plan name

Description
Specify a qualifier or wildcard character to take the default. Any qualifiers that are not specified
are set to an asterisk.

Required or optional
Optional (Required in case KD2_PF_SH_D2SHKHST is set to Y)

Default value
*

Location where the parameter value is stored
In the OMPEssid member of the rhilev.midlev.rtname.RKD2PAR library

Output line
HQ1=(...,PL='<value>',..)

In the Configuration Tool (ICAT)

Panel name
Snapshot History

Panel ID
KD261PK

Panel field
DB2 Plan Name

Default value
*

Batch parameter name
KD2_PF_SH_D2SQPLA1

PARMGEN name
KD2_PFnn_SH_D2SQPLA1

PARMGEN classification
SS_HIS
**KD2_PFnn_SH_D2SQPLA2**

Filter 2 DB2 Plan name

**Description**

Specifying a qualifier or wildcard character to take the default. Any qualifiers that are not specified are set to an asterisk.

**Required or optional**

Optional

**Default value**

None

**Location where the parameter value is stored**

In the OMPEssid member of the `rilev.midlev.rtename.RKD2PAR library`

**Output line**

HQ2=(...,PL='<value>',...)

**In the Configuration Tool (ICAT)**

**Panel name**

Snapshot History

**Panel ID**

KD261PK

**Panel field**

DB2 Plan Name

**Default value**

None

**Batch parameter name**

KD2_PF_SH_D2SQPLA2

**PARMGEN name**

KD2_PFnn_SH_D2SQPLA2

**PARMGEN classification**

SS_HIS
KD2_PF_SH_D2SQPLA3

KD2_PFnn_SH_D2SQPLA3
Filter 3 DB2 Plan name

Description
Specify a qualifier or wildcard character to take the default. Any qualifiers that are not specified are set to an asterisk.

Required or optional
Optional

Default value
None

Location where the parameter value is stored
In the OMPEssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
HQ3=(...,PL='<value>',...,)

In the Configuration Tool (ICAT)
Panel name
Snapshot History
Panel ID
KD261PK
Panel field
DB2 Plan Name
Default value
None

Batch parameter name
KD2_PF_SH_D2SQPLA3

PARMGEN name
KD2_PFnn_SH_D2SQPLA3

PARMGEN classification
SS_HIS
### KD2_PFnn_SH_D2SQPLA4

**Filter 4 DB2 Plan name**

**Description**

Specify a qualifier or wildcard character to take the default. Any qualifiers that are not specified are set to an asterisk.

**Required or optional**

Optional

**Default value**

None

**Location where the parameter value is stored**

In the OMPEssid member of the `rhilev.midlev.rename.RKD2PAR library`

**Output line**

HQ4=(...PL='<value>',...)

**In the Configuration Tool (ICAT)**

**Panel name**

Snapshot History

**Panel ID**

KD261PK

**Panel field**

DB2 Plan Name

**Default value**

None

**Batch parameter name**

KD2_PF_SH_D2SQPLA4

**PARMGEN name**

KD2_PFnn_SH_D2SQPLA4

**PARMGEN classification**

SS_HIS
KD2_PF_SH_D2SQPLA5

KD2_PFnn_SH_D2SQPLA5
Filter 5 DB2 Plan name

Description
Specify a qualifier or wildcard character to take the default. Any qualifiers that are not specified are set to an asterisk.

Required or optional
Optional

Default value
None

Location where the parameter value is stored
In the OMEPEssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
HQ5=(...,PL='<value>',...)

In the Configuration Tool (ICAT)

Panel name
Snapshot History

Panel ID
KD261PK

Panel field
DB2 Plan Name

Default value
None

Batch parameter name
KD2_PF_SH_D2SQPLA5

PARMGEN name
KD2_PFnn_SH_D2SQPLA5

PARMGEN classification
SS_HIS
**KD2_PFnn_SH_D2SQPLA6**

Filter 6 DB2 Plan name

**Description**

Specify a qualifier or wildcard character to take the default. Any qualifiers that are not specified are set to an asterisk.

**Required or optional**

Optional

**Default value**

None

**Location where the parameter value is stored**

In the OMPEssid member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

HQ6=(...,PL='<value>',...)

**In the Configuration Tool (ICAT)**

**Panel name**

Snapshot History

**Panel ID**

KD261PK

**Panel field**

DB2 Plan Name

**Default value**

None

**Batch parameter name**

KD2_PF_SH_D2SQPLA6

**PARMGEN name**

KD2_PFnn_SH_D2SQPLA6

**PARMGEN classification**

SS_HIS
KD2_PF_SH_D2SQPRI1

**KD2_PFnn_SH_D2SQPRI1**
Filter 1 Primary AUTH ID

**Description**
Specify a qualifier or wildcard character to take the default. Any qualifiers that are not specified are set to an asterisk.

**Required or optional**
Optional (Required in case KD2_PF_SH_D2SHKHST is set to Y)

**Default value**
* 

**Location where the parameter value is stored**
In the OMPEssid member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**
HQ1=(PR='<value>' ... 

**In the Configuration Tool (ICAT)**
**Panel name**
Snapshot History

**Panel ID**
KD261PK

**Panel field**
Primary AUTH ID

**Default value**
 *

**Batch parameter name**
KD2_PF_SH_D2SQPRI1

**PARMGEN name**
KD2_PFnn_SH_D2SQPRI1

**PARMGEN classification**
SS_HIS
**KD2_PFnn_SH_D2SQPRI2**

Filter 2 Primary AUTH ID

**Description**

Specify a qualifier or wildcard character to take the default. Any qualifiers that are not specified are set to an asterisk.

**Required or optional**

Optional

**Default value**

None

**Location where the parameter value is stored**

In the OMPEssid member of the `rhilev.midlev.rename.RKD2PAR` library

**Output line**

HQ2=(PR='value',...)

**In the Configuration Tool (ICAT)**

**Panel name**

Snapshot History

**Panel ID**

KD261PK

**Panel field**

Primary AUTH ID

**Default value**

None

**Batch parameter name**

KD2_PF_SH_D2SQPRI2

**PARMGEN name**

KD2_PFnn_SH_D2SQPRI2

**PARMGEN classification**

SS_HIS
KD2_PF_SH_D2SQPRI3

KD2_PFn_n_SH_D2SQPRI3
Filter 3 Primary AUTH ID

Description
Specify a qualifier or wildcard character to take the default. Any qualifiers that are not specified are set to an asterisk.

Required or optional
Optional

Default value
None

Location where the parameter value is stored
In the OMPEssid member of the rhilev.midlev.rtokename.RKD2PAR library

Output line
HQ3=(PR='<value>',...)

In the Configuration Tool (ICAT)

Panel name
Snapshot History

Panel ID
KD261PK

Panel field
Primary AUTH ID

Default value
None

Batch parameter name
KD2_PF_SH_D2SQPRI3

PARMGEN name
KD2_PFn_n_SH_D2SQPRI3

PARMGEN classification
SS_HIS
KD2_PFnn_SH_D2SQPRI4
Filter 4 Primary AUTH ID

Description
Specify a qualifier or wildcard character to take the default. Any qualifiers that are not specified are set to an asterisk.

Required or optional
Optional

Default value
None

Location where the parameter value is stored
In the OMPEssid member of the rhilev.midlev.rename.RKD2PAR library

Output line
HQ4=(PR='<value>',...)

In the Configuration Tool (ICAT)
Panel name
Snapshot History

Panel ID
KD261PK

Panel field
Primary AUTH ID

Default value
None

Batch parameter name
KD2_PF_SH_D2SQPRI4

PARMGEN name
KD2_PFnn_SH_D2SQPRI4

PARMGEN classification
SS_HIS
KD2_PF_SH_D2SQPRI5

KD2_PFnn_SH_D2SQPRI5
Filter 5 Primary AUTH ID

Description
Specify a qualifier or wildcard character to take the default. Any qualifiers that are not specified are set to an asterisk.

Required or optional
Optional

Default value
None

Location where the parameter value is stored
In the OMPEssid member of the rhilev.midlev.rlename.RKD2PAR library

Output line
HQ5=(PR='<value>','

In the Configuration Tool (ICAT)

Panel name
Snapshot History

Panel ID
KD261PK

Panel field
Primary AUTH ID

Default value
None

Batch parameter name
KD2_PF_SH_D2SQPRI5

PARMGEN name
KD2_PFnn_SH_D2SQPRI5

PARMGEN classification
SS_HIS
**KD2_PFnn_SH_D2SQPRI6**

Filter 6 Primary AUTH ID

**Description**

Specify a qualifier or wildcard character to take the default. Any qualifiers that are not specified are set to an asterisk.

**Required or optional**

Optional

**Default value**

None

**Location where the parameter value is stored**

In the OMPEssid member of the `rhilev,midlev,rtename,RKD2PAR` library

**Output line**

```
HQ6=(PR='<value>',...,)
```

In the Configuration Tool (ICAT)

*Panel name*

Snapshot History

*Panel ID*

KD261PK

*Panel field*

Primary AUTH ID

**Default value**

None

**Batch parameter name**

KD2_PF_SH_D2SQPRI6

**PARMGEN name**

KD2_PFnn_SH_D2SQPRI6

**PARMGEN classification**

SS_HIS
DB2 Explain

This section lists the parameters for DB2 Explain.

Explain functions provide an easy-to-read representation of access plan information for your SQL queries and statements. You can use this information to decide how to tune your queries. The built-in explain functions are Easy Explain and the EXPLAIN report.

Note: You must create a database to be used by EXPLAIN. There are no special requirements regarding database name, storage group, or index buffer pool. But you must use an 8 KB buffer pool. The database name has to be specified using the PARMGEN.
KD2_PFnn_EX_D2EXACT
Enable DB2 EXPLAIN

Description
Specify whether you want to enable DB2 EXPLAIN:
Y Enable DB2 EXPLAIN.
N Disable DB2 EXPLAIN.

Required or optional
Required

Default value
N

Permissible values
Y, N

Location where the parameter value is stored
This value is not stored in a configuration member.

In the Configuration Tool (ICAT)
Panel name
DB2 Explain
Panel ID
KD261P4
Panel field
Enable DB2 EXPLAIN
Default value
N
Permissible values
Y, N

Batch parameter name
KD2_PF_EX_D2EXACT

PARMGEN name
KD2_PFnn_EX_D2EXACT

PARMGEN classification
EXPLAIN
**KD2_PF_EX_D2EXDB**

**KD2_PFnn_EX_D2EXDB**

DB2 EXPLAIN data base

**Description**

 Specify the EXPLAIN database name. There are no special requirements regarding database name, storage group, or index buffer pool. But you must use an 8 KB buffer pool.

**Required or optional**

 Optional (Required in case KD2_PF_EX_D2EXACT is set to Y)

**Default value**

 DATBA8K

**Locations where the parameter value is stored**

**Location 1**

 In the EXCT ssid member of the rhilev.midlev.rtename.RKD2SAM library

 **Output line**

 IN DATABASE <value>

**Location 2**

 In the EXGR ssid member of the rhilev.midlev.rtename.RKD2SAM library

 **Output line**

 GRANT CREATETS ON DATABASE <value> TO <KD2_PFnn_EX_D2EXOBJ>

**Location 3**

 In the EXGR ssid member of the rhilev.midlev.rtename.RKD2SAM library

 **Output line**

 GRANT CREATETAB ON DATABASE <value> TO <KD2_PFnn_EX_D2EXOBJ>

**Location 4**

 In the EXCQ ssid member of the rhilev.midlev.rtename.RKD2SAM library

 **Output line**

 IN DATABASE <value>

In the Configuration Tool (ICAT)

**Panel name**

 DB2 Explain

**Panel ID**

 KD261P4

**Panel field**

 EXPLAIN database

**Default value**

 DATBA8K

**Batch parameter name**

 KD2_PF_EX_D2EXDB

**PARMGEN name**

 KD2_PFnn_EX_D2EXDB

**PARMGEN classification**

 EXPLAIN
KD2_PFnn_EX_D2EXOBJ

DB2 EXPLAIN objects owner

Description

Specify the AUTH ID of the OMEGAMON XE for DB2 PE started task.

Required or optional

Optional (Required in case KD2_PF_EX_D2EXACT is set to Y)

Default value

DB2PM

Locations where the parameter value is stored

Location 1

In the EXBDssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line

OWNER (<value>) +

Location 2

In the EXGRssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line

GRANT SELECT ON SYSIBM.SYSPLAN TO <value>;

Location 3

In the EXGRssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line

GRANT SELECT ON SYSIBM.SYSSMT TO <value>;

Location 4

In the EXGRssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line

GRANT SELECT ON SYSIBM.SYSTABLES TO <value>;

Location 5

In the EXGRssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line

GRANT SELECT ON SYSIBM.SYSPACKSTMT TO <value>;

Location 6

In the EXGRssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line

GRANT SELECT ON SYSIBM.SYSINDEXES TO <value>;

Location 7

In the EXGRssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line

GRANT SELECT ON SYSIBM.SYSTABLEPAR TO <value>;

Location 8

In the EXC8ssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line

SET CURRENT SQLID = '<value>';

Location 9

In the EXGRssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
GRANT SELECT ON SYSIBM.SYINDEXPART TO <value>;

Location 10
In the EXGRssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
GRANT SELECT ON SYSIBM.SYSPACKAGE TO <value>;

Location 11
In the EXGPssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
GRANT SELECT ON TABLE <value>..DGO_SYSDBRM TO %exuser%;

Location 12
In the EXGRssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
GRANT CREATETS ON DATABASE <KD2_PFnn_EX_D2EXDB> TO <value>;

Location 13
In the EXGRssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
GRANT SELECT ON SYSIBM.SYSTABLESPACE TO <value>;

Location 14
In the EXGPssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
GRANT INSERT ON TABLE <value>..DGO_SYSPACKAGE TO %exuser%;

Location 15
In the EXCQssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
SET CURRENT SQLID = '<value>';

Location 16
In the EXC0ssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
SET CURRENT SQLID = '<value>';

Location 17
In the EXGRssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
GRANT SELECT ON SYSIBM.SYSKEYS TO <value>;

Location 18
In the EXGRssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
GRANT SELECT ON SYSIBM.SYINDEXSTATS TO <value>;

Location 19
In the EXGRssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
GRANT SELECT ON SYSIBM.SYSPACKDEP TO <value>;}
Output line
  GRANT SELECT ON SYSIBM.SYSTABSTATS TO <value>;

Location 21
In the EXGRssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
  GRANT SELECT ON SYSIBM.SYSCOLUMNS TO <value>;

Location 22
In the EXGRssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
  GRANT CREATETAB ON DATABASE <KD2_PFnn_EX_D2EXDB> TO <value>;

Location 23
In the EXGRssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
  GRANT PACKADM ON COLLECTION KO2EX510 TO <value>;

Location 24
In the EXGRssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
  GRANT USE OF STOGROUP SYSDEFLT TO <value>;

Location 25
In the EXCVssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
  SET CURRENT SQLID = '<value>';

Location 26
In the EXGRssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
  GRANT SELECT ON SYSIBM.SYSDATABASE TO <value>;

Location 27
In the EXDVssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
  SET CURRENT SQLID = '<value>';

Location 28
In the EXGPssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
  GRANT SELECT ON TABLE <value>..DGO_SYSPACKAGE TO %exuser%;

Location 29
In the EXGRssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
  GRANT SELECT ON SYSIBM.SYSCOLDIST TO <value>;

Location 30
In the EXCTssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
  SET CURRENT SQLID = '<value>';

Location 31
In the EXGRssid member of the rhilev.midlev.rtename.RKD2SAM library
KD2_PF_EX_D2EXOBJ

Output line
GRANT SELECT ON SYSIBM.SYSFIELDS TO <value>;

Location 32
In the EXGRssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
GRANT SELECT ON SYSIBM.SYSDBRM TO <value>;

Location 33
In the EXGRssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
GRANT SELECT ON SYSIBM.SYSSYNONYMS TO <value>;

Location 34
In the EXGRssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
GRANT SELECT ON SYSIBM.SYSPACKLIST TO <value>;

Location 35
In the EXGPssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
GRANT INSERT ON TABLE <value>..DGO_SYSDBRM TO %exuser%;

Location 36
In the EXBPssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
OWNER (<value>) +

Location 37
In the EXGRssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
GRANT BINDADD TO <value>;

In the Configuration Tool (ICAT)

Panel name
DB2 Explain

Panel ID
KD261P4

Panel field
Owner of EXPLAIN objects

Default value
DB2PM

Batch parameter name
KD2_PF_EX_D2EXOBJ

PARMGEN name
KD2_PFnn_EX_D2EXOBJ

PARMGEN classification
EXPLAIN
**KD2_PFnn_EX_D2EXQMF**

Is DB2 EXPLAIN QMF installed

**Description**

Specify Y if QMF is installed.

**Required or optional**

Optional (Required in case KD2_PF_EX_D2EXACT is set to Y)

**Default value**

N

**Permissible values**

Y, N

**Locations where the parameter value is stored**

**Location 1**

In the EXGPssid member of the `rhilev.midlev.rtename.RKD2SAM` library

Output line

```
GRANT SELECT ON <value>..OBJECT_DATA TO %exuser%;
```

**Location 2**

In the EXCQssid member of the `rhilev.midlev.rtename.RKD2SAM` library

Output line

```
FROM <value>..OBJECT_DIRECTORY ;
```

**Location 3**

In the EXGPssid member of the `rhilev.midlev.rtename.RKD2SAM` library

Output line

```
GRANT SELECT ON <value>..OBJECT_DIRECTORY TO %exuser%;
```

**Location 4**

In the EXCQssid member of the `rhilev.midlev.rtename.RKD2SAM` library

Output line

```
FROM <value>..OBJECT_DATA ;
```

**In the Configuration Tool (ICAT)**

**Panel name**

DB2 Explain

**Panel ID**

KD261P4

**Panel field**

Is QMF installed

**Default value**

N

**Permissible values**

Y, N

**Batch parameter name**

KD2_PF_EX_D2EXQMF

**PARMGEN name**

KD2_PFnn_EX_D2EXQMF

**PARMGEN classification**

EXPLAIN
KD2_PF_EX_D2EXQMFI

KD2_PFnn_EX_D2EXQMFI
DB2 QMF Owner ID

Description
If QMF is installed, specify the QMF Owner ID.

Required or optional
Optional (Required in case KD2_PF_EX_D2EXACT is set to Y and KD2_PF_EX_D2EXQMF is set to Y)

Default value
Q

Locations where the parameter value is stored

Location 1
In the EXGPssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
GRANT SELECT ON <value>..OBJECT_DIRECTORY TO %exuser%;

Location 2
In the EXCQssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
FROM <value>..OBJECT_DIRECTORY ;

Location 3
In the EXCQssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
FROM <value>..OBJECT_DATA ;

Location 4
In the EXGPssid member of the rhilev.midlev.rtename.RKD2SAM library
Output line
GRANT SELECT ON <value>..OBJECT_DATA TO %exuser%;

In the Configuration Tool (ICAT)

Panel name
DB2 Explain

Panel ID
KD261P4

Panel field
QMF Owner ID

Default value
Q

Batch parameter name
KD2_PF_EX_D2EXQMFI

PARMGEN name
KD2_PFnn_EX_D2EXQMFI

PARMGEN classification
EXPLAIN
DB2 SQL Performance Analyzer

This section lists all configuration parameters provided for DB2 SQL Performance Analyzer.

DB2 SQL Performance Analyzer provides you with an extensive analysis of SQL queries without executing them. This analysis helps you in tuning your queries to achieve maximum performance. DB2 SQL Performance Analyzer can analyze new access paths, determine if action is needed, and estimate the costs of new paths in database resources consumed.

With DB2 SQL Performance Analyzer you can reduce the escalating costs of database queries by estimating their cost prior to execution. It delivers an Easy Explain function that provides an alternate view of the Explain data. Comparison of old and new plans is supported, along with Retro-Explain for Access plans, helping you to find out how long queries will take and to prevent queries from running too long. It can also aid in the migration of catalog statistics to test machines for in-depth analysis of production applications.
**KD2_PF_SQLPA_CF_ANLC**

**KD2_PFnn_SQLPA_CF_ANLC**
Fully qualified SQL PA ANLC config

**Description**
Specify the fully qualified SQL PA ANL Control configuration.

**Required or optional**
Optional (Required in case KD2_PF_SQLPA_ENABLE is set to Y and KD2_PF_SQLPA_CF_ENBL is set to Y)

**Default value**
SYS1.DB2.SQLPA(ANLC)

**Location where the parameter value is stored**
In the OMPEssid member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**
SQLPAANLCTL=<value>

**In the Configuration Tool (ICAT)**

**Panel name**
SQL Performance Analyzer

**Panel ID**
KD261PQ

**Panel field**
ANL Control

**Default value**
None

**Batch parameter name**
KD2_PF_SQLPA_CF_ANLC

**PARMGEN name**
KD2_PFnn_SQLPA_CF_ANLC

**PARMGEN classification**
SQLPA
KD2_PFnn_SQLPA_CF_ANLP

Fully qualified SQL PA ANLP config

Description

Specify the fully qualified SQL PA ANL Parm configuration.

Required or optional

Optional (Required in case KD2_PF_SQLPA_ENABLE is set to Y and KD2_PF_SQLPA_CF_ENBL is set to Y)

Default value

SYS1.DB2.SQLPA(ANLP)

Location where the parameter value is stored

In the OMPEssid member of the rhilev.midlev.rmtree.RKD2PAR library

Output line

SQLPAANLPPARM=<value>

In the Configuration Tool (ICAT)

Panel name

SQL Performance Analyzer

Panel ID

KD261PQ

Panel field

ANL Parm

Default value

None

Batch parameter name

KD2_PF_SQLPA_CF_ANLP

PARMGEN name

KD2_PFnn_SQLPA_CF_ANLP

PARMGEN classification

SQLPA
KD2_PF_SQLPA_CF_ENBL

KD2_PFnn_SQLPA_CF_ENBL
Enable use of SQL PA configuration

Description
Used to specify whether an existent SQL Performance Analyzer configuration is to be used:
- Y The SQL Performance Analyzer configuration is used.
- N The SQL Performance Analyzer configuration is not used.
In version 520 and above, this parameter must be set to Y.

Required or optional
- Optional (Required in case KD2_PF_SQLPA_ENABLE is set to Y)

Default value
Y

Permissible values
Y

Location where the parameter value is stored
This value is not stored in a configuration member.

In the Configuration Tool (ICAT)
Panel name
SQL Performance Analyzer

Panel ID
KD261PQ

Panel field
Use existing SQL Performance Analyzer configuration

Default value
Y

Permissible values
Y

Batch parameter name
KD2_PF_SQLPA_CF_ENBL

PARMGEN name
KD2_PFnn_SQLPA_CF_ENBL

PARMGEN classification
SQLPA
**KD2_PFnn_SQLPA_ENABLE**

Enable SQL Performance Analyzer

**Description**

Used to specify whether the SQL Performance Analyzer is to be configured. Specify one of the following values:

- **Y**: The SQL Performance Analyzer is to be configured.
- **N**: The SQL Performance Analyzer is not to be configured.

**Required or optional**

Required

**Default value**

N

**Permissible values**

Y, N

**Location where the parameter value is stored**

This value is not stored in a configuration member.

**In the Configuration Tool (ICAT)**

**Panel name**

SQL Performance Analyzer

**Panel ID**

KD261PQ

**Panel field**

Enable SQL Performance Analyzer

**Default value**

N

**Permissible values**

Y, N

**Batch parameter name**

KD2_PF_SQLPA_ENABLE

**PARMGEN name**

KD2_PFnn_SQLPA_ENABLE

**PARMGEN classification**

SQLPA
KD2_PF_SQLPA_STEPDSN

KD2_PFnn_SQLPA_STEPDSN
Fully qualified SQL PA STEPLIB dsn

Description
Specify the fully qualified SQL PA STEPLIB data set name. Refer to the IBM DB2 SQL Performance Analyzer for z/OS Installation Guide for detailed installation and customization information.

Required or optional
Optional (Required in case KD2_PF_SQLPA_ENABLE is set to Y)

Default value
SYS1.DB2.SQLPA

Location where the parameter value is stored
In the OMPEssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
SQLPASTEPLIB=<value>

In the Configuration Tool (ICAT)

Panel name
SQL Performance Analyzer

Panel ID
KD261PQ

Panel field
Dataset name

Default value
None

Batch parameter name
KD2_PF_SQLPA_STEPDSN

PARMGEN name
KD2_PFnn_SQLPA_STEPDSN

PARMGEN classification
SQLPA
**KD2_PFnn_SQLPA_VERSION**

DB2 version for SQLPA

**Description**

This is the version of the SQL Performance Analyzer. Valid values are 4.2 and 5.1

**Required or optional**

Optional (Required in case KD2_PF_SQLPA_ENABLE is set to Y)

**Default value**

5.1

**Permissible values**

4.2, 5.1

**Location where the parameter value is stored**

In the OMPEssid member of the `rhilev.midlev.rtename.RKD2PAR` library

**Output line**

`SQLPAVERSION=<value>`

**In the Configuration Tool (ICAT)**

**Panel name**

SQL Performance Analyzer

**Panel ID**

KD261PQ

**Panel field**

Version

**Default value**

5.1

**Permissible values**

4.2, 5.1

**Batch parameter name**

KD2_PF_SQLPA_VERSION

**PARMGEN name**

KD2_PFnn_SQLPA_VERSION

**PARMGEN classification**

SQLPA
Additional DB2 traces

This section lists the parameters for additional DB2 traces.

You can specify additional DB2 trace commands to be started automatically when OMEGAMON XE for DB2 PE starts. Use the following parameters to provide valid START TRACE commands. Note that when OMEGAMON XE for DB2 PE/OMEGAMON XE for DB2 PM shuts down, the traces are not stopped.
**KD2_PFnn_TRACES_318**

**Start IFCID 318**

**Description**

Used to specify whether a start trace command should be issued for IFCID 318. IFCID 318 is a switch that causes DB2 to collect detailed information on SQL statements in the dynamic statement cache. The collected information is externalized by means of IFCID 316.

If you set 'Enable end-to-end SQL monitoring support' (KD2_OMPE_E2E_MON_SPR) to Y, IFCID 318 must be set to Y.

Note: Dynamic statement cache data collection is only available for DB2 Version 8 and higher. If you intend to use end-to-end SQL monitoring dynamic statement cache data collection is required. Make sure to set this flag to Y.

**Required or optional**

Required

**Default value**

N

**Permissible values**

Y, N

**Location where the parameter value is stored**

This value is not stored in a configuration member.

**In the Configuration Tool (ICAT)**

**Panel name**

Start Additional DB2 Traces

**Panel ID**

KD2PTRAC

**Panel field**

IFCID 318 (Dynamic SQL statement cache)

**Default value**

N

**Permissible values**

Y, N

**Batch parameter name**

KD2_PF_TRACES_318

**PARMGEN name**

KD2_PFnn_TRACES_318

**PARMGEN classification**

DB2
**KD2_PF_TRACES_400**

**KD2_PFnn_TRACES_400**

Start IFCID 400

**Description**

Used to specify whether a start trace command should be issued for IFCID 400. IFCID 400 is a switch that causes DB2 to collect detailed information on static SQL statement in the EDM pool. The collected information is externalized by means of IFCID 401. The default is N.

If you set ‘Enable end-to-end SQL monitoring support’ (KD2_OMPE_E2E_MON_SPR) to Y, IFCID 400 must be set to Y.

Note: Static statement data collection is only available for DB2 Version 10. If you intend to use end-to-end SQL monitoring static SQL statement data collection is required. Make sure to set this flag to Y.

**Required or optional**

Required

**Default value**

N

**Permissible values**

Y, N

**Location where the parameter value is stored**

This value is not stored in a configuration member.

**In the Configuration Tool (ICAT)**

**Panel name**

Start Additional DB2 Traces

**Panel ID**

KD2PTRAC

**Panel field**

IFCID 400 (Static SQL statement cache)

**Default value**

N

**Permissible values**

Y, N

**Batch parameter name**

KD2_PF_TRACES_400

**PARMGEN name**

KD2_PFnn_TRACES_400

**PARMGEN classification**

DB2
KD2_PFnn_TRACES_DB2CMD2

DB2 Command 2

Description

You can enter any valid DB2 command in this field. For each DB2 subsystem that is monitored by the OEMGAMON Collector a PE Server subtask is started. The DB2 command specified here is issued as part of the start sequence of the PE Server subtask.

Note: Your input for these fields is not validated. You have to make sure that you enter a valid DB2 command. If the DB2 command is not correct the return code is written to the SYSPRINT of the OMEGAMON Collector at startup.

Required or optional

Optional

Default value

None

Location where the parameter value is stored

In the OMPEssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line

DB2COMMAND='<value>'

In the Configuration Tool (ICAT)

Panel name

Start Additional DB2 Traces

Panel ID

KD2PTRAC

Panel field

DB2 command

Default value

None

Batch parameter name

KD2_PF_TRACES_DB2CMD2

PARMGEN name

KD2_PFnn_TRACES_DB2CMD2

PARMGEN classification

DB2
**KD2_PF_TRACES_DB2CMD3**

**KD2_PFnn_TRACES_DB2CMD3**

DB2 Command 3

**Description**

You can enter any valid DB2 command in this field. For each DB2 subsystem that is monitored by the OEMGAMON Collector a PE Server subtask is started. The DB2 command specified here is issued as part of the start sequence of the PE Server subtask.

Note: Your input for these fields is not validated. You have to make sure that you enter a valid DB2 command. If the DB2 command is not correct the return code is written to the SYSPRINT of the OMEGAMON Collector at startup.

**Required or optional**

Optional

**Default value**

None

**Location where the parameter value is stored**

In the OMPEssid member of the `rhilev.midlev.rtename.RKD2PAR` library

**Output line**

```
DB2COMMAND='<value>'
```

**In the Configuration Tool (ICAT)**

**Panel name**

Start Additional DB2 Traces

**Panel ID**

KD2PTRAC

**Panel field**

DB2 command

**Default value**

None

**Batch parameter name**

KD2_PF_TRACES_DB2CMD3

**PARMGEN name**

KD2_PFnn_TRACES_DB2CMD3

**PARMGEN classification**

DB2
**KD2_PFnn_TRACES_DB2CMD4**

**DB2 Command 4**

**Description**

You can enter any valid DB2 command in this field. For each DB2 subsystem that is monitored by the OEMGAMON Collector a PE Server subtask is started. The DB2 command specified here is issued as part of the start sequence of the PE Server subtask.

Note: Your input for these fields is not validated. You have to make sure that you enter a valid DB2 command. If the DB2 command is not correct the return code is written to the SYSPRINT of the OMEGAMON Collector at startup.

**Required or optional**

Optional

**Default value**

None

**Location where the parameter value is stored**

In the OMPEssid member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

DB2COMMAND='<value>'

**In the Configuration Tool (ICAT)**

**Panel name**

Start Additional DB2 Traces

**Panel ID**

KD2PTRAC

**Panel field**

DB2 command

**Default value**

None

**Batch parameter name**

KD2_PF_TRACES_DB2CMD4

**PARMGEN name**

KD2_PFnn_TRACES_DB2CMD4

**PARMGEN classification**

DB2
Additional monitoring features

This section lists the parameters for additional monitoring features.

This section contains parameters to enable additional monitoring features. These include DB2 message monitoring and Stored Procedure monitoring.
**KD2_PFnn_ACS_DB2MSGMON**

Starts the DB2 message monitor

**Description**

If Y is specified the DB2 message monitor is started.

**Required or optional**

Required

**Default value**

N

**Permissible values**

Y, N

**Location where the parameter value is stored**

In the OMPEssid member of the `rhlev.midlev.rtename.RKD2PAR` library

**Output line**

`DB2MSGMON=<value>`

**In the Configuration Tool (ICAT)**

**Panel name**

Additional Settings

**Panel ID**

KD2PFAC

**Panel field**

Start DB2 message monitoring

**Default value**

N

**Permissible values**

Y, N

**Batch parameter name**

KD2_PF_ACS_DB2MSGMON

**PARMGEN name**

KD2_PFnn_ACS_DB2MSGMON

**PARMGEN classification**

READA
KD2_PF_READA_OPBUFSIZE

KD2_PFnn_READA_OPBUFSIZE

The size of the OP buffer

Description
The size of the OP buffer used by the READA collector task to collect DB2 IFCIDs for all monitoring functions. The default value is 16 MB. The value is customizable between 16 and 64 MB.

Required or optional
Required

Default value
16

Minimum
16

Maximum
64

Location where the parameter value is stored
In the OMPEssid member of the rhilev.midleo.rtename.RKD2PAR library

Output line
RACOPSIZEN=<value>

In the Configuration Tool (ICAT)

Panel name
Additional Settings

Panel ID
KD2PPFAC

Panel field
OP Buffer Size

Default value
16

Minimum
16

Maximum
64

Batch parameter name
KD2_PF_READA_OPBUFSIZE

PARMGEN name
KD2_PFnn_READA_OPBUFSIZE

PARMGEN classification
READA
KD2_PFnn_READA_OPBUFTHR

The threshold for the OP buffer POST evt

Description
The threshold used to fire a POST event to the READA collector task. The threshold specifies the percentage of the OP buffer size that can be buffered before the monitor program ECB is posted. The ECB is posted when the amount of trace data collected has reached the value that is specified in the byte count field.

Required or optional
Required

Default value
6

Minimum
5

Maximum
75

Location where the parameter value is stored
In the OMPEssid member of the rhilev,midlev,rtename,RKD2PAR library

Output line
RACOPTHRSHLD=<value>

In the Configuration Tool (ICAT)

Panel name
Additional Settings

Panel ID
KD2PPFAC

Panel field
OP Buffer POST Threshold

Default value
5

Minimum
5

Maximum
75

Batch parameter name
KD2_PF_READA_OPBUFTHR

PARMGEN name
KD2_PFnn_READA_OPBUFTHR

PARMGEN classification
READA

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**KD2_PF_READA_SPMON**

**KD2_PFnn_READA_SPMON**

Starts the Stored Procedure monitor

**Description**

If Y is specified the SP monitor is started. The READA collector task is not started by default. However, if the SP monitor is activated the READA collector task gets automatically started. By starting the SP monitor, other monitor functions in the READA collectors task are not influenced. If the SP monitor is stopped and no other monitor function is started in the READA collector task, then the READA collector task is also stopped. When activating the SP monitor a DB2 trace command is started.

**Required or optional**

Required

**Default value**

N

**Permissible values**

Y, N

**Location where the parameter value is stored**

In the OMPEssid member of the rhlev.midlev.rtename.RKD2PAR library

**Output line**

SPMON=<value>

**In the Configuration Tool (ICAT)**

**Panel name**

Additional Settings

**Panel ID**

KD2PPFAC

**Panel field**

Start DB2 message monitoring

**Default value**

N

**Permissible values**

Y, N

**Batch parameter name**

KD2_PF_READA_SPMON

**PARMGEN name**

KD2_PFnn_READA_SPMON

**PARMGEN classification**

READA
Chapter 4. DB2 subsystem parameters

This section lists the DB2 subsystem parameters.

Use these DB2 subsystem parameters to configure the following components:
- DB2 subsystem, PE Client, and end-to-end SQL monitoring (including stored procedure monitoring)
- Performance Warehouse
How to create DB2 subsystem configurations in PARMGEN user profiles

This section explains how to create DB2 subsystem configurations in PARMGEN user profiles.

DB2 subsystem (and data sharing) configurations are configured along all other configuration parameters in the PARMGEN user profile. They are identified by `KD2_DBxx` where `xx` is the number that distinguishes different DB2 subsystem configurations. For example, `KD2_DB01` refers to the first DB2 subsystem configuration and `KD2_DB02` refers to the second DB2 subsystem configuration. You can create up to 99 DB2 subsystem configurations.

The section that holds DB2 subsystem configurations is structured as follows:

```
KD2_DB
KD2_DBxx_ROW
  xx
...
KD2_DByy_ROW
  yy
...
KD2_DB_END
```

where `xx` and `yy` are the numbers of those two DB2 subsystem configurations. The parameter `KD2_PFxx_PROFID` contains the ID that is used to assign a DB2 subsystem configuration with a DB2 profile.

In order to assign a DB2 profile to a DB2 subsystem configuration, use the parameter `KD2_DBzz_DB2_PROFID`. For example, to assign the DB2 profile `P0zz` to a DB2 subsystem configuration set, use the following parameter:

```
KD2_DBxx_DB2_PROFID  P0zz
```
DB2 subsystem configuration, PE Client, and end-to-end SQL monitoring (including stored procedure monitoring)

This section lists the parameters for configuring the end-to-end SQL monitoring function and the PE Client GUI usage.

End-to-end SQL monitoring (also called Extended Insight feature) allows you to monitor SQL level response time and other performance metrics from the distributed application program through the Data Server driver (JCC, CLI, or .NET), application server (for example, WebSphere® Application Server), the network, and DB2 for z/OS. Beside the client-side captured SQL execution information, the repository server retrieves additional SQL metrics from the host DB2 SQL statement cache. In order to support access to the host data via the OMEGAMON data collector started task, the IP address and port of the started task need to be configured and the SQL statement cache flag IFCIDs (IFCID 318 for dynamic SQL and IFCID 401 for static SQL cache in DB2 10) need to be started.

The PE Client is a graphical user interface that retrieves DB2 host real-time performance metrics via the same TCP/IP port as the end-to-end SQL monitoring function.
**KD2_DB_DB2_DESCRIPTION**

**KD2_DBnn_DB2_DESCRIPTION**

DB2 subsystem description

**Description**

Specify a short description of the DB2 subsystem.

**Required or optional**

Optional

**Default value**

SS01 DB2 Subsystem

**Location where the parameter value is stored**

This value is not stored in a configuration member.

**In the Configuration Tool (ICAT)**

**Panel 1**

- **Panel name**
  DB2 Subsystem Monitoring Configuration

- **Panel ID**
  KD261P9

- **Panel field**
  Description

**Panel 2**

- **Panel name**
  DB2 Subsystem Monitoring Configuration

- **Panel ID**
  KD261P9A

- **Panel field**
  Description

**Default value**

SS01 DB2 Subsystem

**Batch parameter name**

KD2_DB_DB2_DESC

**PARMGEN name**

KD2_DBnn_DB2_DESCRIPTION

**PARMGEN classification**

DB2
**KD2_DBnn_DB2_DSNTIAD**

Dynamic SQL module

**Description**

The dynamic SQL module that you want to use for generating the jobs that perform GRANT and BIND statements on the DB2 subsystem. This parameter is optional. If you don't have special requirements for this DB2 subsystem and you want to use the default DSNTIAD, then set the 'Overwrite global settings' (KD2_DBnn_DB2_USEFLG) flag to 'N'.

**Required or optional**

Optional (Required in case KD2_DB_DB2_USEFLG is set to Y)

**Default value**

DSNTIAD

**Location where the parameter value is stored**

In the DB2PROF member of the rhilev.midlev.rtsname.RKD2PRF library

**Output line**

`DB2_DSNTIAD=<value>`

**In the Configuration Tool (ICAT)**

**Panel name**

DB2 Subsystem Information

**Panel ID**

KD261PD

**Panel field**

DB2 DSNTIAD module

**Default value**

DSNTIAD

**Batch parameter name**

KD2_DB_DB2_DSNTIAD

**PARMGEN name**

KD2_DBnn_DB2_DSNTIAD

**PARMGEN classification**

DB2
KD2_DB_DB2_DS_GROUP

KD2_DBnn_DB2_DS_GROUP
Monitor data sharing group

Description
Used to specify whether OMEGAMON XE for DB2 PE is to monitor the activity of the whole data sharing group or of the locally connected DB2 subsystem only. The monitor traces must be started on all data sharing group members to monitor their activity. This parameter is ignored, if the DB2 subsystem is not a data sharing member.

Required or optional
Optional (Required in case KD2_OMPE_PE_SUPPORT is set to Y)

Default value
Y

Permissible values
Y, N

Locations where the parameter value is stored

Location 1
In the DB2PROF member of the rhilev.midlev.rtename.RKD2PRF library
Output line
DSG=<value>

Location 2
In the OMPEssid member of the rhilev.midlev.rtename.RKD2PAR library
Output line
DATASHARINGGROUP=<value>

In the Configuration Tool (ICAT)

Panel 1
Panel name
PE Client Port Information
Panel ID
KD261P5
Panel field
DSG group view (Y, N)

Panel 2
Panel name
Port Information
Panel ID
KD261P5B
Panel field
DSG group view (Y, N)

Default value
Y

Permissible values
Y, N

Batch parameter name
KD2_DB_DB2_DS_GROUP
PARMGEN name
   KD2_DBnn_DB2_DS_GROUP

PARMGEN classification
   DB2
**KD2_DB_DB2_LOADLIB**

**KD2_DBnn_DB2_LOADLIB**
DB2 load library

**Description**
The DB2 load library that you want to use for generating the jobs that perform GRANT and BIND statements on the DB2 subsystem. This parameter is optional. If you don't have special requirements for this DB2 subsystem and you want to use the global settings, then set the 'Overwrite global settings' (KD2_DBnn_DB2_USEFLG) flag to 'N'.

**Required or optional**
Optional (Required in case KD2_DB_DB2_USEFLG is set to Y)

**Default value**
None

**Locations where the parameter value is stored**

**Location 1**
In the OMEPessid member of the rhilev.midlev.rtename.RKD2PAR library

*Output line*

```
DB2LOADLIB=<value>
```

**Location 2**
In the DB2PROF member of the rhilev.midlev.rtename.RKD2PRF library

*Output line*

```
DB2_LOADLIB=<value>
```

**In the Configuration Tool (ICAT)**

**Panel name**
DB2 Subsystem Information

**Panel ID**
KD261PD

**Panel field**
DB2 load library

**Default value**
None

**Batch parameter name**
KD2_DB_DB2_LOADLIB

**PARMGEN name**
KD2_DBnn_DB2_LOADLIB

**PARMGEN classification**
DB2
Monitor at startup

**Description**

Specify whether you want to monitor the DB2 subsystem at startup of the OMEGAMON Collector or not.

Y  The DB2 subsystem is monitored when you start the OMEGAMON Collector.

N  The DB2 subsystem is not monitored when you start the OMEGAMON Collector, even if auto-detection of DB2 subsystems is activated. You can start monitoring the DB2 subsystem via an operator command later. See the Configuration and Customization Guide for details details on operator commands.

**KD2_DBnn_DB2_MONITOR_START** updates the xKD2PAR(OMPEMSTS) runtime member as file-tailored by the xKD2PRF(CRTDB2*) submitted job from PARMGEN $PARSE*-related "Create runtime members" jobs.

```
DB2SSID=(%KD2_DBnn_DB2_SSID%) * if MONITOR_STARTUP = "Y"
EXCLUDEDB2SSID=(%KD2_DBnn_DB2_SSID%) * if MONITOR_STARTUP = "N"
```

**Required or optional**

Required

**Default value**

Y

**Permissible values**

Y, N

**Location where the parameter value is stored**

In the DB2PROF member of the rhilev.midlev.rtename.RKD2PRF library

**Output line**

```
MONITOR_STARTUP=<value>
```

**In the Configuration Tool (ICAT)**

**Panel 1**

**Panel name**
DB2 Subsystem Monitoring Configuration

**Panel ID**
KD261P9

**Panel field**
Start (Y,N)

**Panel 2**

**Panel name**
DB2 Subsystem Monitoring Configuration

**Panel ID**
KD261P9A

**Panel field**
Start (Y,N)

**Default value**

Y

**Permissible values**

Y, N
KD2_DB_DB2_MONITOR_START

Batch parameter name
 KD2_DB_DB2_MONITOR_START

PARMGEN name
 KD2_DBnn_DB2_MONITOR_START

PARMGEN classification
 DB2
KD2_DBnn_DB2_PORT_NUM

PE Server TCP/IP port

Description
Specify the TCP/IP port on which the OMEGAMON Collector listens to incoming requests from the Performance Expert Client for the respective DB2 subsystem.

The TCP/IP port must be unique for each DB2 subsystem.

Required or optional
Optional (Required in case KD2_OMPE_E2E_MON_Sprt,KD2_OMPE_PE_Support is set to Y)

Default value
2000

Minimum
1

Maximum
65535

Locations where the parameter value is stored

Location 1
In the DB2PROF member of the rhilev.midlev.rtenant.RKD2PRF library

Output line
PECLIENT_PORT=<value>

Location 2
In the OMPEssid member of the rhilev.midlev.rtenant.RKD2PAR library

Output line
PORT=<value>

In the Configuration Tool (ICAT)

Panel 1
Panel name
PE Client Port Information

Panel ID
KD261P5

Panel field
Port

Panel 2
Panel name
Port Information

Panel ID
KD261P5A

Panel field
Port

Panel 3
Panel name
Port Information

Panel ID
KD261P5B
**KD2_DB_DB2_PORT_NUM**

Panel field
- Port

Default value
- 2000

Minimum
- 1

Maximum
- 65535

Batch parameter name
- KD2_DB_DB2_PORT

PARMGEN name
- KD2_DBnn_DB2_PORT_NUM

PARMGEN classification
- DB2
**KD2_DBnn_DB2_PROFID**

**Profile ID**

**Description**

Specify the ID of the monitoring profile that should be associated with this DB2 subsystem.

**Required or optional**

Required

**Default value**

P001

**Location where the parameter value is stored**

In the DB2PROF member of the `rhilev.midlev.rtename.RKD2PRF` library

**Output line**

`PROFID=<value>`

**In the Configuration Tool (ICAT)**

Panel 1

Panel name

DB2 Subsystem Monitoring Configuration

Panel ID

KD261P9

Panel field

Profid

Panel 2

Panel name

DB2 Subsystem Monitoring Configuration

Panel ID

KD261P9A

Panel field

Profid

**Default value**

P001

**Batch parameter name**

`KD2_DB_DB2_PROFID`

**PARMGEN name**

`KD2_DBnn_DB2_PROFID`

**PARMGEN classification**

DB2
**KD2_DB_DB2_RUNLIB**

**KD2_DBnn_DB2_RUNLIB**
DB2 run library

**Description**
The DB2 run library that you want to use for generating the jobs that perform GRANT and BIND statements on the DB2 subsystem. This parameter is optional. If you don’t have special requirements for this DB2 subsystem and you want to use the global settings, then set the 'Overwrite global settings' (KD2_DBnn_DB2_USEFLG) flag to 'N'.

**Required or optional**
Optional (Required in case KD2_DB_DB2_USEFLG is set to Y)

**Default value**
None

**Location where the parameter value is stored**
In the DB2PROF member of the rhilev.midlev.rtename.RKD2PRF library

**Output line**
```
DB2_RUNLIB=<value>
```

**In the Configuration Tool (ICAT)**

**Panel name**
DB2 Subsystem Information

**Panel ID**
KD261PD

**Panel field**
DB2 run library

**Default value**
None

**Batch parameter name**
KD2_DB_DB2_RUNLIB

**PARMGEN name**
KD2_DBnn_DB2_RUNLIB

**PARMGEN classification**
DB2
**KD2_DBnn_DB2_SSID**

DB2 subsystem ID

**Description**

Specify the DB2 subsystem ID.

**Required or optional**

Required

**Default value**

SS01

**Location where the parameter value is stored**

In the RVTMssid member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

```
DB2=<value>, !X
```

**In the Configuration Tool (ICAT)**

**Panel 1**

- **Panel name**
  DB2 Subsystem Monitoring Configuration

- **Panel ID**
  KD261P9

- **Panel field**
  DB2ID

**Panel 2**

- **Panel name**
  DB2 Subsystem Monitoring Configuration

- **Panel ID**
  KD261P9A

- **Panel field**
  DB2ID

**Default value**

SS01

**Batch parameter name**

KD2_DB_DB2_SSID

**PARMGEN name**

KD2_DBnn_DB2_SSID

**PARMGEN classification**

DB2
**KD2_DB_DB2_SYSNAME**

**Description**

The name of the z/OS system that the DB2 subsystem runs on. The z/OS system name that you specify here is used to replace the %SY% variable in data set names. If you specify a data set name for a monitoring profile, for example the name of a Near-Term History VSAM log data set, you can use %SY% as a variable for the z/OS system name.

If you enable ‘Add JES2 JOBPARM SYSAFF to jobs’ (KD2_OMPE_SYSAFF), the z/OS system name is used to generate the SYSAFF parameter in the jobcards of the BIND and GRANT jobs generated for the different DB2 subsystems.

**Required or optional**

Optional (Required in case KD2_OMPE_CHECKSYS is set to Y)

**Default value**

None

**Location where the parameter value is stored**

In the DB2PROF member of the rhilev.midlev.rtename.RKD2PRF library

**Output line**

```
DB2_SYSID=<value>
```

**In the Configuration Tool (ICAT)**

- **Panel name**
  DB2 Subsystem Monitoring Configuration

- **Panel ID**
  KD261P9

- **Panel field**
  z/OS System ID

- **Default value**
  None

**Batch parameter name**

KD2_DB_DB2_SYSNAME

**PARMGEN name**

KD2_DBnn_DB2_SYSNAME

**PARMGEN classification**

DB2
**KD2_DBnn_DB2_USEFLG**

Overwrite global settings

**Description**

Specify whether the global settings should be overwritten.

- **Y** You must specify the load and run library to be used for this DB2 subsystem as well as the dynamic SQL module to be used.
- **N** The global settings for DB2 load library, run library and the default value DSNTIAD are used to generate GRANT and BIND jobs.

**Required or optional**

Required

**Default value**

- **N**

**Permissible values**

- **Y, N**

**Location where the parameter value is stored**

This value is not stored in a configuration member.

**In the Configuration Tool (ICAT)**

- **Panel name**
  
  DB2 Subsystem Information

- **Panel ID**
  
  KD261PD

- **Panel field**
  
  Overwrite global settings

- **Default value**
  
  - **N**

- **Permissible values**
  
  - **Y, N**

**Batch parameter name**

- **KD2_DB_DB2_USEFLG**

**PARMGEN name**

- **KD2_DBnn_DB2_USEFLG**

**PARMGEN classification**

- **DB2**
**KD2_DB_DB2_VER**

**KD2_DBnn_DB2_VER**

DB2 version

**Description**

Specify the version of the DB2 subsystem.

Valid values are 10 for DB2 Version 10, 11 for DB2 Version 11 or 12 for DB2 Version 12.

**Required or optional**

Required

**Default value**

None

**Permissible values**

10, 11, 12

**Location where the parameter value is stored**

In the DB2PROF member of the rhilev.midlev.rtename.RKD2PRF library

**Output line**

DB2_VERSION=<value>

**In the Configuration Tool (ICAT)**

**Panel 1**

**Panel name**

DB2 Subsystem Monitoring Configuration

**Panel ID**

KD261P9

**Panel field**

DB2 Version

**Panel 2**

**Panel name**

DB2 Subsystem Monitoring Configuration

**Panel ID**

KD261P9A

**Panel field**

DB2 Version

**Default value**

None

**Permissible values**

10, 11, 12

**Batch parameter name**

KD2_DB_DB2_VER

**PARMGEN name**

KD2_DBnn_DB2_VER

**PARMGEN classification**

DB2
Performance Warehouse

This section lists the parameters for configuring Performance Warehouse.

During the customization you must determine the affected DB2 subsystems and Performance Warehouse options to be used by SQL PA.

The Performance Warehouse (PWH) provides an infrastructure at the OMEGAMON Server and at the workstation to automate performance analysis tasks. It introduces the concept of processes which represent single or recurring tasks such as loading DB2 data into the Performance Warehouse or generating reports. The definition of processes and analysis tasks can be performed at the workstation via the Performance Warehouse graphical user interface, which is launched from the Performance Expert client.

The Performance Warehouse consists of DB2 tables to save the accounting and statistics performance counters which are the most relevant counters for analyzing performance problems. The tables are nearly identical to the tables in the Performance Database. It also consists of DB2 tables used by internal services. The Performance Warehouse provides a server component that automatically creates and maintains the DB2 tables.

When an SQL performance analysis is requested, the OMEGAMON Collector silently submits a batch job that captures the analysis data and puts it into appropriate Performance Warehouse tables, from where it is retrieved and reassembled and presented as an SQL PA report.
KD2_DB_PWH_D2PWACCG

KD2_DBnn_PWH_D2PWACCG
 PE Server PWH storage group

Description
 Specify a valid Storage Group name for the PWH database.

Required or optional
 Optional (Required in case KD2_DB_PWH_D2PWPWHA is set to Y)

Default value
 STORPAC

Locations where the parameter value is stored

Location 1
 In the PWG1ssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
 GRANT USE OF STOGROUP <value> TO DB2PM;

Location 2
 In the PWHRssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
 ACCS 2 <value> storage group to use

In the Configuration Tool (ICAT)

Panel name
 Performance Warehouse Configuration

Panel ID
 KD261PW

Panel field
 ACCS Storage Group

Default value
 None

Batch parameter name
 KD2_DB_PWH_D2PWACCG

PARMGEN name
 KD2_DBnn_PWH_D2PWACCG

PARMGEN classification
 PWH
KD2_DBnn_PWH_D2PWACCP

PE Server PWH DB2 buffer pool

Description
Specify a valid Buffer Pool name for the PWH database.

Required or optional
Optional (Required in case KD2_DB_PWH_D2PWPWHA is set to Y)

Default value
BP0

Locations where the parameter value is stored

Location 1
In the PWHRssid member of the rhilev.midlev.rtename.RKD2PAR library
Output line
ACCS 1 <value> name of buffer pool

Location 2
In the PWG1ssid member of the rhilev.midlev.rtnename.RKD2SAM library
Output line
GRANT USE OF BUFFERPOOL <value> TO DB2PM;

In the Configuration Tool (ICAT)

Panel name
Performance Warehouse Configuration

Panel ID
KD261PW

Panel field
ACCS Buffer Pool

Default value
BP0

Batch parameter name
KD2_DB_PWH_D2PWACCP

PARMGEN name
KD2_DBnn_PWH_D2PWACCP

PARMGEN classification
PWH
**KD2_DB_PWH_D2PWASNM**

**KD2_DBnn_PWH_D2PWASNM**

PE Server PWH job name

**Description**

Used to specify the name of the JCL that is used to submit jobs through Performance Warehouse. Specified value is the jobname.

**Required or optional**

Optional (Required in case KD2_DB_PWH_D2PWPWHA is set to Y)

**Default value**

\%RTE\_STC\_PREFIX\%PWH

**Locations where the parameter value is stored**

**Location 1**

In the OMPEssid member of the \rhilev.midlev.rtename.RKD2PAR library

**Output line**

PERFORMANCEWAREHOUSEADDRESSSPACENAME=<value>

**Location 2**

In the DB2PROF member of the \rhilev.midlev.rtename.RKD2PRF library

**Output line**

PWH\_STC=<value>

**In the Configuration Tool (ICAT)**

**Panel name**

Performance Warehouse Configuration

**Panel ID**

KD261P1

**Panel field**

PWH job name

**Default value**

None

**Batch parameter name**

KD2_DB_PWH_D2PWASNM

**PARMGEN name**

KD2_DBnn_PWH_D2PWASNM

**PARMGEN classification**

PWH
**KD2_DBnn_PWH_D2PWBUFP**

PE Server PWH DB2 buffer pool

**Description**

Specify a valid Buffer Pool name for the PWH database.

**Required or optional**

Optional (Required in case KD2_DB_PWH_D2PWPWHA is set to Y)

**Default value**

BP0

**Locations where the parameter value is stored**

**Location 1**
In the PWHRssid member of the *rhilev.midlev.rtename.RKD2PAR* library

**Output line**

```
PROCESS 1 <value> name of buffer pool
```

**Location 2**
In the PWG1ssid member of the *rhilev.midlev.rtename.RKD2SAM* library

**Output line**

```
GRANT USE OF BUFFERPOOL <value> TO DB2PM;
```

**In the Configuration Tool (ICAT)**

**Panel name**
Performance Warehouse Configuration

**Panel ID**
KD261PW

**Panel field**
PROCESS Buffer Pool

**Default value**

BP0

**Batch parameter name**
KD2_DB_PWH_D2PWBUFP

**PARMGEN name**
KD2_DBnn_PWH_D2PWBUFP

**PARMGEN classification**

PWH
**KD2_DB_PWH_D2PWCBUF**

**KD2_DBnn_PWH_D2PWCBUF**
PE Server PWH DB2 buffer pool

**Description**
Specify a valid Buffer Pool name for the PWH database.

**Required or optional**
Optional (Required in case KD2_DB_PWH_D2PWPWHA is set to Y)

**Default value**
BP0

**Locations where the parameter value is stored**

**Location 1**
In the PWHRssid member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**
CONTROL 1 <value> name of buffer pool

**Location 2**
In the PWG1ssid member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**
GRANT USE OF BUFFERPOOL <value> TO DB2PM;

**In the Configuration Tool (ICAT)**

**Panel name**
Performance Warehouse Configuration

**Panel ID**
KD261PW

**Panel field**
CONTROL Buffer Pool

**Default value**
BP0

**Batch parameter name**
KD2_DB_PWH_D2PWCBUF

**PARMGEN name**
KD2_DBnn_PWH_D2PWCBUF

**PARMGEN classification**
PWH
**KD2_DBnn_PWH_D2PWCSTG**

**PE Server PWH storage group**

**Description**

Specify a valid Storage Group name for the PWH database.

**Required or optional**

Optional (Required in case KD2_DB_PWH_D2PWPWHA is set to Y)

**Default value**

STOGRPCO

**Locations where the parameter value is stored**

Location 1

In the PWG1ssid member of the `rhilev.midlev.rtename.RKD2SAM` library

**Output line**

```
GRANT USE OF STOGROUP <value> TO DB2PM;
```

Location 2

In the PWHRssid member of the `rhilev.midlev.rtename.RKD2PAR` library

**Output line**

```
CONTROL 2 <value> storage group to use
```

**In the Configuration Tool (ICAT)**

**Panel name**

Performance Warehouse Configuration

**Panel ID**

KD261PW

**Panel field**

CONTROL Storage Group

**Default value**

None

**Batch parameter name**

KD2_DB_PWH_D2PWCSTG

**PARMGEN name**

KD2_DBnn_PWH_D2PWCSTG

**PARMGEN classification**

PWH
KD2_DB_PWH_D2PWIXBP

KD2_DBnn_PWH_D2PWIXBP
PE Server PWH DB2 buffer pool

Description
Specify a valid Buffer Pool name for the PWH database.

Required or optional
Optional (Required in case KD2_DB_PWH_D2PWPWHA is set to Y)

Default value
BP0

Locations where the parameter value is stored

Location 1
In the PWHRssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
INDEXES 1 <value> name of buffer pool

Location 2
In the PWG1ssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
GRANT USE OF BUFFERPOOL <value> TO DB2PM;

In the Configuration Tool (ICAT)

Panel name
Performance Warehouse Configuration

Panel ID
KD261PW

Panel field
Buffer Pool

Default value
BP0

Batch parameter name
KD2_DB_PWH_D2PWIXBP

PARMGEN name
KD2_DBnn_PWH_D2PWIXBP

PARMGEN classification
PWH
**KD2_DBnn_PWH_D2PWOBUF**

PE Server PWH DB2 buffer pool

**Description**

Specify a valid Buffer Pool name for the PWH database.

**Required or optional**

Optional (Required in case KD2_DB_PWH_D2PWPWHA is set to Y)

**Default value**

BP0

**Locations where the parameter value is stored**

**Location 1**

In the PWHRssid member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

```
OUTPUT 1 <value> name of buffer pool
```

**Location 2**

In the PWG1ssid member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

```
GRANT USE OF BUFFERPOOL <value> TO DB2PM;
```

**In the Configuration Tool (ICAT)**

**Panel name**

Performance Warehouse Configuration

**Panel ID**

KD261PW

**Panel field**

OUTPUT Buffer Pool

**Default value**

BP0

**Batch parameter name**

KD2_DB_PWH_D2PWOBUF

**PARMGEN name**

KD2_DBnn_PWH_D2PWOBUF

**PARMGEN classification**

PWH
**KD2_DB_PWH_D2PWOLBP**

**KD2_DBnn_PWH_D2PWOLBP**
PE Server PWH DB2 buffer pool

**Description**
Specify a valid Buffer Pool name for the PWH database.

**Required or optional**
Optional (Required in case KD2_DB_PWH_D2PWPWHA is set to Y)

**Default value**
BP32K

**Locations where the parameter value is stored**

**Location 1**
In the PWHRssid member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**
```
ONLINE 1 <value> name of buffer pool
```

**Location 2**
In the PWG1ssid member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**
```
GRANT USE OF BUFFERPOOL <value> TO DB2PM;
```

**In the Configuration Tool (ICAT)**

**Panel name**
Performance Warehouse Configuration

**Panel ID**
KD261PW

**Panel field**
ONLINE Buffer Pool

**Default value**
BP32K

**Batch parameter name**
KD2_DB_PWH_D2PWOLBP

**PARMGEN name**
KD2_DBnn_PWH_D2PWOLBP

**PARMGEN classification**
PWH
KD2_DBnn_PWH_D2PWOLTG

PE Server PWH storage group

Description

Specify a valid Storage Group name for the PWH database.

Required or optional

Optional (Required in case KD2_DB_PWH_D2PWPWHA is set to Y)

Default value

STORGRPON

Locations where the parameter value is stored

Location 1
In the PWG1ssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
GRANT USE OF STOGROUP <value> TO DB2PM;

Location 2
In the PWHRssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
ONLINE 2 <value> specify storage group to use

In the Configuration Tool (ICAT)

Panel name
Performance Warehouse Configuration

Panel ID
KD261PW

Panel field
ONLINE Storage Group

Default value
None

Batch parameter name
KD2_DB_PWH_D2PWOLTG

PARMGEN name
KD2_DBnn_PWH_D2PWOLTG

PARMGEN classification
PWH
KD2_DB_PWH_D2PWOSTG

KD2_DBnn_PWH_D2PWOSTG
PE Server PWH storage group

Description
Specify a valid Storage Group name for the PWH database.

Required or optional
Optional (Required in case KD2_DB_PWH_D2PWPWHA is set to Y)

Default value
STOGROUP

Locations where the parameter value is stored

Location 1
In the PWG1ssid member of the rhilev.midlev.rtename.RKD2SAM library

Output line
GRANT USE OF STOGROUP <value> TO DB2PM;

Location 2
In the PWHRssid member of the rhilev.midlev.rtename.RKD2PAR library

Output line
OUTPUT 2 <value> storage group to use

In the Configuration Tool (ICAT)

Panel name
Performance Warehouse Configuration

Panel ID
KD261PW

Panel field
OUTPUT Storage Group

Default value
None

Batch parameter name
KD2_DB_PWH_D2PWOSTG

PARMGEN name
KD2_DBnn_PWH_D2PWOSTG

PARMGEN classification
PWH
KD2_DBnn_PWH_D2PWPSTG

PE Server PWH storage group

Description
   Specify a valid Storage Group name for the PWH database.

Required or optional
   Optional (Required in case KD2_DB_PWH_D2PWPWHA is set to Y)

Default value
   STOGRPPR

Locations where the parameter value is stored

Location 1
   In the PWG1ssid member of the rhilev.midlev.rtename.RKD2SAM library
   Output line
      GRANT USE OF STOGROUP <value> TO DB2PM;

Location 2
   In the PWHRssid member of the rhilev.midlev.rtename.RKD2PAR library
   Output line
      PROCESS 2 <value> storage group to use

In the Configuration Tool (ICAT)

Panel name
   Performance Warehouse Configuration

Panel ID
   KD261PW

Panel field
   PROCESS Storage Group

Default value
   None

Batch parameter name
   KD2_DB_PWH_D2PWPSTG

PARMGEN name
   KD2_DBnn_PWH_D2PWPSTG

PARMGEN classification
   PWH
**Enable Performance Warehouse**

**Description**
Used to specify if the Performance Warehouse is activated.

**Required or optional**
Required

**Default value**
N

**Permissible values**
Y, N

**Locations where the parameter value is stored**

- **Location 1**
  In the DB2PROF member of the `rhilev.midlev.rtename.RKD2PRF` library
  
  **Output line**
  `PWH_ACTIVE=<value>`

- **Location 2**
  In the OMPEssid member of the `rhilev.midlev.rtename.RKD2PAR` library
  
  **Output line**
  `PERFORMANCEWAREHOUSE=<value>`

**In the Configuration Tool (ICAT)**

- **Panel name**
  Performance Warehouse Configuration

- **Panel ID**
  KD261P1

- **Panel field**
  PWH Enabled

- **Default value**
  N

- **Permissible values**
  Y, N

**Batch parameter name**
KD2_DB_PWH_D2PWPWHA

**PARMGEN name**
KD2_DBnn_PWH_D2PWPWHA

**PARMGEN classification**
PWH
**KD2_DBnn_PWH_D2PWQRYP**

PE Server PWH DB2 buffer pool

**Description**

Specify a valid Buffer Pool name for the PWH database.

**Required or optional**

Optional (Required in case KD2_DB_PWH_D2PWPHDA is set to Y)

**Default value**

BP32K

**Locations where the parameter value is stored**

1. Location 1
   - In the PWHRssid member of the rhilev.midlev.ritename.RKD2PAR library
   - **Output line**
     
     QRY 1 <value> name of 32K buffer pool

2. Location 2
   - In the PWG1ssid member of the rhilev.midlev.ritename.RKD2SAM library
   - **Output line**
     
     GRANT USE OF BUFFERPOOL <value> TO DB2PM;

**In the Configuration Tool (ICAT)**

- **Panel name**
  - Performance Warehouse Configuration

- **Panel ID**
  - KD261PW

- **Panel field**
  - QUERY Buffer Pool

- **Default value**
  - BP32K

**Batch parameter name**

KD2_DB_PWH_D2PWQRYP

**PARMGEN name**

KD2_DBnn_PWH_D2PWQRYP

**PARMGEN classification**

PWH
**Description**

Specify a valid Storage Group name for the PWH database.

**Required or optional**

Optional (Required in case KD2_DB_PWH_D2PWPWH_A is set to Y)

**Default value**

STOGRPQR

**Locations where the parameter value is stored**

**Location 1**

In the PWG1ssid member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

GRANT USE OF STOGROUP <value> TO DB2PM;

**Location 2**

In the PWHRssid member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

QRY 2 <value> storage group to use

**In the Configuration Tool (ICAT)**

**Panel name**

Performance Warehouse Configuration

**Panel ID**

KD261PW

**Panel field**

QUERY Storage Group

**Default value**

None

**Batch parameter name**

KD2_DB_PWH_D2PWQRYS

**PARMGEN name**

KD2_DBnn_PWH_D2PWQRYS

**PARMGEN classification**

PWH
**KD2_DBnn_PWH_D2PWROTG**

PE Server PWH DB2 buffer pool

**Description**

Specify a valid Buffer Pool name for the PWH database.

**Required or optional**

Optional (Required in case KD2_DB_PWH_D2PWPWHA is set to Y)

**Default value**

BP0

**Locations where the parameter value is stored**

**Location 1**

In the PWHRssid member of the `rhilev.midlev.rtename.RKD2PAR` library

**Output line**

`ROT 1 <value> name of buffer pool`

**Location 2**

In the PWG1ssid member of the `rhilev.midlev.rtename.RKD2SAM` library

**Output line**

`GRANT USE OF BUFFERPOOL <value> TO DB2PM;`

**In the Configuration Tool (ICAT)**

**Panel name**

Performance Warehouse Configuration

**Panel ID**

KD261PW

**Panel field**

ROT Buffer Pool

**Default value**

BP0

**Batch parameter name**

KD2_DB_PWH_D2PWROTG

**PARMGEN name**

KD2_DBnn_PWH_D2PWROTG

**PARMGEN classification**

PWH
KD2_DB_PWH_D2PWROTS

KD2_DBnn_PWH_D2PWROTS
PE Server PWH storage group

Description
Specify a valid Storage Group name for the PWH database.

Required or optional
Optional (Required in case KD2_DB_PWH_D2PWPWHA is set to Y)

Default value
STORGROUPPRO

Locations where the parameter value is stored

Location 1
In the PWG1ssid member of the rhilev,midlev,rtename,RKD2SAM library

Output line
GRANT USE OF STOGROUP <value> TO DB2PM;

Location 2
In the PWHRssid member of the rhilev,midlev,rtename,RKD2PAR library

Output line
ROT 2 <value> storage group to use

In the Configuration Tool (ICAT)

Panel name
Performance Warehouse Configuration

Panel ID
KD261PW

Panel field
ROT Storage Group

Default value
None

Batch parameter name
KD2_DB_PWH_D2PWROTS

PARMGEN name
KD2_DBnn_PWH_D2PWROTS

PARMGEN classification
PWH
**KD2_DBnn_PWH_D2PWSTBP**

**Description**
Specify a valid Buffer Pool name for the PWH database.

**Required or optional**
Optional (Required in case KD2_DB_PWH_D2PWPWHA is set to Y)

**Default value**
BP32K

**Location where the parameter value is stored**
In the PWHRssid member of the *rhilev.midlev.rtename.RKD2PAR* library

**Output line**
```
STAT  1  <value>  name of buffer pool
```

**In the Configuration Tool (ICAT)**

- **Panel name**
  Performance Warehouse Configuration

- **Panel ID**
  KD261PW

- **Panel field**
  STAT Buffer Pool

- **Default value**
  BP32K

**Batch parameter name**
KD2_DB_PWH_D2PWSTBP

**PARMGEN name**
KD2_DBnn_PWH_D2PWSTBP

**PARMGEN classification**
PWH
**KD2_DB_PWH_D2PWSTGG**

**KD2_DBnn_PWH_D2PWSTGG**
PE Server PWH storage group

**Description**
Specify a valid Storage Group name for the PWH database.

**Required or optional**
Optional (Required in case KD2_DB_PWH_D2PWPWHA is set to Y)

**Default value**
STOGRPWW

**Locations where the parameter value is stored**

**Location 1**
In the PWG1ssid member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**
GRANT USE OF STOGROUP <value> TO DB2PM;

**Location 2**
In the PWHRssid member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**
INDEXES 2 <value> storage group to use

**In the Configuration Tool (ICAT)**

**Panel name**
Performance Warehouse Configuration

**Panel ID**
KD261PW

**Panel field**
Storage Group

**Default value**
None

**Batch parameter name**
KD2_DB_PWH_D2PWSTGG

**PARMGEN name**
KD2_DBnn_PWH_D2PWSTGG

**PARMGEN classification**
PWH
KD2_DBnn_PWH_D2PWSTTG

PE Server PWH storage group

**Description**

Specify a valid Storage Group name for the PWH database.

**Required or optional**

Optional (Required in case KD2_DB_PWH_D2PWPWHA is set to Y)

**Default value**

STOGRPST

**Location where the parameter value is stored**

In the PWHRssid member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

```
STAT 2 <value> storage group to use
```

**In the Configuration Tool (ICAT)**

**Panel name**

Performance Warehouse Configuration

**Panel ID**

KD261PW

**Panel field**

STAT Storage Group

**Default value**

None

**Batch parameter name**

KD2_DB_PWH_D2PWSTTG

**PARMGEN name**

KD2_DBnn_PWH_D2PWSTTG

**PARMGEN classification**

PWH
**KD2_DB_PWH_EXITLIB**

**KD2_DBnn_PWH_EXITLIB**
DB2 exit library

**Description**
The name of the dataset in which the DB2 exit load modules reside that should be used by the Performance Warehouse job.

**Required or optional**
Optional (Required in case KD2_DB_PWH_D2PWPWHA is set to Y)

**Default value**
%GBL_DSN_DB2_DSNEXIT%

**Location where the parameter value is stored**
In the &D2PWASNM member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**
//JOBLIB DD DISP=SHR,DSN=<value>

**In the Configuration Tool (ICAT)**

**Panel name**
Performance Warehouse Configuration

**Panel ID**
KD261PW

**Panel field**
DB2 exit library

**Default value**
None

**Batch parameter name**
KD2_DB_PWH_EXITLIB

**PARMGEN name**
KD2_DBnn_PWH_EXITLIB

**PARMGEN classification**
PWH
**KD2_DBnn_PWH_LOADLIB**

**DB2 load library**

**Description**

The name of the dataset in which the DB2 load modules reside that should be used by the Performance Warehouse job.

**Required or optional**

Optional (Required in case KD2_DB_PWH_D2PWPWHA is set to Y)

**Default value**

%GBL_DSN_DB2_SDSNLOAD%

**Location where the parameter value is stored**

In the &D2PWASNM member of the rhilev.midlev.rtename.RKD2SAM library

**Output line**

```
// DD DISP=SHR,DSN=<value>
```

**In the Configuration Tool (ICAT)**

**Panel name**

Performance Warehouse Configuration

**Panel ID**

KD261PW

**Panel field**

DB2 load library

**Default value**

None

**Batch parameter name**

KD2_DB_PWH_LOADLIB

**PARMGEN name**

KD2_DBnn_PWH_LOADLIB

**PARMGEN classification**

PWH
Chapter 5. OMEGAMON XE for DB2 Agent

This section lists the parameters for OMEGAMON XE for DB2 Agent.

Monitoring agents monitor and collect performance data from a managed system. The agents are installed on the systems or subsystems you want to monitor and communicate with a single Tivoli Enterprise Monitoring Server (remote or hub). They provide data and performance information to the Tivoli Enterprise Monitoring Server and receive instructions from the Tivoli Enterprise Monitoring Server. They are also able to issue commands to the system or application you are monitoring, either on request or as the result of automation triggered by a situation.

This section only contains parameters that are specific to the OMEGAMON XE for DB2 Agent. All parameters that are common, thus shared among other products, are not listed here. For a list of missing parameters look at the Common parameters.
**Description**

Specify Y if subsystem autodiscovery is to be enabled. With this product, a feature to allow the automatic detection of startup and termination of DB2 subsystems is supported. Collection probes for the subsystems are automatically started and stopped upon detection of subsystem activity.

This autodiscovery function is supported by the DPDC AUTODISCOVER command. When the DPDC AUTODISCOVER command is specified, it starts a new monitoring thread in the CMS address space at startup time, which automatically starts data collection for active DB2 subsystems. It also periodically examines subsystems to detect when new subsystems are started or terminated. Data collection threads are automatically started or stopped by the monitoring thread when a change of state is detected. The data collection options specified in the RKANPARU(KDPCNFG) member is changed to allow wildcards "*" to be accepted in parameters that currently accept DB2 subsystem IDs.

This enables the end-user to specify monitoring options without knowing in advance the names of all the DB2 subsystems. Specific data collection categories may be disabled or monitoring of entire subsystems disabled.

The default is Y.

**Required or optional**

Optional

**Default value**

Y

**Permissible values**

Y, N

**Location where the parameter value is stored**

In the KDPSTART member of the rhilev.midlev.rtename.RKANCMDU library

**Output line**

DPDC AUTODISCOVER

**In the Configuration Tool (ICAT)**

**Panel name**

DEFINE DB2 SUBSYSTEMS

**Panel ID**

KD541P2

**Panel field**

Enable autodiscovery

**Default value**

Y

**Permissible values**

Y, N

**Batch parameter name**

KD5_AUTO

**PARMGEN name**

KD5_AUTO

**PARMGEN classification**

Agent
**KD5_AUTODETECT_INTERVAL**

DB2 Autodetect Interval

**Description**

How often auto detection should execute to check for new DB2 subsystems entering the system.

**Required or optional**

Optional

**Default value**

300

**Minimum**

0

**Maximum**

999

**Location where the parameter value is stored**

In the KD5ENV member of the `rhilev.midleo.rtename.RKANPARU` library

**Output line**

`KDP_AUTODETECT_INTERVAL=<value>`

**In the Configuration Tool (ICAT)**

- **Panel name**
  - `SPECIFY CONFIGURATION PARAMETERS`

- **Panel ID**
  - KD541P4

- **Panel field**
  - DB2 autodetect interval

- **Default value**
  - 300

- **Minimum**
  - 0

- **Maximum**
  - 999

**Batch parameter name**

`KD5_AUTODETECT_INTERVAL`

**PARMGEN name**

`KD5_AUTODETECT_INTERVAL`

**PARMGEN classification**

Agent
**KD5_DBnn_OPM_E2ESECURE_SECURE**

**E2E SQL Secure Connection**

**Description**
This specifies whether to use a secure connection to connect to the Optim Performance Manager.

**Required or optional**
Optional

**Default value**
Y

**Permissible values**
Y, N

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

**Output line**
`E2ESECURE(<value>)`

**In the Configuration Tool (ICAT)**

**Panel name**
`SPECIFY DB2 DATA COLLECTOR OPTIONS`

**Panel ID**
KD541P3

**Panel field**
Use secure connections

**Default value**
Y

**Permissible values**
Y, N

**Batch parameter name**
KD5_DB_OPM_SECURE

**PARMGEN name**
KD5_DBnn_OPM_E2ESECURE_SECURE

**PARMGEN classification**
Agent
KD5_DBnn_OPM_E2ESQLHN_TCP_HOST

E2E SQL Host Name

Description
This specifies the host name of the Optim Performance Manager.

Required or optional
Optional

Default value
None

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

Output line
E2ESQLHN(<value>)

In the Configuration Tool (ICAT)

Panel name
SPECIFY DB2 DATA COLLECTOR OPTIONS

Panel ID
KD541P3

Panel field
Hostname or IP address

Default value
None

Batch parameter name
KD5_DB_OPM_HOSTNAME

PARMGEN name
KD5_DBnn_OPM_E2ESQLHN_TCP_HOST

PARMGEN classification
Agent
**KD5_DBnn_OPM_E2ESQLPT_PORT_NUM**

**E2E SQL Port**

**Description**

This specifies the port of the Optim Performance Manager.

**Required or optional**

Optional

**Default value**

None

**Minimum**

0

**Maximum**

65535

**Location where the parameter value is stored**

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

**Output line**

E2ESQLPT(<value>)

**In the Configuration Tool (ICAT)**

**Panel name**

SPECIFY DB2 DATA COLLECTOR OPTIONS

**Panel ID**

KD541P3

**Panel field**

Port number

**Default value**

None

**Minimum**

0

**Maximum**

65535

**Batch parameter name**

KD5_DB_OPM_PORT

**PARMGEN name**

KD5_DBnn_OPM_E2ESQLPT_PORT_NUM

**PARMGEN classification**

Agent
**KD5_DBnn_SSId**

DB2 Subsystem name

**Description**

This specifies the DB2ID of the DB2 subsystem to be monitored.

**Required or optional**

Optional

**Default value**

* 

**Location where the parameter value is stored**

In the KDPSTART member of the rhilev.midlev.rename.RKANCMDU library

**Output line**

`DPDC DB2ID(<value>)`

**In the Configuration Tool (ICAT)**

**Panel 1**

- **Panel name**
  
  SPECIFY DB2 DATA COLLECTOR OPTIONS

- **Panel ID**
  
  KD541P3

- **Panel field**
  
  Specify the data collector options for DB2 subsystem

**Panel 2**

- **Panel name**
  
  SPECIFY DB2 DATA COLLECTOR OPTIONS

- **Panel ID**
  
  KD541P3A

- **Panel field**
  
  Specify the data collector options for DB2 subsystem

**Default value**

* 

**Batch parameter name**

KD5_DB_SSId

**PARMGEN name**

KD5_DBnn_SSId

**PARMGEN classification**

Agent
**KD5_DBnSS_AUTO**

DB2 autodiscovery status

**Description**

Status of the DB2 autodiscovery row. If the subsystem added contains a wildcard "*", then this value is set to Y.

**Required or optional**

Optional

**Default value**

Y

**Permissible values**

Y, N

**Location where the parameter value is stored**

This value is not stored in a configuration member.

**In the Configuration Tool (ICAT)**

This value cannot be updated using the Configuration Tool.

**Batch parameter name**

KD5_DB_SS_AUTO

**PARMGEN name**

KD5_DBnSS_AUTO

**PARMGEN classification**

Agent
**KD5_DBnn_SS_COUPFAC**

Coupling facility interval

**Description**

This specifies the interval, in seconds, that Coupling Facility statistics will be collected. The default collection interval is 600 seconds.

To disable collection of these statistics, set this field to 0.

**Required or optional**

Optional

**Default value**

600

**Minimum**

0

**Maximum**

999

**Location where the parameter value is stored**

In the KDPCNFG member of the `rhilev.midlev.rtename.RKANPARU` library

**Output line**

```
COUPFAC(<value>)
```

**In the Configuration Tool (ICAT)**

**Panel 1**

**Panel name**

`SPECIFY DB2 DATA COLLECTOR OPTIONS`

**Panel ID**

KD541P3

**Panel field**

Coupling Facility statistics

**Panel 2**

**Panel name**

`SPECIFY DB2 DATA COLLECTOR OPTIONS`

**Panel ID**

KD541P3A

**Panel field**

Coupling Facility statistics

**Default value**

600

**Minimum**

0

**Maximum**

999

**Batch parameter name**

KD5_DB_SS_COUPFAC

**PARMGEN name**

KD5_DBnn_SS_COUPFAC
KD5_DB_SS_COUPFAC

PARMGEN classification
    Agent
GBP Coupling facility interval

Description
This specifies the interval, in seconds, that Coupling Facility structure statistics for Group Buffer Pools will be collected. The default collection interval is 600 seconds.
To disable collection of these statistics, set this field to 0.

Required or optional
Optional

Default value
600

Minimum
0

Maximum
999

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

Output line
GBPSTAT(<value>)

In the Configuration Tool (ICAT)

Panel 1
- Panel name
  SPECIFY DB2 DATA COLLECTOR OPTIONS
- Panel ID
  KD541P3
- Panel field
  Group Buffer pool statistics

Panel 2
- Panel name
  SPECIFY DB2 DATA COLLECTOR OPTIONS
- Panel ID
  KD541P3A
- Panel field
  Group Buffer pool statistics

Default value
600

Minimum
0

Maximum
999

Batch parameter name
KD5_DB_SS_GBPSTAT

PARMGEN name
KD5_DBnn_SS_GBPSTAT
KD5_DB_SS_GBPSTAT

PARMGEN classification
Agent
KD5_DBnn_SS_OBJA

Group object allocation interval

**Description**

This specifies the interval, in seconds, that Coupling Facility statistics will be collected. The default collection interval is 600 seconds.

To disable collection of these statistics, set this field to 0.

**Required or optional**

Optional

**Default value**

600

**Minimum**

0

**Maximum**

999

**Location where the parameter value is stored**

In the KDPCNFG member of the rhilev.midlev.rlenam.RKANPARU library

**Output line**

OBJECTA(<value>)

**In the Configuration Tool (ICAT)**

**Panel 1**

**Panel name**

SPECIFY DB2 DATA COLLECTOR OPTIONS

**Panel ID**

KD541P3

**Panel field**

Group Object allocation statistics

**Panel 2**

**Panel name**

SPECIFY DB2 DATA COLLECTOR OPTIONS

**Panel ID**

KD541P3A

**Panel field**

Group Object allocation statistics

**Default value**

600

**Minimum**

0

**Maximum**

999

**Batch parameter name**

KD5_DB_SS_OBJA

**PARMGEN name**

KD5_DBnn_SS_OBJA
KD5_DB_SS_OBJA

PARMGEN classification
   Agent
KD5_DBnn_SS_OBJB

Group object activity interval

Description

This specifies the interval, in seconds, that Group Object and Thread Activity statistics will be collected. The default collection interval is 600 seconds.

To disable collection of these statistics, set this field to 0.

Required or optional

Optional

Default value

600

Minimum

0

Maximum

999

Location where the parameter value is stored

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

Output line

OBJECTB(<value>)

In the Configuration Tool (ICAT)

Panel 1

Panel name

SPECIFY DB2 DATA COLLECTOR OPTIONS

Panel ID

KD541P3

Panel field

Group Object and thread activity

Panel 2

Panel name

SPECIFY DB2 DATA COLLECTOR OPTIONS

Panel ID

KD541P3A

Panel field

Group Object and thread activity

Default value

600

Minimum

0

Maximum

999

Batch parameter name

KD5_DB_SS_OBJB

PARMGEN name

KD5_DBnn_SS_OBJB
KD5_DB_SS_OBJB

PARMGEN classification
   Agent
KD5_DBnn_SS_OBJV

Group object volume interval

Description
This specifies the interval, in seconds, that Group Object and Thread Volume statistics will be collected. The default collection interval is 600 seconds.

To disable collection of these statistics, set this field to 0.

Required or optional
Optional

Default value
600

Minimum
0

Maximum
999

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

Output line
OBJECTV(<value>)

In the Configuration Tool (ICAT)

Panel 1
Panel name
SPECIFY DB2 DATA COLLECTOR OPTIONS

Panel ID
KD541P3

Panel field
Group Object and thread volume

Panel 2
Panel name
SPECIFY DB2 DATA COLLECTOR OPTIONS

Panel ID
KD541P3A

Panel field
Group Object and thread volume

Default value
600

Minimum
0

Maximum
999

Batch parameter name
KD5_DB_SS_OBJV

PARMGEN name
KD5_DBnn_SS_OBJV
KD5_DB_SS_OBJV

PARMGEN classification
Agent
KD5_DBnn_SS_TYP

DB2 Subsystem type

Description

This specifies how libraries are allocated and used.

An RTE consists of base libraries, which can be shared, and private libraries, which cannot be shared. There are two RTE types:

SERVER
This is an internal subsystem type that is used exclusively by the CMS. Do not specify the value for this field as the configuration will do it on your behalf.

DB2
Indicates that this subsystem is a DB2 subsystem.

Required or optional
Optional

Default value
DB2

Permissible values
SERVER, DB2

Location where the parameter value is stored
This value is not stored in a configuration member.

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

Batch parameter name
KD5_DB_SS_TYP

PARMGEN name
KD5_DBnn_SS_TYP

PARMGEN classification
Agent
KD5_MSG_INTERVAL

Description

Specify the frequency to check for new DB2 messages. DB2 messages are critical to help identify issues like deadlocks, timeouts, running out of disk space, etc.

The default is 10 seconds. A collection interval of 1 to 60 seconds can be specified.

Required or optional

Optional

Default value

10

Minimum

1

Maximum

60

Location where the parameter value is stored

In the KD5ENV member of the rhilev.midlev.rteme.RKANPARU library

Output line

KDP_MSG_INTERVAL=<value>

In the Configuration Tool (ICAT)

Panel name

SPECIFY CONFIGURATION PARAMETERS

Panel ID

KD541P4

Panel field

DB2 messages collection interval

Default value

10

Minimum

1

Maximum

60

Batch parameter name

KD5_MSG_INTERVAL

PARMGEN name

KD5_MSG_INTERVAL

PARMGEN classification

Agent
**KD5_STATUS_REFRESH**

DB2 Status Refresh Interval

Description

How often auto detection should execute to check the status of known db2 subsystems.

**Required or optional**

Optional

**Default value**

60

**Minimum**

0

**Maximum**

999

Location where the parameter value is stored

In the KD5ENV member of the rhyme.midleo.rtename.RKANPARU library

**Output line**

KDP_STATUS_REFRESH=<value>

In the Configuration Tool (ICAT)

- **Panel name**
  
  SPECIFY CONFIGURATION PARAMETERS

- **Panel ID**
  
  KD541P4

- **Panel field**
  
  DB2 status refresh interval

- **Default value**
  
  60

- **Minimum**
  
  0

- **Maximum**
  
  999

**Batch parameter name**

KD5_STATUS_REFRESH

**PARMGEN name**

KD5_STATUS_REFRESH

**PARMGEN classification**

Agent
KD5_STATUS_REFRESH
Chapter 6. Service parameters

This chapter lists service parameters. Do not change them without guidance of IBM Software Support.
Confirm shutdown option

Description

This sets the maximum number of seconds between two successive SHUTDOWN commands or MVS STOP (P) commands to terminate the OMEGAMON XE for DB2 PE address space.

CONFIRM(0)

Allows TMS:Engine 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.

The default for OMEGAMON XE for DB2 PE CONFIRM is 0 which is also the TEMS default.

Required or optional

Required

Default value

0

Minimum

0

Maximum

15

Location where the parameter value is stored

In the KD2SYSIN member of the rhlev.midlev.rtename.RKD2PAR library

Output line

CONFIRM(<value>)

In the Configuration Tool (ICAT)

This value cannot be updated using the Configuration Tool.

Batch parameter name

KD2_X_DB2_CONFIRM_SHUTDOWN

PARMGEN name

KD2_X_DB2_CONFIRM_SHUTDOWN

PARMGEN classification

INIT
KD2_X_DB2_DEBUG_TRACE

TMS:Engine Debugging Services

Description

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

This parameter specifies whether TMS:Engine debugging services are to be activated.
Y Basic debugging information will be recorded.
N Basic debugging information will not be recorded.

DEBUG and STGDEBUG (KD2_X_DB2_STORAGE_STGDEBUG) may 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. parameters. DEBUG will override STGDEBUG if it follows STGDEBUG.

Required or optional
Required

Default value
N

Permissible values
Y, N

Location where the parameter value is stored
In the KD2SYSIN member of the rhilev.midlev.rtename.RKD2PAR library

Output line
DEBUG(<value>)

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

Batch parameter name
KD2_X_DB2_DEBUG_TRACE

PARMGEN name
KD2_X_DB2_DEBUG_TRACE

PARMGEN classification
DEBUG
**Initial Save Area Stack Size**

**Description**

FRAME specifies the size of the initial save area stack TMS:Engine allocates for each of its tasks.

**Required or optional**

Required

**Default value**

900

**Location where the parameter value is stored**

In the KD2SYSIN member of the hlq.midlev.rtname.RKD2PAR library

**Output line**

FRAME(<value>)

**In the Configuration Tool (ICAT)**

This value cannot be updated using the Configuration Tool.

**Batch parameter name**

KD2_X_DB2_FRAME_STACK_SIZE

**PARMGEN name**

KD2_X_DB2_FRAME_STACK_SIZE

**PARMGEN classification**

STORAGE
KD2_X_DB2_LGSA_VERIFY

Verify $GSA address availability

Description

Do not modify this parameter except under the guidance of IBM software Support.
Determines whether TMS:Engine checks that the $GSA address is available. Y or N are the only options.

Y  Means you want to check if available.
N  Means you do not want to check if available.

The default for OMEGAMON XE for DB2 PE LGSA is Y which is the TEMS default.

Required or optional
Required

Default value
Y

Permissible values
Y, N

Location where the parameter value is stored
In the KD2SYSIN member of the rhilev.midlev.rtename.RKD2PAR library

Output line
LGSA(<value>)

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

Batch parameter name
KD2_X_DB2_LGSA_VERIFY

PARMGEN name
KD2_X_DB2_LGSA_VERIFY

PARMGEN classification
INIT
**KD2_X_DB2_LSRPOOL_BUFFER_NUM1**

**Number of buffers**

**Description**

Number of virtual storage buffers to be allocated for buffer pool "n" 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.

This parameter has size of buffers and number of buffer and is specified as LSRPOOL(2048,8). This parameter is related to KD2_X_DB2_LSRPOOL_BUFSIZE1.

**Required or optional**

Required

**Default value**

8

**Minimum**

3

**Maximum**

65535

**Location where the parameter value is stored**

In the KD2SYSIN member of the rhilev.midlev.rkdsname.RKD2PAR library

**Output line**

LSRPOOL(<KD2_X_DB2_LSRPOOL_BUFSIZE1>,<value>)

**In the Configuration Tool (ICAT)**

This value cannot be updated using the Configuration Tool.

**Batch parameter name**

KD2_X_DB2_LSRPOOL_BUFFER_NUM1

**PARMGEN name**

KD2_X_DB2_LSRPOOL_BUFFER_NUM1

**PARMGEN classification**

STORAGE
**KD2_X_DB2_LSRPOOL_BUFFER_NUM2**

Number of buffers

**Description**

Number of virtual storage buffers to be allocated for buffer pool "n" 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.

This parameter has size of buffers and number of buffer and is specified as LSRPOOL(4096,32). This parameter is related to KD2_X_DB2_LSRPOOL_BUFSIZE2.

**Required or optional**

Required

**Default value**

32

**Minimum**

3

**Maximum**

65535

**Location where the parameter value is stored**

In the KD2SYSIN member of the `rhilev.midlev.retname.RKD2PAR` library.

**Output line**

`LSRPOOL(<KD2_X_DB2_LSRPOOL_BUFSIZE2>,<value>)`

**In the Configuration Tool (ICAT)**

This value cannot be updated using the Configuration Tool.

**Batch parameter name**

KD2_X_DB2_LSRPOOL_BUFFER_NUM2

**PARMGEN name**

KD2_X_DB2_LSRPOOL_BUFFER_NUM2

**PARMGEN classification**

STORAGE
KD2_X_DB2_LSRPOOL_BUFFER_NUM3

Number of buffers

Description

Number of virtual storage buffers to be allocated for buffer pool "n" 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.

This parameter has size of buffers and number of buffer and is specified as LSRPOOL(32768,3). This parameter is related to KD2_X_DB2_LSRPOOL_BUFSIZE3.

Required or optional

Required

Default value

3

Minimum

3

Maximum

65535

Location where the parameter value is stored

In the KD2SYSIN member of the rhlev.midlev.rtename.RKD2PAR library

Output line

LSRPOOL(<KD2_X_DB2_LSRPOOL_BUFSIZE3>,<value>)

In the Configuration Tool (ICAT)

This value cannot be updated using the Configuration Tool.

Batch parameter name

KD2_X_DB2_LSRPOOL_BUFFER_NUM3

PARMGEN name

KD2_X_DB2_LSRPOOL_BUFFER_NUM3

PARMGEN classification

STORAGE
**KD2_X_DB2_LSRPOOL_BUFSIZE1**

Size of virtual storage buffer in pool

**Description**

Size in bytes of each virtual storage buffer in buffer pool "n" 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.

Permissible values: 512, 1024, 2048, 4096, 8192, 12288, 16384, 20480, 24576, 28672, or 32768.

This parameter has size of buffers and number of buffer and is specified as LSRPOOL(2048,8). This parameter is related to KD2_X_DB2_LSRPOOL_BUFFER_NUM1.

**Required or optional**

Required

**Default value**

2048

**Minimum**

512

**Maximum**

32768

**Location where the parameter value is stored**

In the KD2SYSIN member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

LSRPOOL(<value>,<KD2_X_DB2_LSRPOOL_BUFFER_NUM1>)

**In the Configuration Tool (ICAT)**

This value cannot be updated using the Configuration Tool.

**Batch parameter name**

KD2_X_DB2_LSRPOOL_BUFSIZE1

**PARMGEN name**

KD2_X_DB2_LSRPOOL_BUFSIZE1

**PARMGEN classification**

STORAGE
**KD2_X_DB2_LSRPOOL_BUFSIZE2**

Size of virtual storage buffer in pool

**Description**

Size in bytes of each virtual storage buffer in buffer pool "n" 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.

Permissible values: 512, 1024, 2048, 4096, 8192, 12288, 16384, 20480, 24576, 28672, or 32768.

This parameter has size of buffers and number of buffer and is specified as LSRPOOL(4096,32). This parameter is related to KD2_X_DB2_LSRPOOL_BUFFER_NUM2.

**Required or optional**

- Required

**Default value**

- 4096

**Minimum**

- 512

**Maximum**

- 32768

**Location where the parameter value is stored**

In the KD2SYSIN member of the rhilev.midlev.rtname.RKD2PAR library

**Output line**

- LSRPOOL(<value>,<KD2_X_DB2_LSRPOOL_BUFFER_NUM2>)

**In the Configuration Tool (ICAT)**

This value cannot be updated using the Configuration Tool.

**Batch parameter name**

- KD2_X_DB2_LSRPOOL_BUFSIZE2

**PARMGEN name**

- KD2_X_DB2_LSRPOOL_BUFSIZE2

**PARMGEN classification**

- STORAGE
**KD2_X_DB2_LSRPOOL_BUFSIZE3**

Size of virtual storage buffer in pool

**Description**

Size in bytes of each virtual storage buffer in buffer pool "n" 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.

Permissible values: 512, 1024, 2048, 4096, 8192, 12288, 16384, 20480, 24576, 28672, or 32768.

This parameter has size of buffers and number of buffer and is specified as LSRPOOL(32768,3). This parameter is related to KD2_X_DB2_LSRPOOL_BUFFER_NUM3.

**Required or optional**

Required

**Default value**

32768

**Minimum**

512

**Maximum**

32768

**Location where the parameter value is stored**

In the KD2SYSIN member of the rhilev.midlev.rtenant.RKD2PAR library

**Output line**

LSRPOOL(<value>,<KD2_X_DB2_LSRPOOL_BUFFER_NUM3>)

**In the Configuration Tool (ICAT)**

This value cannot be updated using the Configuration Tool.

**Batch parameter name**

KD2_X_DB2_LSRPOOL_BUFSIZE3

**PARMGEN name**

KD2_X_DB2_LSRPOOL_BUFSIZE3

**PARMGEN classification**

STORAGE
Confirm shutdown option

Description

SDUMP specifies the type of dump CT/Engine takes whenever an abend occurs.

Y  CT/Engine will issue the MVS SDUMP macro to take a dump to the system's dump data sets. This is the default if the CT/Engine jobstep is APF-authorized.

N  CT/Engine will not issue SDUMP. This is the default when the jobstep is not authorized.

S  CT/Engine will write only a summary dump to the RKLVSnap DD statement. Please note that IBM Support Services cannot perform problem diagnosis with only a summary dump.

M  CT/Engine will request a machine readable dump to the SYSMDUMP DD statement.

Usage Notes:

1. If SDUMP(N) is specified or defaulted, CT/Engine will take a formatted dump to the RKLVSnap data set.

2. If SDUMP(Y) is specified or defaulted, but the SVC dump fails (perhaps the data set is too small), CT/Engine will proceed as if SDUMP(N) was coded.

3. In all cases a summary listing of the abend is written to RKLVSnap. The list will contain an abend summary and a dispatcher summary.

4. If you specify SDUMP(Y), the address space must be APF-authorized; otherwise it will abend. Authorization is not required for the other options.

5. We recommend that you allow SDUMP to default to the appropriate value.

6. SYSMDUMP dumps are the same as SVC dumps and must be analyzed using IPCS.

7. SVC and SYSMDUMP dumps provide several benefits. They complete faster than the formatted dump, reducing the time the address space is non-dispatchable. They cost less to ship than paper dumps. IBM support personnel can perform problem determination faster, using specialized IPCS verb exits and formatting routines.

8. Only the first dump taken will be written to the SYSMDUMP data set unless the CT/Engine JCL specifies DISP=MOD. In that case subsequent dumps are appended to the end of the data set.

9. CT/Engine automatically initializes the SYSMDUMP data set with an end-of-file mark during start up. Unless DISP=MOD is specified, any existing dumps in the data set will be overwritten.

10. If SDUMP(M) is specified, and the SYSMDUMP DD is missing or the data set initialization fails, an error message is issued and CT/Engine terminates.

11. For more information regarding SYSMDUMP processing, refer to IBM's Planning: Problem Determination and Recovery.

Required or optional  
Optional

Default value  
Y

Permissible values  
Y, N, M, S

Location where the parameter value is stored  
In the KD2SYSIN member of the rhilev.midlev.rename.RKD2PAR library
Output line
SDUMP(<value>)

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

Batch parameter name
KD2_X_DB2_SDUMP_SVC_SYS1_DUMP

PARMGEN name
KD2_X_DB2_SDUMP_SVC_SYS1_DUMP

PARMGEN classification
INIT
**KD2_X_DB2_STGQUIESCE_MODE_MSG**

**KD2_X_DB2_STGQUIESCE_MODE_MSG**

Storage Monitor Interval

**Description**

This parameter specifies the storage monitoring report interval, in minutes. Specify 0 to disable the interval messages will be issued only when short on storage is detected and when it is relieved.

**Required or optional**

Optional

**Default value**

0

**Minimum**

0

**Maximum**

120

**Location where the parameter value is stored**

In the KD2SYSIN member of the `rhilev.midlev.rtename.RKD2PAR` library

**Output line**

`STGMON(<value>)`

**In the Configuration Tool (ICAT)**

This value cannot be updated using the Configuration Tool.

**Batch parameter name**

`KD2_X_DB2_STGQUIESCE_MODE_MSG`

**PARMGEN name**

`KD2_X_DB2_STGQUIESCE_MODE_MSG`

**PARMGEN classification**

`STORAGE`
KD2_X_DB2_STORAGE_LIMIT_EXTEND

LIMIT parameter in RKD2PAR(KD2SYSIN)

Description

This parameter specifies the maximum size for the TMS:Engine primary storage (above-the-line) request. 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 625K.

Required or optional

Required

Default value

18

Minimum

16

Maximum

25

Location where the parameter value is stored

In the KD2SYSIN member of the rhilev.midlev.rtename.RKD2PAR library

Output line

LIMIT(<value>,X)

In the Configuration Tool (ICAT)

This value cannot be updated using the Configuration Tool.

Batch parameter name

KD2_X_DB2_STORAGE_LIMIT_EXTEND

PARMGEN name

KD2_X_DB2_STORAGE_LIMIT_EXTEND

PARMGEN classification

STORAGE
Primary maximum storage request

**Description**

This parameter specifies the maximum size for the TMS:Engine primary storage request. 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 625K.

**Required or optional**

Required

**Default value**

16

**Minimum**

16

**Maximum**

25

**Location where the parameter value is stored**

In the KD2SYSIN member of the `rhilev.midlev.rtename.RKD2PAR` library

**Output line**

`LIMIT(<value>,P)`

**In the Configuration Tool (ICAT)**

This value cannot be updated using the Configuration Tool.

**Batch parameter name**

`KD2_X_DB2_STORAGE_LIMIT_PRIMARY`

**PARMGEN name**

`KD2_X_DB2_STORAGE_LIMIT_PRIMARY`

**PARMGEN classification**

STORAGE
**KD2_X_DB2_STORAGE_MIN_EXTEND**

Extended minimum storage request

**Description**

This parameter specifies the minimum amount of extended storage that will be allocated. Extended storage is above the 16-Megabyte line.

If you want to use extended storage, you must code a non-zero value for the minimum parameter. This parameter is related to KD2_X_DB2_STORAGE_MIN_PRIMARY.

**Required or optional**

Required

**Default value**

8192

**Minimum**

0

**Maximum**

9999999

**Location where the parameter value is stored**

In the KD2SYSIN member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

MINIMUM(<value>,X)

**In the Configuration Tool (ICAT)**

This value cannot be updated using the Configuration Tool.

**Batch parameter name**

KD2_X_DB2_STORAGE_MIN_EXTEND

**PARMGEN name**

KD2_X_DB2_STORAGE_MIN_EXTEND

**PARMGEN classification**

STORAGE
**KD2_X_DB2_STORAGE_MIN_PRIMARY**

Primary minimum storage request

**Description**

This parameter specifies the minimum amount of primary storage that will be allocated. Primary storage is below the 16-Megabyte line.

If you want to use extended storage, you must code a non-zero value for the minimum parameter below the 16-Megabyte line. This parameter is related to KD2_X_DB2_STORAGE_MIN_EXTEND.

**Required or optional**

- Required

**Default value**

- 512

**Minimum**

- 0

**Maximum**

- 9999999

**Location where the parameter value is stored**

In the KD2SYSIN member of the rhilev.midlev.rtename.RKD2PAR library

**Output line**

- MINIMUM(<value>,P)

**In the Configuration Tool (ICAT)**

This value cannot be updated using the Configuration Tool.

**Batch parameter name**

- KD2_X_DB2_STORAGE_MIN_PRIMARY

**PARMGEN name**

- KD2_X_DB2_STORAGE_MIN_PRIMARY

**PARMGEN classification**

- STORAGE
KD2_X_DB2_STORAGE_STGDEBUG

Description
Do not modify this parameter except under the guidance of IBM software Support.
This parameter specifies whether TMS:Engine storage debugging services are to be activated.

N  Storage debugging information will not be recorded.
Y  Basic storage debugging information will be recorded.
X  Extended storage debugging information will be recorded.

DEBUG (KD2_X_DB2_DEBUG_TRACE) and STGDEBUG may 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

Default value
N

Permissible values
Y, N, X

Location where the parameter value is stored
In the KD2SYSIN member of the rhilev.midlev.rtename.RKD2PAR library

Output line
STGDEBUG(<value>)

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

Batch parameter name
KD2_X_DB2_STORAGE_STGDEBUG

PARMGEN name
KD2_X_DB2_STORAGE_STGDEBUG

PARMGEN classification
DEBUG
KD2_X_DB2_WTO_ROUTE_TYPE

Message type for WTO Route code handling

Description

This parameter specifies the message type that should have special WTO route code handling. Possible values are: ALERT, ERROR, INFO, LOG, REPLY, USER, VIEW, WARN.

This parameter has type and code and is specified as WTORC(ALERT,11). This parameter is related to KD2_X_DB2_WTO_ROUTE_CODE.

Required or optional
Optional

Default value
ALERT

Permissible values
ALERT, ERROR, INFO, LOG, REPLY, USER, VIEW, WARN

Location where the parameter value is stored
In the KD2SYSIN member of the rhilev.midleov.rtename.RKD2PAR library

Output line
WTORC(<value>,KD2_X_DB2_WTO_ROUTE_CODE)

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

Batch parameter name
KD2_X_DB2_WTO_ROUTE_TYPE

PARMGEN name
KD2_X_DB2_WTO_ROUTE_TYPE

PARMGEN classification
INIT
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Dept. 0606
Schoenaicher Strasse 220
71032 Boeblingen
Germany