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

Monitoring Performance from the IBM Tivoli OMEGAMON Enhanced 3270 User Interface

IBM
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Version 5.4.0

Monitoring Performance from the IBM Tivoli OMEGAMON Enhanced 3270 User Interface
Note
Before you use this information and the product it supports, read the information in "Notices" on page 47.
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About this information

In conjunction with the IBM® Tivoli® OMEGAMON® XE monitoring products, you can monitor the performance of the z/OS® systems, applications, and devices in your environment by using the IBM Tivoli OMEGAMON enhanced 3270 user interface. You can also identify or troubleshoot problems with these monitored resources.

Who should read this information

This information is intended for IBM data server professionals who want to analyze and tune the performance of a DB2® database management system. It provides a quick overview of the workspaces of the enhanced 3270UI, their content, and their panel IDs. With this information, you can quickly navigate the enhanced 3270UI.

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


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>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>
<td>NO</td>
</tr>
<tr>
<td>In this example, you can specify YES or NO.</td>
<td></td>
</tr>
<tr>
<td>Denotes optional arguments. Arguments that are not enclosed in square brackets are required. For example: APPLDEST DEST (ALTDEST)</td>
<td></td>
</tr>
<tr>
<td>In this example, DEST is a required argument and ALTDEST is optional.</td>
<td></td>
</tr>
</tbody>
</table>
Some documents use braces to denote mandatory arguments, or to group arguments for clarity. For example:

\( \text{COMPARE \{} \text{workload} \text{\}} - \text{REPORT=} \{\text{SUMMARY | HISTOGRAM}\} \)

In this example, the workload variable is mandatory. The REPORT keyword must be specified with a value of SUMMARY or HISTOGRAM.

Default values are underscored. For example:

\( \text{COPY infile outfile - [COMPRESS=} \{\text{YES | NO}\} \)\)

In this example, the COMPRESS keyword is optional. If specified, the only valid values are YES or NO. If omitted, the default is YES.

### Notation conventions

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

- **hilev**: 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:

  - **thilev** refers to the high-level qualifier for your target data set.
  - **rhilev** refers to the high-level qualifier for your runtime data set.

  For members in target libraries, the high-level qualifier is **thilev** rather than **rhilev**.

- **shilev** 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).

Optional items
Optional items appear below the main path.

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.

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.

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.
What's new

This topic summarizes the significant improvements or enhancements for the product and refers you to the relevant topics for more information.

SH12-7074-00 — December 2016
This edition replaces Monitoring Performance from the IBM Tivoli OMEGAMON Enhanced 3270 User Interface, SH12-7056-00.

- “S System Statistics (KDPSUSBM)” on page 27 has been updated to include DSQL (DB2 Dynamic SQL Cache Filter Options KDPDSQLF).
Chapter 1. Introduction

The IBM Tivoli OMEGAMON enhanced 3270 user interface (enhanced 3270UI) is the latest generation of user interfaces for the OMEGAMON monitoring products.

The Enhanced 3270 User Interface offers integration capability with certain performance monitoring products. If you have IBM DB2 Query Monitor for z/OS and/or IBM Tivoli OMEGAMON XE for CICS® on z/OS you can see metrics originating from these products embedded in IBM Tivoli OMEGAMON XE for DB2 Performance Expert (and Monitor) on z/OS screens. These products must be installed, configured, and running in the same Tivoli OMEGAMON Monitoring environment. See the program directory and related PTFs for installation considerations.

Using the enhanced 3270UI

This document does not provide you with instructions about how to use the enhanced 3270UI. For a detailed description of the enhanced 3270UI together with information about how to use it, see OMEGAMON Enhanced 3270 User Interface Knowledge Center.

For quick reference information about PF keys and icons, which you can use to navigate the enhanced 3270UI, see Appendix A, “User interface icons and PF keys,” on page 31.

Navigating to KDPSTART

When you log on to the enhanced 3270UI, the workspace Enterprise Summary (KOBSTART) is displayed. It shows data from the products that are installed on your system.

From this workspace you can drill down to any other screen.

However, depending on the following criteria, a different workspace might be displayed after the first logon to OMEGAMON XE for DB2 PE if:

• More than one product that supports the enhanced 3270UI is installed on your system
• A particular workspace is designated as the first workspace in the site profile or the user profile

Panel navigation flowcharts

Figure 1 on page 2 shows the panel navigation hierarchy for 'active datasharing groups' from the KDPSTART panel.
Figure 1. Panel navigation hierarchy for 'active datasharing groups'

Figure 2 on page 3 shows the panel navigation hierarchy for the 'active subsystems' selection after you have navigated to KDPSTART
Figure 2. Panel navigation hierarchy of the 'active subsystems' selection
Chapter 2. All Active DB2 Data Sharing Groups

The summary panel displays the DB2 data sharing groups that are active in your enterprise system.

It displays the general state and health of the active DB2 data sharing groups. This is the starting point for troubleshooting.

Panel

![DB2 Main Screen](image)

Figure 3. All Active DB2 Subsystems

For more information about panels and workspaces, see [http://www-01.ibm.com/support/knowledgecenter/SSAUBV/com.ibm.omegamon_share.doc_6.3.0.2/e3270/ workspaces_overview_beacon.htm](http://www-01.ibm.com/support/knowledgecenter/SSAUBV/com.ibm.omegamon_share.doc_6.3.0.2/e3270/ workspaces_overview_beacon.htm)

Navigating to All Active DB2 Sharing Groups

From Enterprise Summary, select the option P next to any DB2 subsystem to navigate to DB2 Main Screen. DB2 Main Screen consists of All Active DB2 Data Sharing Groups, followed by All Active DB2 Subsystems.

Options menu

The following options exist:

1. D Group Object Analysis Database Activity (KDPGOATS)
2. F System SQL Counts (KDPPSQL1)
3. G DSNZPARMs (KDPPZSYS)
4. L Global Lock Conflicts (KDPGLKGN)
5. O Group Object Analysis (KDPGOA)
6. P Group Object Analysis Thread Database (KDPGOATD)
7. Q Group Object Analysis Volume (KDPGVOL)
8. S Global & Group Buffer Pools (KDPGPLL)
9. T DSG Active Threads (KDPPTHRD)
10. V Group Object Analysis Volume Thread (KDPGVOLT)
11. X Coupling Facility Details (KDPXCFD)
12. H History
Threads

A view of thread activity for DB2 data sharing groups.

T DSG Active Threads (KDPPTHRD)

KDPPTHRD provides a global view of thread activity for an entire data sharing group.

With this information, you can identify all active application threads and track thread activity over a period of time. You can use the thread data to monitor critical application threads and to evaluate the thread elapsed times and the wait times for critical threads. You can also observe thread activity for threads within the same system, group, and member.

Navigating to KDPPTHRD

All Active DB2 Data Sharing Groups → T DSG Group Active Threads

Select the corresponding tab to navigate to:

Coupling (KDPXCFD)

Connection status information for all connections to a coupling facility structure. See “X Coupling Facility Details (KDPXCFD)” on page 16.

GOA DB (KDPGOATS)

A high-level analysis of getpage and I/O activity from a DB2 database perspective. See “D Group Object Analysis Database Activity (KDPGOATS)” on page 11.

GOA (KDPGOA)

A global view of object allocation data for a specific data sharing group. See “O Group Object Analysis (KDPGOA)” on page 12.

GOA TDB (KDPGOATD)

Object Analysis database use by thread for a data sharing group. See “P Group Object Analysis Thread Database (KDPGOATD)” on page 8.

GOA VOL (KDPGVOL)

An overview of the performance of the volumes that contain DB2 objects. See “Q Group Object Analysis Volume (KDPGVOL)” on page 13.

GOA VTH (KDPGVOLT)

The volume activity by thread workspace. See “V Group Object Analysis Volume Thread (KDPGVOLT)” on page 7.

SQLC (KDPPSQL1)

Displays the system SQL counts for a thread for each member of a data sharing group. See “F Group SQL Counts (KDPPSQL1)” on page 14.

DSNZPARMs (KDPPZSY)

Displays information about DSNZPARM parameters that are related to thread management. See “G DSNZPARMs (KDPPZSY)” on page 10.

Lock conf (KDPGLKGN)

The lock conflicts that exist in a data sharing group. See “L Group Lock Conflicts (KDPGLKGN)” on page 9.
Buf Pool (KDPPGPLL)
A summary of all group buffer pools for all members of a data sharing
group. See “S Global and Group Buffer Pools (KDPPGPLL)” on page 15.

Zoom-in from KDPPTHRD
C Cancel Thread (KDPTCANC)
Provides an option to cancel a thread.
O Thread Locks Owned (KDPTHRDRL)
Detailed information about the locks and the claims that are owned by an
individual thread.
S Thread Detail Accounting (KDPTHDA2)
The accounting classes 1 and 2 for a selected thread.
T Thread Detail SQL Text (KDPPSQL)
The SQL statement that a DB2 thread is currently executing.
W Thread Detail Class 3 (KDPTHRD3)
The accounting class 3 wait times for a selected thread.
X Thread Statistics (KDPPTHDS)
Thread statistics for a specific application thread. If the application thread
is a parallel thread, the table view displays thread statistics for all the
associated parallel threads.

V Group Object Analysis Volume Thread (KDPGVOLT)
KDPGVOLT displays an overview of the performance of volumes that contain DB2
objects. With this information, you can evaluate DASD performance by volume.

Navigating to KDPGVOLT
All Active DB2 Data Sharing Groups → V Group Object Analysis Volume Thread
Select the corresponding tab to navigate to:

GOA DB (KDPGOATS)
A high-level analysis of getpage and I/O activity from a DB2 database
perspective. See “D Group Object Analysis Database Activity
(KDPGOATS)” on page 11.

GOA (KDPGOA)
A global view of object allocation data for a specific data sharing group.
See “O Group Object Analysis (KDPGOA)” on page 12.

GOA TDB (KDPGOATD)
Object Analysis database use by thread for a data sharing group. See “P
Group Object Analysis Thread Database (KDPGOATD)” on page 8.

GOA VOL (KDPGVOL)
An overview of the performance of the volumes that contain DB2 objects.
See “Q Group Object Analysis Volume (KDPGVOL)” on page 13.

GOA VTH (KDPGVOLT)
The volume activity by thread workspace. See “V Group Object Analysis
Volume Thread (KDPGVOLT).”
Zoom-in from KDPGVOLT

D Group Object Analysis Database Activity (KDPGOATS)
A high-level analysis of getpage and I/O activity from a DB2 database perspective. See “D Group Object Analysis Database Activity (KDPGOATS)” on page 11.

O Group Object Analysis (KDPGOA)
A global view of object allocation data for a specific data sharing group. See “O Group Object Analysis (KDPGOA)” on page 12.

P Group Object Analysis Thread Database (KDPGOATD)
Object Analysis database use by thread for a data sharing group. See “P Group Object Analysis Thread Database (KDPGOATD)”.

Q Group Object Analysis Volume (KDPGVOL)
An overview of the performance of the volumes that contain DB2 objects. See “Q Group Object Analysis Volume (KDPGVOL)” on page 13.

S Group Object Analysis Volume Detail (KDPGVOL2)
The thread activity by volume workspace.

P Group Object Analysis Thread Database (KDPGOATD)
KDPGOATD displays the usage of the Object Analysis database by thread for a data sharing group.

Navigating to KDPGOATD

All Active DB2 Data Sharing Groups → P Group Object Analysis Thread Database

Select the corresponding tab to navigate to:

GOA (KDPGOA)
A global view of object allocation data for a specific data sharing group. See “O Group Object Analysis (KDPGOA)” on page 12.

GOA DB (KDPGOATS)
A high-level analysis of getpage and I/O activity from a DB2 database perspective. See “D Group Object Analysis Database Activity (KDPGOATS)” on page 11.

GOA TDB (KDPGOATD)
Object Analysis database use by thread for a data sharing group. See “P Group Object Analysis Thread Database (KDPGOATD)”.

GOA VOL (KDPGVOL)
An overview of the performance of the volumes that contain DB2 objects. See “Q Group Object Analysis Volume (KDPGVOL)” on page 13.

GOA VTH (KDPGVOL)
The volume activity by thread workspace. See “V Group Object Analysis Volume Thread (KDPGVOL)” on page 7.

Zoom-in from KDPGOATD

D Group Object Analysis Database Activity (KDPGOATS)
A high-level analysis of getpage and I/O activity from a DB2 database perspective. See “D Group Object Analysis Database Activity (KDPGOATS)” on page 11.
O Group Object Analysis (KDPGOA)
A global view of object allocation data for a specific data sharing group. See "O Group Object Analysis (KDPGOA)" on page 12.

P Group Object Analysis Thread Database (KDPGOATD)
Object Analysis database use by thread for a data sharing group. See "P Group Object Analysis Thread Database (KDPGOATD)" on page 8.

Q Group Object Analysis Volume (KDPGVOL)
An overview of the performance of the volumes that contain DB2 objects. See "Q Group Object Analysis Volume (KDPGVOL)" on page 13.

S Group Object Analysis Spacename (KDPSPC)
Provides information about the activity of DB2 databases and DB2 tablespaces. With this information, you can do a more detailed analysis of the activities for a DB2 databases and DB2 tablespaces.

V Group Object Analysis Volume Thread (KDPGVOLT)
The volume activity by thread workspace. See "V Group Object Analysis Volume Thread (KDPGVOLT)" on page 7.

L Group Lock Conflicts (KDPGLKGN)
KDPGLKGN displays the lock conflicts that exist in a data sharing group.

Navigating to KDPGLKGN

All Active DB2 Data Sharing Groups → L Group Lock Conflicts

Select the corresponding tab to navigate to:

Threads (KDPPTHRD)
Provides a global view of thread activity for an entire data sharing group. See "T DSG Active Threads (KDPPTHRD)" on page 6.

Coupling (KDPXCFD)
Connection status information for all connections to a coupling facility structure. See "X Coupling Facility Details (KDPXCFD)" on page 16.

GOA (KDPGOA)
A global view of object allocation data for a specific data sharing group. See "O Group Object Analysis (KDPGOA)" on page 12.

SQLC (KDPPSQL1)
Displays the system SQL counts for a thread for each member of a data sharing group. See "F Group SQL Counts (KDPPSQL1)" on page 14.

DSNZPARMS (KDPPZSYS)
Displays information about DSNZPARM parameters that are related to thread management. See "G DSNZPARMS (KDPPZSYS)" on page 10.

Lock Conf (KDPGLKGN)
The lock conflicts that exist in a data sharing group. See "L Group Lock Conflicts (KDPGLKGN)."

Buf Pool (KDPPGPLL)
A summary of all group buffer pools for all members of a data sharing group. See "S Global and Group Buffer Pools (KDPPGPLL)" on page 15.
Zoom-in from KDPGLKGN

Thread Locks Owned (KDPPLK)
The locks and claims that are owned by a thread that is linked from the
data sharing group Lock Conflicts workspace.

G DSNZPARMs (KDPPZSYS)

KDPPZSYS displays information about DSNZPARM parameters that are related to
thread management. These parameters are defined on the DB2 panels DSNTIPE
and DSNTIPE1.

Navigation to KDPPZSYS

All Active DB2 Subsystems → G DSNZPARMs

Select the corresponding tab to navigate to:

TRC (Trace Parameters KDPPZTRC)
Parameters that are related to the trace. These parameters are defined on
the DB2 panel, DSNTIPN.

LOG (Logging Parameters KDPPZLOG)
Parameters that are related to the active log. These parameters are defined
on the DB2 panel, DSNTIPL.

ARCH (Archiving Parameters KDPPZARC)
Parameters that are related to log archiving. These parameters are defined
on the DB2 panels DSNTIPIA and DSNTIPH.

CNTL (Authorization/RCF/DDF parameters KDPPZCTL)
Parameters that are related to operator functions. These parameters are
defined on the DB2 panels DSNTIPO, DSNTIPP, DSNTIPP1, DSNTIPR and
DSNTIP5.

IRLM (IRLM Parameters KDPZIRLM)
Parameters that are related to IRLM. These parameters are defined on the
DB2 panels DSNTIPI and DSNTIPJ.

STG (Storage Parameters KDPPZSTG)
DSNZPARM parameters that are related to storage and sizes. These
parameters are defined on the DB2 panels DSNTIPC and DSNTIPD.

DSN (Dataset and Database parameters KDPPZDSN)
Parameters that are related to datasets and databases. These parameters are
defined on DB2 panels DSNTIP7, DSNTIP71, DSNTIP91, and DSNTIPS.

DDCS (Data Definition Control Parameters KDPPZDDCS)
Parameters that are related to data. These parameters are defined on the
DB2 panel DSNTIPZ.

DSG (Data Sharing Parameters KDPPZDSG)
The parameters that are related to data sharing. These parameters are
defined on the DB2 panel DSNTIPK.

SP (Stored Procedure Parameters KDPPZSP)
DSNZPARM parameters that are related to Stored Procedures. These
parameters are defined on the DB2 panel DSNTIPX.

UTIL (Utility Parameters (KDPPZUTL)
DSNZPARM parameters that are related to utilities. These parameters are
defined on DB2 the panels DSNTIP6, DSNTIP61, and DSNTIP62.
APPL (Application Parameters KDPPZAPP)
Parameters that are related to applications. These parameters are defined on the DB2 panels DSNTIPF, DSNTIPI4, and DSNTIPI41.

DATA (Data Parameters KDPPZDAT)
Parameters that are related to data. These parameters are defined on the DB2 panels DSNTIPA2, DSNTIPO3, and DSNTIPM.

PERF (Performance Parameters KDPPZPF)
Parameters that are related to performance and optimization. These parameters are defined on the DB2 panels DSNTIP8, DSNTIP81, and DSNTIP82.

BP (Buffer Pool Parameters KDPPZBP)
Parameters that are related to the Default Buffer Pools. These parameters are defined on the DB2 panel DSNTIP1.

OTHER (Other System Parameters KDPPZOTH)
Miscellaneous parameters that are defined on the DB2 panels DSN6SYS, DSN6LOGP, DSN6ARVP, DSN6SPRM, DSN6FAC, and DSNHDECP.

Searching for DSNZPARAM Parameters (KDPPZFND)
To search for a DSNZPARAM parameter:
1. At the command line, enter either:
   - F
   - FIND
   - FINDM
   - FINDMENU
   The Find DSNZPARAM Parameters (KDPZZFND) workspace is displayed.
2. Search for the parameter by field name or description.

Group object analysis
A global view of object allocation data for a specific DB2 data sharing group.

D Group Object Analysis Database Activity (KDPGOATS)
KDPGOATS displays a high-level analysis of getpage and I/O activity from a DB2 database perspective.

Navigating to KDPGOATS
All Active DB2 Data Sharing Groups → D Group Object Analysis Database Activity

Select the corresponding tab to navigate to:

GOA DB (KDPGOATS)
A high-level analysis of getpage and I/O activity from a DB2 database perspective. See “D Group Object Analysis Database Activity (KDPGOATS).”

GOA (KDPGOA)
A global view of object allocation data for a specific data sharing group. See “O Group Object Analysis (KDPGOA)” on page 12.
GOA DB (KDPGOATS)
Object Analysis database use by thread for a data sharing group. See “P Group Object Analysis Thread Database (KDPGOATD)” on page 8.

GOA VOL (KDPGVOL)
An overview of the performance of the volumes that contain DB2 objects. See “Q Group Object Analysis Volume (KDPGVOL)” on page 13.

GOA VTH (KDPGVOLT)
The volume activity by thread workspace. See “V Group Object Analysis Volume Thread (KDPGVOLT)” on page 7.

Zoom-in from KDPGOATS

O Group Object Analysis (KDPGOA)
A global view of object allocation data for a specific data sharing group. See “O Group Object Analysis (KDPGOA).”

P Group Object Analysis Thread Database (KDPGOATD)
Object Analysis database use by thread for a data sharing group. See “P Group Object Analysis Thread Database (KDPGOATD)” on page 8.

Q Group Object Analysis Volume (KDPGVOL)
An overview of the performance of the volumes that contain DB2 objects. See “Q Group Object Analysis Volume (KDPGVOL)” on page 13.

S Object Analysis Activity by Spacename (KDPGOAT2)
Information about the activity of a group object by table space. With this information, you can do a more detailed analysis of the activities for a DB2 table space.

V Group Object Analysis Volume Thread (KDPGVOLT)
The volume activity by thread workspace. See “V Group Object Analysis Volume Thread (KDPGVOLT)” on page 7.

H History
Near-term History provides the capability to investigate problems that occurred in the recent past.

O Group Object Analysis (KDPGOA)
KDPGOA displays global view of object allocation data for a specific data sharing group.

Navigating to KDPGOA

All Active DB2 Data Sharing Groups → O Group Object Analysis

Select the corresponding tab to navigate to:

GOA (KDPGOA)
A global view of object allocation data for a specific data sharing group. See “O Group Object Analysis (KDPGOA).”

GOA DB (KDPGOATS)
A high-level analysis of getpage and I/O activity from a DB2 database perspective. See “D Group Object Analysis Database Activity (KDPGOATS)” on page 11.

GOA TDB (KDPGOATD)
Object Analysis database use by thread for a data sharing group. See “P Group Object Analysis Thread Database (KDPGOATD)” on page 8.
GOA VOL (KDPGVOL)
An overview of the performance of the volumes that contain DB2 objects. See “Q Group Object Analysis Volume (KDPGVOL).”

GOA VTH (KDPGVOLT)
The volume activity by thread workspace. See “V Group Object Analysis Volume Thread (KDPGVOLT)” on page 7.

Zoom-in from KDPGOA

D Group Object Analysis Database Activity (KDPGOATS)
A high-level analysis of getpage and I/O activity from a DB2 database perspective. See “D Group Object Analysis Database Activity (KDPGOATS)” on page 11.

P Group Object Analysis Thread Database (KDPGOATD)
Object Analysis database use by thread for a data sharing group. See “P Group Object Analysis Thread Database (KDPGOATD)” on page 8.

Q Group Object Analysis Volume (KDPGVOL)
An overview of the performance of the volumes that contain DB2 objects. See “Q Group Object Analysis Volume (KDPGVOL).”

S Object Analysis Activity by Spacename (KDPGOAT2)
Information about the activity of a group object by table space. With this information, you can do a more detailed analysis of the activities for a DB2 tablespace.

V Group Object Analysis Volume Thread (KDPGVOLT)
The volume activity by thread workspace. See “V Group Object Analysis Volume Thread (KDPGVOLT)” on page 7.

H History
Near-term History provides the capability to investigate problems that occurred in the recent past.

Q Group Object Analysis Volume (KDPGVOL)
KDPGVOL displays an overview of the performance of volume that contain DB2 objects. With this information you can evaluate DASD performance by volume.

Navigating to KDPGVOL

All Active DB2 Data Sharing Groups → Q Group Object Analysis Volume Group Statistics

Select the corresponding tab to navigate to:

GOA DB (KDPGOATS)
A high-level analysis of getpage and I/O activity from a DB2 database perspective. See “D Group Object Analysis Database Activity (KDPGOATS)” on page 11.

GOA (KDPGOA)
A global view of object allocation data for a specific data sharing group. See “O Group Object Analysis (KDPGOA)” on page 12.

GOA TDB (KDPGOATD)
Object Analysis database use by thread for a data sharing group. See “P Group Object Analysis Thread Database (KDPGOATD)” on page 8.
GOA VOL (KDPGVOL)
An overview of the performance of the volumes that contain DB2 objects. See “Q Group Object Analysis Volume (KDPGVOL)” on page 13.

GOA VTH (KDPGVOLT)
The volume activity by thread workspace. See “V Group Object Analysis Volume Thread (KDPGVOLT)” on page 7.

Zoom-in from KDPGVOL

D Group Object Analysis Database Activity (KDPGOATS)
A high-level analysis of getpage and I/O activity from a DB2 database perspective. See “D Group Object Analysis Database Activity (KDPGOATS)” on page 11.

O Group Object Analysis (KDPGOA)
A global view of object allocation data for a specific data sharing group. See “O Group Object Analysis (KDPGOA)” on page 12.

P Group Object Analysis Thread Database (KDPGOATD)
Object Analysis database use by thread for a data sharing group. See “P Group Object Analysis Thread Database (KDPGOATD)” on page 8.

S. Group Object Analysis Volume Database (KDPGVDB)
Displays information you can use to analyze I/O activity for a single volume in a DB2 database. Based on the information that this workspace provides, you can recommend changes, set up situations, and verify that your recommended changes improve system performance.

V Group Object Analysis Volume Thread (KDPGVOLT)
The volume activity by thread workspace. See “V Group Object Analysis Volume Thread (KDPGVOLT)” on page 7.

H History
Near-term History provides the capability to investigate problems that occurred in the recent past.

F Group SQL Counts (KDPPSQL1)
KDPPSQL1 displays the system SQL counts for Data Manipulation Language (DML) for each member of a data sharing group.

Navigating to KDPPSQL1
All Active DB2 Data Sharing Groups → F Group SQL Counts
Select the corresponding tab to navigate to:

DCL (Data Control Language KDPPSQL2)
The system SQL counts for the Data Control Language (DCL) for each member of a data sharing group.

DDL (Data Definition Language KDPPSQL3)
The system SQL counts for the Data Definition Language (DDL) for each member of a data sharing group.

RID (Record Identifier List Processing KDPPSQL4)
The system SQL counts for Record Identifier (RID) List Processing for each member of a data sharing group.
PARAL (Query Parallelism KDPPSQL5)
The system SQL counts for query parallelism for each member of a data sharing group.

NESTED (Stored Procedures, User Defined Functions, Triggers KDPPSQL6)
The system SQL counts for Stored Procedures, User Defined Functions, and Triggers for each member of a data sharing group.

PREP (Prepares KDPPSQL7)
The system SQL counts for Prepares for each member of a data sharing group.

ROWID (Row ID Access KDPPSQLD)
The system SQL counts for Row ID Access for each member of a data sharing group.

CON STMNT (Concentrate Literals KDPPSQL8)
The system SQL counts for Concentrate Literals for each member of a data sharing group.

USE COMMITTED (KDPPSQLA)
The system SQL counts for Use Committed for each member of a data sharing group.

WORKFILE (KDPPSQLB)
The system SQL counts for workfiles for each member of a data sharing group.

MISC (Miscellaneous KDPPSQLE)
The system miscellaneous SQL counts for each member of a data sharing group.

S Global and Group Buffer Pools (KDPPGPLL)
KDPPGPLL displays a summary of all group buffer pools for all members of a data sharing group.

Navigating to KDPPGPLL

All Active DB2 Data Sharing Groups → S Group Buffer Pools

Select the corresponding tab to navigate to:

Global Buffer Pools (KDPPGBPO)
The global buffer pools for all members of a data sharing group. See "Zoom-in from KDPPGBPO" on page 16.

Group Buffer Pools (KDPPGPLL)
A summary of all group buffer pools for all members of a data sharing group.

Zoom-in from KDPPGPLL

A Sync Read \ GBP Write (KDPPGBPS)
Sync reads, writes and the hit ratio of a group buffer pool for all members of a data sharing group.

B Prefetch \ Castout (KDPPGBPP)
Prefetch information and castout information about a group buffer pool for all members of a data sharing group.
**P-Locks (KDPPGBPL)**
The P-Lock information for a group buffer pool for all members of a data sharing group.

**Secondary GBP (KDPPGBPC)**
The DB2 Group Buffer Pool secondary information for all members of a data sharing group.

**H History**
Near-term History provides the capability to investigate problems that occurred in the recent past.

**Zoom-in from KDPPGBPO**

**S Global Group Buffer Pool Details (KDPPGBP)**
Group buffer pool detail for all members of a data sharing group.

**H History**
Near-term History provides the capability to investigate problems that occurred in the recent past.

---

**X Coupling Facility Details (KDPXCFD)**

KDPXCFD displays connection status information for all connections to a coupling facility structure.

**Navigating to KDPXCFD**

All Active DB2 Data Sharing Groups ➔ X Coupling Facility Details

Select the corresponding tab to navigate to:

**Threads (KDPPTHRD)**
Provides a global view of thread activity for an entire data sharing group. See "T DSG Active Threads (KDPPTHRD)" on page 6.

**Coupling (KDPXCFD)**
Connection status information for all connections to a coupling facility structure. See "X Coupling Facility Details (KDPXCFD)."

**GOA (KDPGOA)**
A global view of object allocation data for a specific data sharing group. See "O Group Object Analysis (KDPGOA)" on page 12.

**SQLC (KDPPSQL)**
Displays the system SQL counts for a thread for each member of a data sharing group. See "F Group SQL Counts (KDPPSQL)" on page 14.

**DSNZPARMS (KDPPZSYS)**
Displays information about DSNZPARM parameters that are related to thread management. See "G DSNZPARMs (KDPPZSYS)" on page 10.

**Lock Conf (KDPGLKGN)**
The lock conflicts that exist in a data sharing group. See "L Group Lock Conflicts (KDPGLKGN)" on page 9.

**Buf Pool (KDPPGPLL)**
A summary of all group buffer pools for all members of a data sharing group. See "S Global and Group Buffer Pools (KDPPGPLL)" on page 15.
H History

Use near-term history to investigate problems that occurred in the recent past.

"H History" in the enhanced 3270UI refers to the OMEGAMON Family history based on the persistent datastore (PDS). For more information about historical workspaces, see [http://www-01.ibm.com/support/knowledgecenter/SSAUBV/com.ibm.omegamon_share.doc_6.3.0.2/e3270/near_term_history_intro.htm](http://www-01.ibm.com/support/knowledgecenter/SSAUBV/com.ibm.omegamon_share.doc_6.3.0.2/e3270/near_term_history_intro.htm)

For information about attribute groups that you need to enable historical collection for the workspaces, see Appendix B, “Enabling historical data collection in enhanced 3270UI,” on page 33.
Enhanced 3270UI: Monitoring Performance from the IBM Tivoli OMEGAMON Enhanced 3270 User Interface
Chapter 3. All Active DB2 Subsystems

The summary panel KDPSTART displays the DB2 subsystems that are active in your enterprise system.

It displays the general state and health of the active DB2 subsystems. This is the starting point for troubleshooting.

Panel

![All Active DB2 Subsystems](image)

For more information about panels and workspaces, see [http://www-01.ibm.com/support/knowledgecenter/SSAUBV/com.ibm.omegamon_share.doc_6.3.0.2/e3270/workspaces_overview_beacon.htm](http://www-01.ibm.com/support/knowledgecenter/SSAUBV/com.ibm.omegamon_share.doc_6.3.0.2/e3270/workspaces_overview_beacon.htm)

Options menu

The following options exist:

1. C CICS Threads (KDPICTH)
2. G DSNZPARMS (KDPZSYS)
3. I IMS Connections (KDPIMS)
4. J DB2 Connect™ Server (KDPONNM)
5. K Key Performance Indicators Display (KDPKPII)
6. L Lock Conflicts (KDPLOCK)
7. M DB2 Messages (KDPMSG)
8. S System Statistics (KDPUSBSM)
9. T Active Threads (KDPIC7)
10. H History

Threads

View information about thread activity for DB2 subsystems.

**T Active Threads (KDPIC7)**

KDPIC7 displays a global view of thread activity for a specific DB2 subsystem.
It provides key performance data such as CPU rate, in-DB2 time, wait time, DB2 status, getpage, commits and updates that help you to identify any potential problem.

**Navigating to KDPTHD52**

All Active DB2 Subsystems → T Active Threads

Select the corresponding tab to navigate to:

**CICS (KDPTHCIS)**
Displays a CICS thread summary.

**Utilities (KDPUTILS)**
An overview of the active utilities. Workspace monitoring includes utilities that have not yet completed their run because of abnormal termination.

**Zoom-in from KDPTHD52 and KDPTHCIS**

! Cancel Thread (KDPTCANC)
Provides an option to cancel a thread.

A Thread Detail Accelerator (KDPTHRDC)
Information about accelerator metrics for an active thread.

D Thread Detail Distributed (KDPTHDD2)
Information about the VTAM APPC conversations and TCP/IP conversations of a distributed (DDF) thread.

E Thread Detail Enclave (KDPTHDE2)
Detailed information about the workload manager (WLM) enclave service periods.

L Thread Detail Locks Owned (KDPTHRL)
Detailed information about the locks and the claims that are owned by an individual thread.

N Thread Detail Long Names (KDPTHRDN)
The long names (identification fields) that are associated with a specific thread.

Q Thread Detail SQL Counts (KDPTSQL1)
The SQL counts for the Data Manipulation Language (DML) for a thread.

S Thread Detail Accounting (KDPTHDA2)
The accounting classes 1 and 2 for a selected thread. From the CICS Transaction Details subpanel, zoom in to:

- CICS Region Summary (KCPRGNS) : zoom into:
  - ! Take Actions on Task (KDPTASAP)
  - D CICS DB2 Connection Summary (KCPD2S or KCPD2P)
  - B CICS Bottlenecks (KDPBOTS)
  - F CICS File/Data Resources (CICS File/Data option menu)
  - R CICS Resources (CICS Resources option menu)
  - S CICS Region Overview (KCPGRNO)
  - T CICS Task Summary (KDPTASS)
- Transaction ID: navigate to CICS workspace Transaction Details (KCPTRND).
- Current Program ID: navigate to CICS workspace Program Details (KDPPRGD).
- **Task Number**: navigate to ICS workspace Details for Transaction Task (KCPTASD).

**T Thread Detail SQL Text (KDPTSQL)**

The SQL statement that a DB2 thread is currently executing.

**U Thread CICS Connection (KDPTHCIC)**

*Zoom-in from KDPTHCIC only.*

Display CICS connection information for a CICS thread.

**W Thread Detail Class 3 (KDPTHRD3)**

The accounting class 3 wait times for a selected thread.

### C CICS Threads (KDPCICTH)

KDPCICTH provides an overview of DB2 thread activity that originate from connected CICS regions. It provides key performance data such as CPU rate, in-DB2 time, wait time, DB2 status, getpage, commits and updates that help you to spot any potential problem.

**Navigating to KDPCICTH**

All Active DB2 Subsystems → C CICS Threads

Select the corresponding tabs to navigate to:

**Active Threads (KDPTHD52)**

A global view of thread activity for a specific DB2 subsystem. It provides key performance data such as CPU rate, in-DB2 time, wait time, DB2 status, getpage, commits and updates that help you to identify any potential problem.

**CICS Connections (KDPCICS)**

An overview of DB2 thread activity that is originating from connected CICS subsystems. Information about the CICS regions that are attached to DB2. See "T Active Threads (KDPTHD52)” on page 19.

**Zoom-in from KDPCICTH**

! Cancel Thread (KDPTCANC)

Provides an option to cancel a thread.

**A Thread Detail Accelerator (KDPTHRDC)**

Information about accelerator metrics for an active thread.

**D Thread Detail Distributed (KDPTHDD2)**

Information about the VTAM APPC conversations and TCP/IP conversations of a distributed (DDF) thread.

**E Thread Detail Enclave (KDPTHDE2)**

Detailed information about the workload manager (WLM) enclave service periods.

**L Thread Detail Locks Owned (KDPTHRLD)**

Detailed information about the locks and the claims that are owned by an individual thread.

**N Thread Detail Long Names (KDPTHLDN)**

The long names (identification fields) that are associated with a specific thread.
Q Thread Detail SQL Counts (KDPTSQL1)
The SQL counts for the Data Manipulation Language (DML) for a thread.

S Thread Detail Accounting (KDPTHDA2)
The accounting classes 1 and 2 for a selected thread. From the CICS Transaction Details subpanel, zoom in to:
- CICS Region Summary (KCPRGNS): zoom into:
  - ! Take Actions on Task (KDPTASAP)
  - D CICS DB2 Connection Summary (KCPD2S or KCPD2P)
  - B CICS Bottlenecks (KDPBOTS)
  - F CICS File/Data Resources (CICS File/Data option menu)
  - R CICS Resources (CICS Resources option menu)
  - S CICS Region Overview (KCPRGNO)
  - T CICS Task Summary (KDPTASS)
- Transaction ID: navigate to CICS workspace Transaction Details (KCPTRND).
- Current Program ID: navigate to CICS workspace Program Details (KDPPRGD).
- Task Number: navigate to ICS workspace Details for Transaction Task (KCPTASD).

T Thread Detail SQL Text (KDPTSQLT)
The SQL statement that a DB2 thread is currently executing.

W Thread Detail Class 3 (KDPTHRD3)
The accounting class 3 wait times for a selected thread.

Zoom-in from KDPCICS

R CICS RCT Summary for Region (KDPCICST)
The CICS/DB2 Resource Control Table. This table shows the DB2 plan that is used for each CICS transaction.

S CICS Thread Summary (KDPCICT1)
CICS threads summary for a target CICS region.

I IMS Connections (KDPIMS)
KDPIMS provides an overview of the activity of each IMS region connected to DB2.

Navigating to KDPIMS
All Active DB2 Subsystems → I IMS Connections

Zoom-in from KDPIMS
IMS Region Information (KDPIMSRG)
Detailed status information for a specific IMS dependent region.

J DB2 Connect Server (KDPCONN)
KDPCONN displays key information about the active and inactive DB2 Connect gateways.
Navigating to KDPCONN

All Active DB2 Subsystems → J DB2 Connect Server

Zoom into, or select the corresponding tab to navigate to:

K. Package statistics (KDPCPKG)
   Provides information about the size of the data exchanged between the DB2 Connect gateway and the host database and about the network time required. It enables you to measure the throughput between the host database and the DB2 Connect gateway and gives you a better idea of the database activity and network traffic at the application level.

P. Performance (KDPCPERF)
   Displays the information obtained by running a sample SQL statement between the DB2 Connect gateway and the host database. It enables you to detect any bottlenecks.

S. Gateway statistics (KDPCONNS)
   Statistics about the selected DB2 Connect gateway including details about the number of agents and pooled agents, the connections that are waiting for the host to reply, and the connections that are waiting for the client to send a request.

T. Task list (KDPCTASK)
   Statistics about the processes at the selected DB2 Connect gateway, for example, the CPU and the working set. Use the information to determine whether the DB2 Connect gateway is overloaded by DB2 Connect or any other allocation application.

H. History
   Near-term History provides the capability to investigate problems that occurred in the recent past.

G DSNZPARMS (KDPZSYS)

KDPZSYS displays information about DSNZPARM parameters that are related to thread management. These parameters are defined on the DB2 panels DSNTIPE and DSNTIPE1.

Navigating to KDPZSYS

All Active DB2 Subsystems → G DSNZPARMS

Select the corresponding tab to navigate to:

TRC (Trace Parameters KDPZTRC)
   Parameters that are related to the trace. These parameters are defined on the DB2 panel, DSNTIPN.

LOG (Logging Parameters KDPZLOG)
   Parameters that are related to the active log. These parameters are defined on the DB2 panel, DSNTIPL.

ARCH (Archiving Parameters KDPZARC)
   Parameters that are related to log archiving. These parameters are defined on the DB2 panels DSNTIPA and DSNTIPH.
CNTL (Authorization/RLF/DDF parameters KDPZCTL)
Parameters that are related to operator functions. These parameters are defined on the DB2 panels DSNTIPO, DSNTIPP, DSNTIPP1, DSNTIPR and DSNTIP5.

IRLM (IRLM Parameters KDPZIRLM)
Parameters that are related to IRLM. These parameters are defined on the DB2 panels DSNTIPI and DSNTIPJ.

STG (Storage Parameters KDPZSTG)
DSNZPARM parameters that are related to storage and sizes. These parameters are defined on the DB2 panels DSNTIPC and DSNTIPD.

DSN (Dataset and Database parameters KDPZDSN)
Parameters that are related to datasets and databases. These parameters are defined on DB2 panels DSNTIP7, DSNTIP71, DSNTIP91, and DSNTIPS.

DDCS (Data Definition Control Parameters KDPZDDCS)
Parameters that are related to data. These parameters are defined on the DB2 panel DSNTIPZ.

DSG (Data Sharing Parameters KDPZDSG)
The parameters that are related to data sharing. These parameters are defined on the DB2 panel DSNTIPK.

SP (Stored Procedure Parameters KDPZSP)
DSNZPARM parameters that are related to Stored Procedures. These parameters are defined on the DB2 panel DSNTIPX.

UTIL (Utility Parameters (KDPZUTIL)
DSNZPARM parameters that are related to utilities. These parameters are defined on DB2 the panels DSNTIP6, DSNTIP61, and DSNTIP62.

APP (Application Parameters KDPZAPPL)
Parameters that are related to applications. These parameters are defined on the DB2 panels DSNTIPE, DSNTIP4, and DSNTIP41.

DATA (Data Parameters KDPZDATA)
Parameters that are related to data. These parameters are defined on the DB2 panels DSNTIPA2, DSNTIP03, and DSNTIPM.

PERF (Performance Parameters KDPZPERF)
Parameters that are related to performance and optimization. These parameters are defined on the DB2 panels DSNTIP8, DSNTIP81, and DSNTIP82.

BP (Buffer Pool Parameters KDPZBP)
Parameters that are related to the Default Buffer Pools. These parameters are defined on the DB2 panel DSNTIP1.

OTHERS (Other System Parameters KDPZOTH)
Miscellaneous parameters that are defined on the DB2 panels DSN6SYSP, DSN6LOGP, DSN6ARVP, DSN6SPRM, DSN6FAC, and DSNHDECP.

ALL (DSNZPARM KDPZPARM)
Parameters that are related to DSNZPARM.

Searching for DSNZPARM Parameters (KDPZFIND)

To search for a DSNZPARM parameter:
1. At the command line, enter either:
   • F
• FIND
• FINDM
• FINDMNU

The Find DSNZPARM Parameters (KDPZ FIND) workspace is displayed.

2. Search for the parameter by field name or description.

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**K Key Performance Indicators Display (KDPKPI1)**

KDPKPI1 displays a summary of thread related Key Performance Indicators for a DB2 subsystem. It includes connections, transactions and locking Key Performance Indicators that help you quickly identify and resolve any performance issues. (Version 5.3.0 only)

**Navigating to KDPKPI1**

All Active DB2 Subsystems → K Key Performance Indicators Display

Select the corresponding tabs to navigate to:

**Pools & Storage KPI (KDPKPI2)**

A summary of pool and storage related Key Performance Indicators for a DB2 subsystem. It includes DB2 pools, storage, buffer pools, sorting and group buffer pools Key Performance Indicators, which can help you quickly identify and resolve any performance issues. (Version 5.3.0 and higher).

**Miscellaneous KPI (KDPKPI3)**

Miscellaneous Key Performance Indicators for a DB2 subsystem. It includes monitoring, logging, stored procedures, user defined functions and query parallelism Key Performance Indicators, which can help you quickly identify and resolve any performance issues. (Version 5.3.0 and higher).

**System States (KDPKPI4)**

Key DB2 system and thread related performance data. This data includes thread, stored procedures, user defined functions, triggers, locks, and open datasets, which can help you quickly identify and resolve any performance issues.

**Zoom-in from KDPKPI1**

Zoom-in to DBM1 and MVS Storage below 2GB [KDPSTO2A] from:

• Avg Thread Footprint

Zoom in to System Resource Manager [KDPSUBSM] from:

• Transactions Per Second
• Indoubt-URs
• Resync attempted

Zoom-in to Lock Conflicts [KDPLKC2] from:

• Deadlocks
• Timeouts
• Lock Escalations
Zoom-in from KDPKPI2

Zoom-in to Storage Subsystems (KDPSTO2A) from:
- EDM pool full
- ECSA used by DB2
- Real storage used by DB2

Zoom-in to Buffer Pools (KDPBP52) from:
- DM critical thresh reached
- DWQT reached
- Open DS thresh reached
- Pages read from Bps
- Pages read from DASD
- Migrated DS timed out
- Sort error BP shortage
- Merge error BP shortage
- Sort degraded BP too small

Zoom-in to Group Buffer Pools (KDPGPOOL) from:
- Write failed no storage
- Pages castout
- Class castout thresh reached
- GBP castout thresh reached

Zoom-in from KDPKPI3

Zoom-in to Log Manager (KDPLOGS9) from:
- Tape volume contention
- Output buffer full
- Bytes written to log
- Resource unavailable
- No QP BP shortage

L Locking Conflicts (KDPLKC2)
KDPLKC2 displays the lock conflicts that exist for a DB2 subsystem.

Navigating to KDPLKC2
All Active DB2 Subsystems → L Locking Conflicts

Zoom-in from KDPLKC2

Thread Locks Owned (KDPTHRDL)
Detailed information about the locks and the claims that are owned by an individual thread.

M DB2 Messages (KDPMSGS)
KDPMSGS displays critical DB2 messages sorted by message identification number.
Navigating to KDPMSGS

All Active DB2 Subsystems → M DB2 Messages

Zoom-in from KDPMSGS

S Critical DB2 Messages (KDPMSGC)
Displays messages that can help you identify problems with your DB2 system.

H History DB2 Messages (KDPMSGH)
Display historical DB2 messages that can help you diagnose performance problems in the past.

S System Statistics (KDPSUBSM)

KDPSUBSM shows an overview of workload-related information about the DB2 subsystem that you are monitoring.

Navigating to KDPSUBSM

All Active DB2 Subsystems → S System Statistics

Select the corresponding tab to navigate to:

BP (Buffer Pools KDPBP52)
A summary of the buffer pools that are configured and are in use for a DB2 subsystem. A drill down to buffer pool details is available. See “Navigating from BP (Buffer Pools KDPBP52)” on page 28.

Log (Log Management KDPLOGS9)
An overview of the DB2 log manager active logging and archiving activity.

EDM (EDM Pool KDPEDM2A)
An overview of the Environmental Descriptor Manager (EDM) pool activity that is connected with DB2.

SQL (SQL Count DML KDPSQL1)
The SQL counts for the Data Manipulation Language (DML) for a DB2 subsystem. See “Navigating from SQL Counts DML (KDPSQL1)” on page 28.

DSQL (DB2 Dynamic SQL Cache Filter Options KDPDSQLF)
Filter options to manage the data returned from the Dynamic SQL cache especially when many rows are returned. The default filter option settings display the first 100 statements in descending order of the accumulated CPU time. The results are displayed in DB2 Dynamic SQL Cache Statement Statistics (KDPDSQLS), see “Zoom-in from DB2 Dynamic SQL Cache Statement Statistics (KDPDSQLS)” on page 29.

SSQL (T Thread Detail SQL Text (KDPPSQLT) KDPSSQLS)
A summary of the contents of the Static SQL cache so that you can determine their performance. See “Zoom-in from T Thread Detail SQL Text (KDPPSQLT) (KDPSSQLS)” on page 29.

Accelerators (KDPACCN)
Accelerator statistics for all configured accelerators. See “Zoom-in from Accelerators (KDPACCN)” on page 29.
Storage (Storage Consumption KDPSTO2A)
The DB2 subsystem storage consumption. See "Navigating from Storage (KDPSTO2A)" on page 29.

ZOS Statistics (KDPZOS)
Overall CPU usage, paging real and virtual storage usage by DB2.

Navigating from BP (Buffer Pools KDPBP52)
Select the corresponding tab to navigate to:

Group Buffer Pools (KDPGPOOL)
A list of active group buffer pools.

Global Buffer Pool (KDPGBPOL)
A summary of active group buffer pools for this member of the data sharing group.

Zoom-in from KDPBP52 and KDPGBPOL:
S. Buffer Pool Details (KDPBP52)
The size and the usage of an individual DB2 buffer pool.

H History
Near-term History provides the capability to investigate problems that occurred in the recent past.

Zoom in from KDPGPOOL:
A Sync Read \ GBP Write (KDPGBPSY)
Sync reads, writes and the hit ratio of a group buffer pool.

B Prefetch \ Castout (KDPGBKPF)
Prefetch information and castout information about a group buffer pool.

L P-Locks (KDPGBKPLK)
The P-Lock information for a group buffer pool.

S Secondary GBP (KDPGBKPS)
The DB2 Group Buffer Pool secondary information.

H History
Near-term History provides the capability to investigate problems that occurred in the recent past.

Navigating from SQL Counts DML (KDPSQL1)

DCL (Data Control Language KDPSQL2)
The system SQL counts for Data Control Language (DCL) for a DB2 subsystem.

DDL (Data Definition Language KDPSQL3)
The system SQL counts for Data Definition Language (DDL) for a DB2 subsystem.

RID List Processing (KDPSQL4)
The system SQL counts for Record Identifier (RID) List Processing for a DB2 subsystem.

PARAL (Query Parallelism KDPSQL5)
The system SQL counts for Query Parallelism for a DB2 subsystem.
NESTED SQL (SQL Counts - SP/UDF/Triggers KDPSQL6)
The system SQL counts for Stored Procedures, User Defined Functions, and Triggers for a DB2 subsystem.

PREP (SQL Counts - Prepares KDPSQL7)
The system SQL counts for Prepares for a DB2 subsystem.

ROWID (Row ID KDPSQLD)
The system SQL counts for Row ID access for a DB2 subsystem.

CON STMT (Concentrate Statements KDPSQL8)
The system SQL counts for Concentrate Literals for a DB2 subsystem.

USE COMMITTED (User Currently Committed KDPSQLA)
The system SQL counts for Use Committed for a DB2 subsystem.

WORKFILE (Workfile Storage KDPSQLB)
The system SQL counts for work files for a DB2 subsystem.

MISC (Miscellaneous KDPSQLE)
The system miscellaneous SQL counts for a DB2 subsystem.

Zoom-in from DB2 Dynamic SQL Cache Statement Statistics (KDPPSQLS)

S. Statistics (KDPDYNST)
Displays the statistics for a statement in the Dynamic SQL cache.

T. SQL Text (KDPDYNTX)
Displays the SQL text of statements in the Dynamic SQL cache.

Zoom-in from T Thread Detail SQL Text (KDPPSQLT) (KDPSSQLS)

S. Statistics (KDPSTAST)
Displays the statistics for a statement in the Static SQL cache.

T. SQL Text (KDPSTATX)
Displays the SQL text of statement in the Static SQL cache.

Zoom-in from Accelerators (KDPACCN)

Accelerator Perspective (KDPACC41)
Accelerator statistics for a selected accelerator.

DB2 Perspective (KDPACC42)
Accelerator statistics for a selected DB2.

Navigating from Storage (KDPSTO2A)

MVS (Storage Above 2 GB KDPSTA2A)
The MVS Storage Above 2 GB workspace provides an overview of MVS storage above the 2 GB bar. It shows information about storage allocation within the DBM1 and DIST address space.

Subsy Shr (Subsystem Shared Storage Above 2GB KDPSTO2B)
The Subsy Shr workspace displays subsystem shared storage above 2 GB including real storage and auxiliary storage.

Common (Common Storage Below and Above KDPSTC2A)
The Common Storage workspace provides an overview of the common storage above and below the 2 GB bar.
LPAR (MVS LPAR Shared Storage Above 2GB KDPSTOLA)
The LPAR workspace provides an overview of MVS LPAR shared storage above 2 GB.

Real Aux (Real and Auxiliary Storage KDPSTU2A)
The Real Aux workspace provides an overview of real and auxiliary storage allocation within DBM1 and DIST address space.

STMT (Shared Storage above 2GB KDPSTS2A)
The STMT workspace provides an overview of DB2 subsystem shared storage and shared variable storage above 2 GB.

IRLM (IRLM Storage KDPSTOIB)
The IRLM workspace provides an overview of DB2 IRLM storage allocation including HWM and thresholds.

---

**H History**

Use near-term history to investigate problems that occurred in the recent past.

"H History" in the enhanced 3270UI refers to the OMEGAMON Family history based on the persistent datastore (PDS). For more information about historical workspaces, see [http://www-01.ibm.com/support/knowledgecenter/SSAUBV/com.ibm.omegamon_share.doc_6.3.0.2/e3270/near_term_history_intro.htm](http://www-01.ibm.com/support/knowledgecenter/SSAUBV/com.ibm.omegamon_share.doc_6.3.0.2/e3270/near_term_history_intro.htm)

For information about attribute groups that you need to enable historical collection for the workspaces, see Appendix B, "Enabling historical data collection in enhanced 3270UI," on page 33.
Appendix A. User interface icons and PF keys

Reference of PF keys and icons.

Icons

The enhanced 3270UI displays many different "icons" that perform various functions. Icons are typically displayed in reverse video white, which indicates an action occurs when you place your cursor on the icon and press Enter (or double-click if your emulator is configured to do so).

*Table 2. Subpanel manipulation icons*

<table>
<thead>
<tr>
<th>Icon</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>✓</td>
<td>Collapse</td>
<td>Displays the header of the subpanel and no data</td>
</tr>
<tr>
<td>&gt;</td>
<td>Expand</td>
<td>Displays the entire subpanel with data</td>
</tr>
<tr>
<td>_</td>
<td>Minimize</td>
<td>Places the subpanel into the workspace footer</td>
</tr>
<tr>
<td>□</td>
<td>Maximize</td>
<td>Causes the subpanel to occupy the full screen</td>
</tr>
<tr>
<td>☓</td>
<td>Normalize</td>
<td>Causes the subpanel to return from maximum size to normal size</td>
</tr>
<tr>
<td>✕</td>
<td>Close</td>
<td>Removes the subpanel from the workspace</td>
</tr>
<tr>
<td>←</td>
<td>Left arrow</td>
<td>Scrolls data to the left</td>
</tr>
<tr>
<td>→</td>
<td>Right arrow</td>
<td>Scrolls data to the right</td>
</tr>
<tr>
<td>↑</td>
<td>Up arrow</td>
<td>Scrolls data up</td>
</tr>
<tr>
<td>↓</td>
<td>Down arrow</td>
<td>Scrolls data down</td>
</tr>
<tr>
<td>▼▲</td>
<td>Sort</td>
<td>Denotes a column is sortable ascending/descending</td>
</tr>
<tr>
<td>◇</td>
<td>Static</td>
<td>Denotes a column is laterally non-scordable</td>
</tr>
</tbody>
</table>

*Table 3. Workspace operation icons*

<table>
<thead>
<tr>
<th>Icon</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MORE</td>
<td>More</td>
<td>Indicates that more subpanels exist above or below.</td>
</tr>
<tr>
<td>CANCEL</td>
<td>Cancel</td>
<td>Exits current workspace/popup without changes.</td>
</tr>
<tr>
<td>OK</td>
<td>OK</td>
<td>Confirms a change, effective for current session only.</td>
</tr>
<tr>
<td>SAVE</td>
<td>Save</td>
<td>Saves a change, persisted across session logoff/logon.</td>
</tr>
<tr>
<td>EXIT</td>
<td>Exit</td>
<td>Confirms you would like to proceed to the next panel.</td>
</tr>
</tbody>
</table>

*Table 4. Application navigation icons*

<table>
<thead>
<tr>
<th>Icon</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>«</td>
<td>Open drawer</td>
<td>Reveals the Application Navigation Drawer, which displays more icons that you can use to navigate or display administrative workspaces</td>
</tr>
<tr>
<td>»</td>
<td>Close drawer</td>
<td>Closes the Application Navigation Drawer</td>
</tr>
<tr>
<td>HUB</td>
<td>Hub</td>
<td>Goes to the Hub Connectivity Administration workspace</td>
</tr>
</tbody>
</table>
Table 4. Application navigation icons (continued)

<table>
<thead>
<tr>
<th>Icon</th>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTE</td>
<td>RTE</td>
<td>Goes to the Runtime Environment workspace</td>
</tr>
<tr>
<td>NAV</td>
<td>Navigate</td>
<td>Opens a product navigation area in the footer area. The icons that you see represent OMEGAMON products that are installed and available to be invoked.</td>
</tr>
</tbody>
</table>

**PF keys**

The following Standard PF keys are defined.

**Note:** PF keys are not customizable.

Table 5. PF keys

<table>
<thead>
<tr>
<th>PF key</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PF1</td>
<td>Provides help for column headings.</td>
</tr>
<tr>
<td>PF2</td>
<td>Reserved for future use.</td>
</tr>
<tr>
<td>PF3</td>
<td>Returns you to a previous workspace, or exits a popup.</td>
</tr>
<tr>
<td>PF4</td>
<td>Displays a list of filters for a workspace, if defined.</td>
</tr>
<tr>
<td>PF5</td>
<td>Find string in a PDS member.</td>
</tr>
<tr>
<td>PF6</td>
<td>Reserved for future use.</td>
</tr>
<tr>
<td>PF7</td>
<td>Scrolls a workspace or subpanel up.</td>
</tr>
<tr>
<td>PF8</td>
<td>Scrolls a workspace or subpanel down.</td>
</tr>
<tr>
<td>PF9</td>
<td>Displays the Product Navigation Array.</td>
</tr>
<tr>
<td>PF10</td>
<td>Scrolls a workspace or subpanel left.</td>
</tr>
<tr>
<td>PF11</td>
<td>Scrolls a workspace or subpanel right.</td>
</tr>
<tr>
<td>PF12</td>
<td>Retrieves previously entered command(s).</td>
</tr>
</tbody>
</table>

**Associating a mouse click with the Enter key**

If your emulator supports the option to associate a mouse click with the Enter key, you can use this feature to “double-click” where you normally “click and press Enter.” Consult your emulator’s documentation for details about how to enable this feature.
Appendix B. Enabling historical data collection in enhanced 3270UI

The enhanced 3270UI is designed for investigation of current problems or those that have occurred in the recent past.

Therefore, near-term history data can be displayed in the enhanced 3270UI workspaces. The Near-term history supports DB2 statistics, DSNZPARM, DB2 critical messages, DB2 connect server and object analysis.

Each workspace consists of one or multiple attribute groups. The history collection for the corresponding attribute groups must be started in order to see the history data in a workspace. Attribute groups that you need to enable historical collection for the workspaces are in Table 6 and Table 7 on page 34.

Table 6. Workspace and attribute group cross reference for history collection for DB2 Subsystems.

For example, if you want to view the Group Buffer Pools history, you must start history collection for attribute group DB2 Group Coupling Facility, and DSG_GBP_Pool. Later, if you also want to see Global Buffer Pools history, then you start history collection for attribute group DSG_GBP_CF_Status.

<table>
<thead>
<tr>
<th>Workspace</th>
<th>Attribute group</th>
</tr>
</thead>
<tbody>
<tr>
<td>DB2 Main Screen</td>
<td>DB2 Group Coupling Facility</td>
</tr>
<tr>
<td>All Active DB2 Data Sharing Groups</td>
<td>DSG_GBP_Pool</td>
</tr>
<tr>
<td>Group Buffer Pools</td>
<td>DSG_GBP_CF_Status</td>
</tr>
<tr>
<td>Global Buffer Pools</td>
<td></td>
</tr>
<tr>
<td>Coupling Facility Details</td>
<td>DB2 Group Coupling Facility</td>
</tr>
<tr>
<td>Group Object Analysis</td>
<td>Group Object Analysis</td>
</tr>
<tr>
<td>Group Object Analysis Volume</td>
<td>GOA Volume Summary</td>
</tr>
<tr>
<td>Group Object Analysis Database Activity</td>
<td>GOA Volume Database Summary</td>
</tr>
<tr>
<td>DSG DSNZPARMs</td>
<td>DSG DSNZPARMs</td>
</tr>
<tr>
<td>DSG SQL Counts</td>
<td>DSG SQL Count</td>
</tr>
</tbody>
</table>
Table 7. Workspace and attribute group cross reference for history collection for DB2 Subsystems.

For example, if you want to see Subsystem Management history, you must start history collection for attribute group **DB2 System Status, DB2 SRM Subsystem Statistics** and **DB2 SRM Subsystem**. Later if you also want to see Group Buffer Pools history, then you start history collection for attribute group **DB2 GBP Pool**.

<table>
<thead>
<tr>
<th>Workspace</th>
<th>Attribute group</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enterprise summary</td>
<td>DB2 System Status</td>
</tr>
<tr>
<td>All Active DB2 Subsystems</td>
<td></td>
</tr>
<tr>
<td>DB2 Main Screen</td>
<td>DB2 System Status</td>
</tr>
<tr>
<td>All Active DB2 Subsystems</td>
<td></td>
</tr>
<tr>
<td>Key Performance Indicators</td>
<td>DB2 System Status</td>
</tr>
<tr>
<td></td>
<td>DB2 Memory</td>
</tr>
<tr>
<td></td>
<td>DB2_Memory_DBM1_DIST</td>
</tr>
<tr>
<td>Subsystem Management</td>
<td>DB2 SRM Subsystem Statistics</td>
</tr>
<tr>
<td></td>
<td>DB2 SRM Subsystem</td>
</tr>
<tr>
<td>Log Management</td>
<td>LOG Stats (DB2 Version 11)</td>
</tr>
<tr>
<td></td>
<td>DB2 SRM Log Statistics</td>
</tr>
<tr>
<td></td>
<td>DB2 SRM Log Manager</td>
</tr>
<tr>
<td>EDM Pool</td>
<td>EDM Pool Statistics (DB2 Version 11)</td>
</tr>
<tr>
<td></td>
<td>EDM STATS (DB2 Version 11)</td>
</tr>
<tr>
<td></td>
<td>DB2 SRM EDM Statistics</td>
</tr>
<tr>
<td></td>
<td>EDM POOL</td>
</tr>
<tr>
<td>Buffer Pools</td>
<td>DB2 SRM BPM</td>
</tr>
<tr>
<td></td>
<td>DB2 SRM BPD</td>
</tr>
<tr>
<td>Group Buffer Pools</td>
<td>DB2 GBP Pool</td>
</tr>
<tr>
<td>Global Buffer Pools</td>
<td>DB2 GBP CF Stats</td>
</tr>
<tr>
<td>DB2 Connect Server</td>
<td>DB2 CONNECT TASKLIST</td>
</tr>
<tr>
<td></td>
<td>DB2 CONNECT PACKAGE</td>
</tr>
<tr>
<td></td>
<td>DB2 CONNECT SERVER</td>
</tr>
<tr>
<td>Storage Consumption</td>
<td>DB2 Memory DBM1 DIST</td>
</tr>
<tr>
<td></td>
<td>DB2 Memory</td>
</tr>
<tr>
<td></td>
<td>MVS Storage</td>
</tr>
<tr>
<td>DSNZPARMs</td>
<td>DB2 Parameters</td>
</tr>
<tr>
<td>System SQL Counts</td>
<td>Stat SQL Count</td>
</tr>
<tr>
<td></td>
<td>SQL COUNTER</td>
</tr>
<tr>
<td>z/OS System Statistics</td>
<td>ZOS System Statistics</td>
</tr>
<tr>
<td>Accelerators</td>
<td>Accelerator Statistics</td>
</tr>
<tr>
<td>DB2 Message</td>
<td>DB2 Message</td>
</tr>
</tbody>
</table>
### Appendix C. Reference list of workspace names and descriptions

The following table lists the OMEGAMON XE for DB2 on z/OS workspaces that are displayed in the enhanced 3270UI in alphabetical order.

**Table 8. Workspaces of the enhanced 3270UI**

<table>
<thead>
<tr>
<th>Panel Identification (ID)</th>
<th>Workspace Name</th>
<th>Workspace Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>KOBSTART</td>
<td>All Active DB2 Subsystems</td>
<td>A list of the DB2 subsystems that are active in your enterprise system. It shows the general state and health of the active DB2 subsystems. This is the starting point for troubleshooting.</td>
</tr>
<tr>
<td>KDPACCN</td>
<td>Accelerator Selection</td>
<td>Accelerator statistics for all configured accelerators. See &quot;Zoom-in from Accelerators (KDPACCN)&quot; on page 29.</td>
</tr>
<tr>
<td>KDPACC41</td>
<td>Accelerator Statistics for a Selected Accelerator</td>
<td>Accelerator statistics for a selected accelerator.</td>
</tr>
<tr>
<td>KDPACC42</td>
<td>Accelerator Statistics for a Selected DB2</td>
<td>Accelerator statistics for a selected DB2.</td>
</tr>
<tr>
<td>KDPBPDTL</td>
<td>Buffer Pool Detail</td>
<td>The size and the usage of an individual DB2 buffer pool.</td>
</tr>
<tr>
<td>KDPBP52</td>
<td>Buffer Pools</td>
<td>A summary of the buffer pools that are configured and are in use for a DB2 subsystem. A drill down to buffer pool details is available. See &quot;Navigating from BP (Buffer Pools KDPBP52)&quot; on page 28.</td>
</tr>
<tr>
<td>KDPBPD52</td>
<td>Buffer Pool Details</td>
<td>The size and the usage of an individual DB2 buffer pool.</td>
</tr>
<tr>
<td>KDPBPPOOL</td>
<td>DB2 Buffer Pools</td>
<td>A list of active group buffer pools.</td>
</tr>
<tr>
<td>KDPCICS</td>
<td>DB2 CICS Connections</td>
<td>An overview of DB2 thread activity that is originating from connected CICS subsystems. Information about the CICS regions that are attached to DB2.</td>
</tr>
<tr>
<td>KDPCICST</td>
<td>CICS RCT Summary for Region</td>
<td>The CICS/DB2 Resource Control Table. This table shows the DB2 plan that is used for each CICS transaction.</td>
</tr>
<tr>
<td>KDPCICTH</td>
<td>CICS Threads</td>
<td>Provides an overview of DB2 thread activity that originate from connected CICS regions. It provides key performance data such as CPU rate, in-DB2 time, wait time, DB2 status, getpage, commits and updates that help you to spot any potential problem.</td>
</tr>
<tr>
<td>KDPCICT1</td>
<td>CICS Thread Summary</td>
<td>CICS threads summary for a target CICS region.</td>
</tr>
<tr>
<td>KDPCONN</td>
<td>DB2 Connect Server</td>
<td>Key information about the active and the inactive DB2 Connect gateways.</td>
</tr>
<tr>
<td>KDPCONNS</td>
<td>DB2 Connect/Gateway Statistics</td>
<td>Statistics about the selected DB2 Connect gateway including details about the number of agents and pooled agents, the connections that are waiting for the host to reply, and the connections that are waiting for the client to send a request.</td>
</tr>
<tr>
<td>KDPCPDBZ</td>
<td>Navigation options popup</td>
<td>Provides information about the size of the data exchanged between the DB2 Connect gateway and the host database and about the network time required. It enables you to measure the throughput between the host database and the DB2 Connect gateway and gives you a better idea of the database activity and network traffic at the application level.</td>
</tr>
<tr>
<td>KDPCPKG</td>
<td>Package Statistics</td>
<td>Provides information about the size of the data exchanged between the DB2 Connect gateway and the host database and about the network time required. It enables you to measure the throughput between the host database and the DB2 Connect gateway and gives you a better idea of the database activity and network traffic at the application level.</td>
</tr>
</tbody>
</table>
Table 8. Workspaces of the enhanced 3270UI (continued)

<table>
<thead>
<tr>
<th>Panel Identification (ID)</th>
<th>Workspace Name</th>
<th>Workspace Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>KDPCPERF</td>
<td>DB2 Connect Performance</td>
<td>Displays the information obtained by running a sample SQL statement between the DB2 Connect gateway and the host database. It enables you to detect any bottlenecks.</td>
</tr>
<tr>
<td>KDPCTASK</td>
<td>DB2 Connect Tasks List</td>
<td>Statistics about the processes at the selected DB2 Connect gateway, for example, the CPU and the working set. Use the information to determine whether the DB2 Connect gateway is overloaded by DB2 Connect or any other allocation application.</td>
</tr>
<tr>
<td>KDPDSQLF</td>
<td>DB2 Dynamic SQL Cache Filter Options</td>
<td>Filter options to manage the data returned from the Dynamic SQL cache especially when many rows are returned. The default filter option settings display the first 100 statements in descending order of the accumulated CPU time.</td>
</tr>
<tr>
<td>KDPDYNST</td>
<td>Statistics</td>
<td>Displays the statistics for a statement in the Dynamic SQL cache.</td>
</tr>
<tr>
<td>KDPDYNTX</td>
<td>SQL Text</td>
<td>Displays the SQL text of statements in the Dynamic SQL cache.</td>
</tr>
<tr>
<td>KDPEDMA</td>
<td>DB2 Environmental Descriptor Manager (EDM) Pool (DB2 10)</td>
<td>An overview of the Environmental Descriptor Manager (EDM) pool activity that is connected with DB2. The layout of the workspace depends on the DB2 version that is installed. The panel KDPEDMA applies to DB2 10.</td>
</tr>
<tr>
<td>KDPEDMB</td>
<td>DB2 Environmental Descriptor Manager (EDM) Pool (DB2 11)</td>
<td>An overview of the Environmental Descriptor Manager (EDM) pool activity that is connected with DB2. The layout of the workspace depends on the DB2 version that is installed. The panel KDPEDMB applies to DB2 11.</td>
</tr>
<tr>
<td>KDPEDM2A</td>
<td>DB2 Environmental Descriptor Manager (EDM) Pool</td>
<td>An overview of the Environmental Descriptor Manager (EDM) pool activity that is connected with DB2.</td>
</tr>
<tr>
<td>KDPGBPDT</td>
<td>DB2 Global Buffer Pool Detail</td>
<td>Details about a specific global buffer pool for a member of a data sharing group.</td>
</tr>
<tr>
<td>KDPGBPLK</td>
<td>DB2 Group Buffer Pool P-Lock</td>
<td>The P-Lock information for a group buffer pool.</td>
</tr>
<tr>
<td>KDPGBPOL</td>
<td>Global Buffer Pool Summary</td>
<td>A summary of active group buffer pools for this member of the data sharing group.</td>
</tr>
<tr>
<td>KDPGBPFF</td>
<td>Group Buffer Pool Prefetch Castout</td>
<td>Prefetch information and castout information about a group buffer pool.</td>
</tr>
<tr>
<td>KDPGBPSC</td>
<td>Group Buffer Pool Secondary GBP</td>
<td>The DB2 Group Buffer Pool secondary information.</td>
</tr>
<tr>
<td>KDPGBPSY</td>
<td>Group Buffer Pool Sync and GBP write</td>
<td>Sync reads, writes and the hit ratio of a group buffer pool.</td>
</tr>
<tr>
<td>KDPGLKGN</td>
<td>Data Sharing Group Lock Conflicts</td>
<td>The lock conflicts that exist in a data sharing group. See &quot;L Group Lock Conflicts (KDPGLKGN)&quot; on page 9.</td>
</tr>
<tr>
<td>KDPGOA</td>
<td>Group Object Anaysis</td>
<td>A global view of object allocation data for a specific data sharing group. See &quot;O Group Object Analysis (KDPGOA)&quot; on page 12.</td>
</tr>
<tr>
<td>KDPGOAS</td>
<td>DB2 Group Object Analysis Database Spacename</td>
<td>The table spaces within a database. With this information, you can do an analysis of a group object.</td>
</tr>
</tbody>
</table>
### Table 8. Workspaces of the enhanced 3270UI (continued)

<table>
<thead>
<tr>
<th>Panel Identification (ID)</th>
<th>Workspace Name</th>
<th>Workspace Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>KDPGOATD</td>
<td>DB2 Group Object Analysis Thread Database</td>
<td>Object Analysis database use by thread for a data sharing group. See “P Group Object Analysis Thread Database (KDPGOATD)” on page 8.</td>
</tr>
<tr>
<td>KDPGOATS</td>
<td>Group Object Analysis Database Activity</td>
<td>A high-level analysis of getpage and I/O activity from a DB2 database perspective. See “D Group Object Analysis Database Activity (KDPGOATS)” on page 11.</td>
</tr>
<tr>
<td>KDPGOAT2</td>
<td>Group Object Activity by Tablespace</td>
<td>Information about the activity of a group object by table space. With this information, you can do a more detailed analysis of the activities for a DB2 tablespace.</td>
</tr>
<tr>
<td>KDPGPOOL</td>
<td>Group Buffer Pool Summary</td>
<td>A list of active group buffer pools. A drill down for more details is also available.</td>
</tr>
<tr>
<td>KDCGSPAC</td>
<td>Group Object Analysis Spacename</td>
<td>Provides information about the activity of DB2 databases and DB2 tablespaces. With this information, you can do a more detailed analysis of the activities for a DB2 databases and DB2 tablespaces.</td>
</tr>
<tr>
<td>KDPGSPAD</td>
<td>Group Object Analysis Spacename Detail</td>
<td>The Group Object Analysis tablespace detail workspace.</td>
</tr>
<tr>
<td>KDPGVDB</td>
<td>Group Object Volume Database</td>
<td>Displays information you can use to analyze I/O activity for a single volume in a DB2 database. Based on the information that this workspace provides, you can recommend changes, set up situations, and verify that your recommended changes improve system performance.</td>
</tr>
<tr>
<td>KDPGVOL</td>
<td>Volume Activity</td>
<td>An overview of the performance of the volumes that contain DB2 objects. See “Q Group Object Analysis Volume (KDPGVOL)” on page 13. With this information, you can evaluate DASD performance by volume.</td>
</tr>
<tr>
<td>KDPGVOLD</td>
<td>Volume Detail Activity</td>
<td>A detail view of the performance of volumes that contain DB2 objects. With this information, you can evaluate DASD performance.</td>
</tr>
<tr>
<td>KDPGVOLT</td>
<td>Volume Thread</td>
<td>The volume activity by thread workspace. See “V Group Object Analysis Volume Thread (KDPGVOLT)” on page 7.</td>
</tr>
<tr>
<td>KDPGVOL2</td>
<td>DB2 Group Object Analysis Volume Thread</td>
<td>The thread activity by volume workspace.</td>
</tr>
<tr>
<td>KPIEMS</td>
<td>IMS Connections</td>
<td>An overview of DB2 thread activity that is originating from connected IMS subsystems.</td>
</tr>
<tr>
<td>KDPIMSRG</td>
<td>IMS Region Information</td>
<td>Detailed status information for a specific IMS dependent region.</td>
</tr>
<tr>
<td>KDPKPI1</td>
<td>Key Performance Indicators</td>
<td>A summary of thread related Key Performance Indicators for a DB2 subsystem. It includes connections, transactions and locking Key Performance Indicators, which can help you quickly identify and resolve any performance issues. (Version 5.3.0 and higher).</td>
</tr>
<tr>
<td>KDPKPI2</td>
<td>Pools and Storage Key Performance Indicators</td>
<td>A summary of pool and storage related Key Performance Indicators for a DB2 subsystem. It includes DB2 pools, storage, buffer pools, sorting and group buffer pools Key Performance Indicators, which can help you quickly identify and resolve any performance issues. (Version 5.3.0 and higher).</td>
</tr>
</tbody>
</table>
Table 8. Workspaces of the enhanced 3270UI (continued)

<table>
<thead>
<tr>
<th>Panel Identification (ID)</th>
<th>Workspace Name</th>
<th>Workspace Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>KDPKPI3</td>
<td>Miscellaneous Key Performance Indicators</td>
<td>Miscellaneous Key Performance Indicators for a DB2 subsystem. It includes monitoring, logging, stored procedures, user defined functions and query parallelism Key Performance Indicators, which can help you quickly identify and resolve any performance issues. (Version 5.3.0 and higher).</td>
</tr>
<tr>
<td>KDPKPI4</td>
<td>System States</td>
<td>Key DB2 system and thread related performance data. This data includes thread, stored procedures, user defined functions, triggers, locks, and open datasets, which can help you quickly identify and resolve any performance issues.</td>
</tr>
<tr>
<td>KDPLKC2</td>
<td>Locking Conflicts</td>
<td>Displays the lock conflicts that exist for a DB2 subsystem.</td>
</tr>
<tr>
<td>KDPLOCKS</td>
<td>Lock Conflicts</td>
<td>An overview of the DB2 database lock conflicts.</td>
</tr>
<tr>
<td>KDPLOGSB</td>
<td>Log Manager</td>
<td>An overview of the DB2 log manager active logging and archiving activity. This workspace applies to DB2 11.</td>
</tr>
<tr>
<td>KDPLOGSM</td>
<td>Log Manager</td>
<td>An overview of the DB2 log manager active logging and archiving activity. This workspace applies to DB2 10.</td>
</tr>
<tr>
<td>KDPLOGS9</td>
<td>Log Manager</td>
<td>An overview of the DB2 log manager active logging and archiving activity.</td>
</tr>
<tr>
<td>KDPMSGC</td>
<td>Critical DB2 Messages</td>
<td>Displays messages that can help you identify problems with your DB2 system.</td>
</tr>
<tr>
<td>KDPMSGH</td>
<td>History DB2 Messages</td>
<td>Display historical DB2 messages that can help you diagnose performance problems in the past.</td>
</tr>
<tr>
<td>KDPMSCS</td>
<td>Critical DB2 Messages by Message ID</td>
<td>Critical DB2 messages sorted by message identification number.</td>
</tr>
<tr>
<td>KDPPGBPC</td>
<td>DB2 Group Buffer Pool Secondary Buffer Pools Group level</td>
<td>The DB2 Group Buffer Pool secondary information for all members of a data sharing group.</td>
</tr>
<tr>
<td>KDPPGBPD</td>
<td>DB2 Global Buffer Pool Detail</td>
<td>Group buffer pool detail for all members of a data sharing group.</td>
</tr>
<tr>
<td>KDPPGPLL</td>
<td>Global Buffer Pools</td>
<td>A summary of all group buffer pools for all members of a data sharing group. See “S Global and Group Buffer Pools (KDPPGPLL)” on page 15.</td>
</tr>
<tr>
<td>KDPPGBPL</td>
<td>DB2 Group Buffer Pool P-Lock</td>
<td>The P-Lock information for a group buffer pool for all members of a data sharing group.</td>
</tr>
<tr>
<td>KDPPGBPO</td>
<td>DB2 Global Buffer Pools Summary</td>
<td>The global buffer pools for all members of a data sharing group. See “Zoom-in from KDPPGBPO” on page 16.</td>
</tr>
<tr>
<td>KDPPGBPP</td>
<td>DB2 Group Buffer Pool Detail Castout</td>
<td>Prefetch information and castout information about a group buffer pool for all members of a data sharing group.</td>
</tr>
<tr>
<td>KDPPGBPS</td>
<td>DB2 group buffer Pull Sync and GBP write</td>
<td>Sync reads, writes and the hit ratio of a group buffer pool for all members of a data sharing group.</td>
</tr>
<tr>
<td>KDPPGPLL</td>
<td>DB2 Group Buffer Pool Statistics</td>
<td>A summary of all group buffer pools for all members of a data sharing group. See “S Global and Group Buffer Pools (KDPPGPLL)” on page 15.</td>
</tr>
<tr>
<td>KDPPLK</td>
<td>DB2 Thread Detail Locks Owned</td>
<td>The locks and claims that are owned by a thread that is linked from the data sharing group Lock Conflicts workspace.</td>
</tr>
<tr>
<td>Panel Identification (ID)</td>
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<td>Workspace Content</td>
</tr>
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<td>--------------------------</td>
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</tr>
<tr>
<td>KDPPSQLA</td>
<td>DB2 Group SQL Counts Use Committed</td>
<td>The system SQL counts for Use Committed for each member of a data sharing group.</td>
</tr>
<tr>
<td>KDPPSQLB</td>
<td>DB2 Group SQL Counts Workfiles</td>
<td>The system SQL counts for workfiles for each member of a data sharing group.</td>
</tr>
<tr>
<td>KDPPSQLD</td>
<td>DB2 Group SQL Counts Row ID Access</td>
<td>The system SQL counts for Row ID Access for each member of a data sharing group.</td>
</tr>
<tr>
<td>KDPPSQLE</td>
<td>DB2 Group SQL Counts Miscellaneous</td>
<td>The system miscellaneous SQL counts for each member of a data sharing group.</td>
</tr>
<tr>
<td>KDPPSQL1</td>
<td>DB2 Group SQL Counts Data Manipulation Language (DML)</td>
<td>Displays the system SQL counts for a thread for each member of a data sharing group. See “F Group SQL Counts (KDPPSQL1)” on page 14.</td>
</tr>
<tr>
<td>KDPPSQL2</td>
<td>DB2 Group SQL Counts Data Control Language (DCL)</td>
<td>The system SQL counts for the Data Control Language (DCL) for each member of a data sharing group.</td>
</tr>
<tr>
<td>KDPPSQL3</td>
<td>DB2 Group SQL Counts Data Definition Language (DDL)</td>
<td>The system SQL counts for the Data Definition Language (DDL) for each member of a data sharing group.</td>
</tr>
<tr>
<td>KDPPSQL4</td>
<td>DB2 Group SQL Counts Record Identifier (RID) List Processing</td>
<td>The system SQL counts for Record Identifier (RID) List Processing for each member of a data sharing group.</td>
</tr>
<tr>
<td>KDPPSQL5</td>
<td>DB2 Group SQL Counts Query Parallelism</td>
<td>The system SQL counts for query parallelism for each member of a data sharing group.</td>
</tr>
<tr>
<td>KDPPSQL6</td>
<td>DB2 Group SQL Counts for Stored Procedures, User Defined Functions and Triggers</td>
<td>The system SQL counts for Stored Procedures, User Defined Functions, and Triggers for each member of a data sharing group.</td>
</tr>
<tr>
<td>KDPPSQL7</td>
<td>DB2 Group SQL Counts for Prepares</td>
<td>The system SQL counts for Prepares for each member of a data sharing group.</td>
</tr>
<tr>
<td>KDPPSQL8</td>
<td>DB2 Group SQL Counts for Concentrate Literals</td>
<td>The system SQL counts for Concentrate Literals for each member of a data sharing group.</td>
</tr>
<tr>
<td>KDPPTHDS</td>
<td>Data Sharing Thread Statistics</td>
<td>Thread statistics for a specific application thread. If the application thread is a parallel thread, the table view displays thread statistics for all the associated parallel threads. With this information, you can investigate a thread that consumed excessive elapsed time.</td>
</tr>
<tr>
<td>KDPPTHRD</td>
<td>Data Sharing Thread Activity</td>
<td>Provides a global view of thread activity for an entire data sharing group. With this information, you can identify all active application threads and track thread activity over a period of time. You can use the thread data to monitor critical application threads and to evaluate the thread elapsed times and the wait times for critical threads. You can also observe thread activity for threads within the same system, group, and member.</td>
</tr>
<tr>
<td>KDPPZAPP</td>
<td>DB2 Group DSNZPARM Application Parameters</td>
<td>Parameters that are related to applications. These parameters are defined on the DB2 panels DSNTIPF, DSNTIP4, and DSNTIP41.</td>
</tr>
<tr>
<td>KDPPZARC</td>
<td>DB2 Group DSNZPARM Archive Log Parameters</td>
<td>Parameters that are related to log archiving. These parameters are defined on the DB2 panels DSNTIPA and DSNTIPH.</td>
</tr>
<tr>
<td>KDPPZBP</td>
<td>DB2 Group DSNZPARM Default Buffer Pool Parameters</td>
<td>Parameters that are related to the Default Buffer Pools. These parameters are defined on the DB2 panel DSNTIP1.</td>
</tr>
<tr>
<td>Panel Identification (ID)</td>
<td>Workspace Name</td>
<td>Workspace Content</td>
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<tr>
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</tr>
<tr>
<td>KDPPZCTL</td>
<td>DB2 Group DSNZPARM Operator Functions Parameters</td>
<td>Parameters that are related to operator functions. These parameters are defined on the DB2 panels DSNTIPO, DSNTIPP, DSNTIPP1, DSNTIPR, and DSNTIP5.</td>
</tr>
<tr>
<td>KDPPZDAT</td>
<td>DB2 Group DSNZPARM Data Parameters</td>
<td>Parameters that are related to data. These parameters are defined on the DB2 panels DSNTIPA2, DSNTIPO3, and DSNTIPM.</td>
</tr>
<tr>
<td>KDPPZDDCS</td>
<td>DB2 Group DSNZPARM Data Definition Control Parameters</td>
<td>Parameters that are related to data. These parameters are defined on the DB2 panel DSNTIPZ.</td>
</tr>
<tr>
<td>KDPPZDSG</td>
<td>DB2 Group DSNZPARM Data Sharing Parameters</td>
<td>The parameters that are related to data sharing. These parameters are defined on the DB2 panel DSNTIPK.</td>
</tr>
<tr>
<td>KDPPZDNS</td>
<td>DB2 Group DSNZPARM Dataset and Database Parameters</td>
<td>Parameters that are related to datasets and databases. These parameters are defined on DB2 panels DSNTIP7, DSNTIP71, DSNTIP91, and DSNTIPS.</td>
</tr>
<tr>
<td>KDPPZFND</td>
<td>Find DSNZPARM Parameters</td>
<td>Parameters that are related to DSNZPARM. With the information in this workspace, you can find DB2 parameters by field name or description for all members in a data sharing group.</td>
</tr>
<tr>
<td>KDPPZIRL</td>
<td>DB2 Group DSNZPARM IRLM Parameters</td>
<td>Parameters that are related to IRLM. These parameters are defined on the DB2 panels DSNTIP1 and DSNTIPJ.</td>
</tr>
<tr>
<td>KDPPZLOG</td>
<td>DB2 Group DSNZPARM Active Log Parameters</td>
<td>Parameters that are related to the active log. These parameters are defined on the DB2 panel, DSNTIPL.</td>
</tr>
<tr>
<td>KDPPZOTH</td>
<td>DB2 Group DSNZPARM Other Parameters</td>
<td>Miscellaneous parameters that are defined on the DB2 panels DSN6SYSF, DSN6LOGP, DSN6ARVP, DSN6SPRM, DSN6FAC, and DSNHDECP.</td>
</tr>
<tr>
<td>KDPPZPF</td>
<td>DB2 Group DSNZPARM Performance and Optimization Parameters</td>
<td>Parameters that are related to performance and optimization. These parameters are defined on the DB2 panels DSNTIP8, DSNTIP81, and DSNTIP82.</td>
</tr>
<tr>
<td>KDPPZPRM</td>
<td>DB2 Group All DSNZPARM</td>
<td>Parameters that are related to DSNZPARM.</td>
</tr>
<tr>
<td>KDPPZSP</td>
<td>DB2 Group DSNZPARM Stored Procedure</td>
<td>DSNZPARM parameters that are related to Stored Procedures. These parameters are defined on the DB2 panel DSNTIPX.</td>
</tr>
<tr>
<td>KDPPZSTG</td>
<td>DB2 Group DSNZPARM Storage and sizes</td>
<td>DSNZPARM parameters that are related to storage and sizes. These parameters are defined on the DB2 panels DSNTIPC and DSNTIPD.</td>
</tr>
<tr>
<td>KDPPZSYS</td>
<td>DB2 Group DSNZPARM parameters</td>
<td>Displays information about DSNZPARM parameters that are related to thread management. See “G DSNZPARMs (KDPPZSYS)” on page 10.</td>
</tr>
<tr>
<td>KDPPZTRC</td>
<td>DB2 Group DSNZPARM Trace</td>
<td>Parameters that are related to the trace. These parameters are defined on the DB2 panel, DSNTIPN.</td>
</tr>
<tr>
<td>KDPPZUTL</td>
<td>DB2 Group DSNZPARM Utility</td>
<td>DSNZPARM parameters that are related to utilities. These parameters are defined on DB2 the panels DSNTIP6, DSNTIP61, and DSNTIP62.</td>
</tr>
<tr>
<td>KDPSpace</td>
<td>Group Object Analysis Space Name</td>
<td>Provides information about the activity of DB2 databases and DB2 tablespaces. With this information, you can do a more detailed analysis of the activities for a DB2 databases and DB2 tablespaces.</td>
</tr>
<tr>
<td>KDPSQLA</td>
<td>DB2 SQL Counts Use Committed</td>
<td>The system SQL counts for Use Committed for each member of a data sharing group.</td>
</tr>
<tr>
<td>KDPSQLB</td>
<td>DB2 SQL Counts Workfiles</td>
<td>The system SQL counts for workfiles for each member of a data sharing group.</td>
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<tr>
<td>--------------------------</td>
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</tr>
<tr>
<td>KDPSQLD</td>
<td>DB2 SQL Counts Row ID Access</td>
<td>The system SQL counts for Row ID access for a DB2 subsystem.</td>
</tr>
<tr>
<td>KDPSQLE</td>
<td>DB2 SQL Counts Miscellaneous</td>
<td>The system miscellaneous SQL counts for each member of a data sharing group.</td>
</tr>
<tr>
<td>KDPSQL1</td>
<td>DB2 SQL Counts Data Manipulation Language (DML)</td>
<td>The SQL counts for the Data Manipulation Language (DML) for a DB2 subsystem. See “Navigating from SQL Counts DML (KDPSQL1)” on page 28.</td>
</tr>
<tr>
<td>KDPSQL2</td>
<td>DB2 SQL Counts Data Control Language (DCL)</td>
<td>The system SQL counts for Data Control Language (DCL) for a DB2 subsystem.</td>
</tr>
<tr>
<td>KDPSQL3</td>
<td>DB2 SQL Counts Data Definition Language (DDL)</td>
<td>The system SQL counts for Data Definition Language (DDL) for a DB2 subsystem.</td>
</tr>
<tr>
<td>KDPSQL4</td>
<td>DB2 SQL Counts Record Identifier (RID) List Processing</td>
<td>The system SQL counts for Record Identifier (RID) List Processing for a DB2 subsystem.</td>
</tr>
<tr>
<td>KDPSQL5</td>
<td>DB2 SQL Counts Query Parallelism workspace</td>
<td>The system SQL counts for Query Parallelism for a DB2 subsystem.</td>
</tr>
<tr>
<td>KDPSQL6</td>
<td>DB2 SQL Counts for Stored Procedures, User Defined Functions and Triggers</td>
<td>The system SQL counts for Stored Procedures, User Defined Functions, and Triggers for a DB2 subsystem.</td>
</tr>
<tr>
<td>KDPSQL7</td>
<td>DB2 SQL Counts for Prepares</td>
<td>The system SQL counts for Prepares for a DB2 subsystem.</td>
</tr>
<tr>
<td>KDPSQL8</td>
<td>DB2 SQL Counts for Concentrate Literals</td>
<td>The system miscellaneous SQL counts for each member of a data sharing group.</td>
</tr>
<tr>
<td>KDPPSLS</td>
<td>T Thread Detail SQL Text (KDPPSLS)</td>
<td>A summary of the contents of the Static SQL cache so that you can determine their performance. See “Zoom-in from T Thread Detail SQL Text (KDPPSLS) (KDPPSLS)” on page 29.</td>
</tr>
<tr>
<td>KDPSTAR</td>
<td>DB2 Main</td>
<td>The active Data Sharing Groups and the active DB2 subsystems. From this workspace, you can drill down to any other screens.</td>
</tr>
<tr>
<td>KDPSTATS</td>
<td>Statistics</td>
<td>Displays the statistics for a statement in the Static SQL cache.</td>
</tr>
<tr>
<td>KDPSTAX</td>
<td>SQL Text</td>
<td>Displays the SQL text of statement in the Static SQL cache.</td>
</tr>
<tr>
<td>KDPSTA2A</td>
<td>MVS Storage above 2 GB</td>
<td>The MVS Storage Above 2 GB workspace provides an overview of MVS storage above the 2 GB bar. It shows information about storage allocation within the DBM1 and DIST address space.</td>
</tr>
<tr>
<td>KDPSTC2A</td>
<td>Common storage below and above the 2 GB bar.</td>
<td>The Common Storage workspace provides an overview of the common storage above and below the 2 GB bar.</td>
</tr>
<tr>
<td>KDPSTOA2</td>
<td>Storage Consumption DBM1 and MVS Storage Below 2 GB</td>
<td>The DB2 subsystem storage consumption for DBM1 Storage and MVS Storage below 2 GB. For DB2 10 or higher. Version 5.1.1.</td>
</tr>
<tr>
<td>KDPSTOA9</td>
<td>Storage Consumption DBM1 and MVS Storage Below 2 GB</td>
<td>The DB2 subsystem storage consumption for DBM1 and MVS Storage below 2 GB. Version 5.1.1.</td>
</tr>
<tr>
<td>KDPSTOBA</td>
<td>Storage Consumption Subsystem Shared Storage Above 2GB</td>
<td>The DB2 subsystem storage consumption for shared storage above 2 GB. For DB2 10 or higher. Version 5.2.0.</td>
</tr>
<tr>
<td>Panel Identification (ID)</td>
<td>Workspace Name</td>
<td>Workspace Content</td>
</tr>
<tr>
<td>--------------------------</td>
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<td>-----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>KDPSTOCA</td>
<td>Storage Consumption</td>
<td>The DB2 subsystem storage consumption for common storage below and above 2 GB.</td>
</tr>
<tr>
<td></td>
<td>Common Storage Below and Above</td>
<td>For DB2 10 or higher. Version 5.1.1</td>
</tr>
<tr>
<td>KDPSTOIB</td>
<td>Storage Consumption IRLM</td>
<td>The IRLM workspace provides an overview of DB2 IRLM storage allocation including HWM and thresholds.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>For DB2 11 or higher. Version 5.2.0</td>
</tr>
<tr>
<td>KDPSTOLA</td>
<td>Storage Consumption LPAR</td>
<td>The LPAR workspace provides an overview of MVS LPAR shared storage above 2 GB.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>For DB2 10 or higher. Version 5.2.0</td>
</tr>
<tr>
<td>KDPSTOM9</td>
<td>Storage Consumption Real and Auxiliary</td>
<td>The DB2 subsystem consumption in MB for real and auxiliary storage.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Version 5.1.1.</td>
</tr>
<tr>
<td>KDPSTORA</td>
<td>Storage Consumption Storage Below 2 GB</td>
<td>The DB2 subsystem storage consumption for storage below 2 GB.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>For DB2 10 or higher. Version 5.1.1</td>
</tr>
<tr>
<td>KDPSTOSA</td>
<td>Storage Consumption Shared Storage Above 2GB</td>
<td>The DB2 subsystem storage consumption for shared storage above 2 GB.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>For DB2 10 or higher. Version 5.1.1</td>
</tr>
<tr>
<td>KDPSTOUA</td>
<td>Storage Consumption Real and Auxiliary Pages</td>
<td>The DB2 subsystem storage consumption for real and auxiliary pages.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>For DB2 10 or higher. Version 5.1.1</td>
</tr>
<tr>
<td>KDPSTO2A</td>
<td>Storage Consumption</td>
<td>The DB2 subsystem storage consumption. See &quot;Navigating from Storage (KDPSTO2A)&quot; on page 29.</td>
</tr>
<tr>
<td>KDPSTO2B</td>
<td>Subsystem Shared Storage above 2 GB</td>
<td>The Subsys Shr workspace displays subsystem shared storage above 2 GB including real storage and auxiliary storage.</td>
</tr>
<tr>
<td>KDPSTS2A</td>
<td>Shared storage above 2 GB</td>
<td>The STMT workspace provides an overview of DB2 subsystem shared storage and shared variable storage above 2 GB.</td>
</tr>
<tr>
<td>KDPSTU2A</td>
<td>Real and auxiliary storage</td>
<td>The Real Aux workspace provides an overview of real and auxiliary storage allocation within DBM1 and DIST address space.</td>
</tr>
<tr>
<td>KDSPSUBSM</td>
<td>System Resource Manager</td>
<td>An overview of workload related information about the DB2 subsystem that you are monitoring.</td>
</tr>
<tr>
<td>KDPTCANC</td>
<td>The Cancel Thread Pop-up</td>
<td>Provides an option to cancel a thread.</td>
</tr>
<tr>
<td>KDPTCAN2</td>
<td>Cancel Thread results</td>
<td>The results from the cancel thread command that was issued.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Version 5.2.0.</td>
</tr>
<tr>
<td>KDPTHCIC</td>
<td>Thread CICS Connection</td>
<td>Display CICS connection information for a CICS thread.</td>
</tr>
<tr>
<td>KDPTHCIS</td>
<td>CICS</td>
<td>Displays a CICS thread summary.</td>
</tr>
<tr>
<td>KDPTHDA2</td>
<td>Thread Detail Accounting Class 1 and 2</td>
<td>The accounting classes 1 and 2 for a selected thread.</td>
</tr>
<tr>
<td>KDPTHDD2</td>
<td>Thread Detail Distributed</td>
<td>Information about the VTAM APPC conversations and TCP/IP conversations of a distributed (DDF) thread.</td>
</tr>
<tr>
<td>KDPTHDE2</td>
<td>Thread Enclave Detail</td>
<td>Detailed information about the workload manager (WLM) enclave service periods.</td>
</tr>
</tbody>
</table>
Table 8. Workspaces of the enhanced 3270UI (continued)

<table>
<thead>
<tr>
<th>Panel Identification (ID)</th>
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