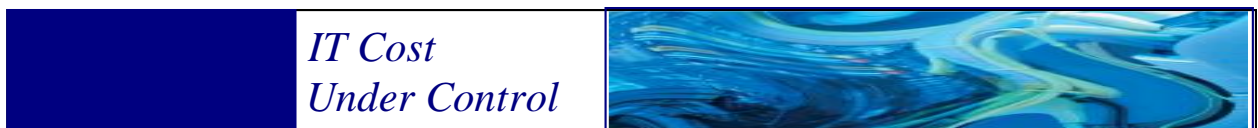




EPV for Db2 Release Notes



Supporting
EPV for Db2 V15
EPV for Db2 V15 (SAS based)

April 2021



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About this manual

This manual provides a description of the most important enhancements in EPV for Db2 Version 15.



1. Major Technical Enhancements

EPV for Db2 V15 includes the following major enhancements:

Major technical enhancements:

- z15 support;
- Db2 V12 levels support.

1.1. z15 support

EPV for Db2 fully supports z15 machines. New MIPS tables are provided including benchmarks for all the available models.

MIPS tables for zIIP have also been added to allow users to easily set the appropriate zIIP capacity for their configuration.

1.2. Db2 V12 levels support

The following information about Db2 levels are collected and reported in Configuration:

- code level,
- catalog level,
- current function level,
- highest activated function level,
- maximum possible function level.



2. Usability enhancements

EPV for Db2 V15 support a new completely redesigned User Interface¹.

Major enhancements are:

- A much more useful and effective Home Page;
- New page menus;
- New icons and redesign of table functions.

2.1. A much more useful and effective Home Page


The new Home Page provides info about product version and license expiration, at a glance. License expiration becomes yellow and starts blinking when the license is about to expire.



Figure 1

A link is also available on each installed product which can be customized by the user to decide which is the navigation starting page.

2.2. New page menus

The page menu is not anymore at the top of the page. It appears to the left and it can be hidden and opened on demand by using the following new icon . See Figure 2 and 3.

You can also decide the default behaviour by exploiting new parameters in the HTML configuration file.

¹ Only a short description of the major enhancements, introduced in the new EPV User Interface, is provided here. For more details see EPV V15 User Interface.

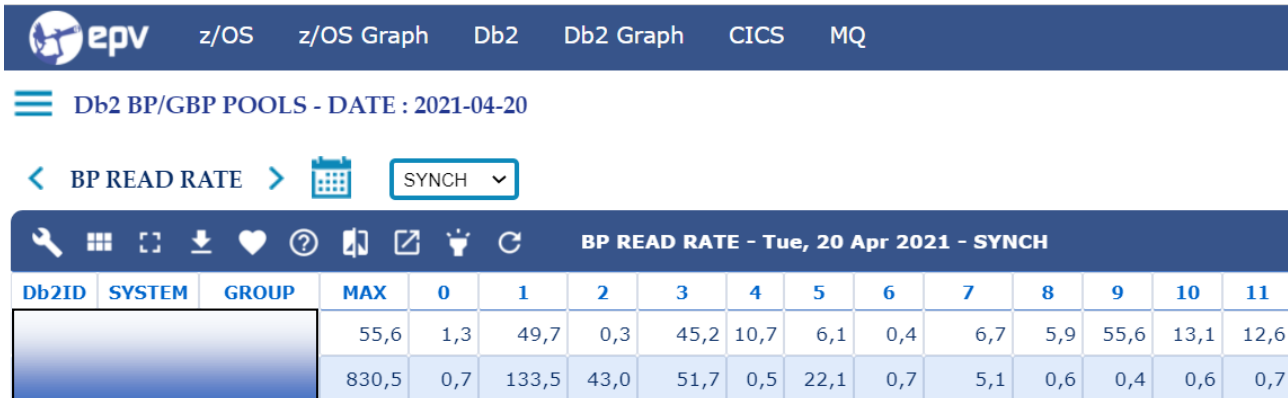


Figure 2

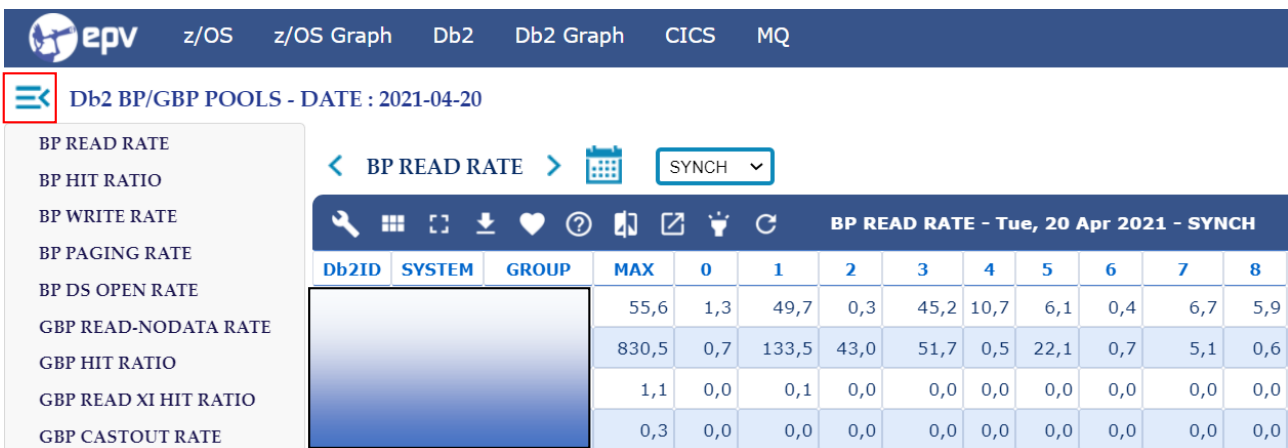


Figure 3

2.3. New icons and redesign of table functions

The icons of the table functions have been changed.

They can be hidden and opened on demand by using the following new icon

See Figure 4 and 5.

You can also decide the default behaviour by exploiting new parameters in the HTML configuration file.



epv z/OS z/OS Graph Db2 Db2 Graph CICS MQ

Db2 BP/GBP POOLS - DATE : 2021-04-20

< BP READ RATE > SYNCH

BP READ RATE - Tue, 20 Apr 2021 - SYNCH

Db2ID	SYSTEM	GROUP	MAX	0	1	2	3	4	5	6	7	8	9	10	11
			55,6	1,3	49,7	0,3	45,2	10,7	6,1	0,4	6,7	5,9	55,6	13,1	12,6
			830,5	0,7	133,5	43,0	51,7	0,5	22,1	0,7	5,1	0,6	0,4	0,6	0,7

Figure 4

epv z/OS z/OS Graph Db2 Db2 Graph CICS MQ

Db2 BP/GBP POOLS - DATE : 2021-04-20

< BP READ RATE > SYNCH

BP READ RATE - Tue, 20 Apr 2021 - SYNCH

Db2ID	SYSTEM	GROUP	MAX	0	1	2	3	4	5	6	7	8	9	10	11
			55,6	1,3	49,7	0,3	45,2	10,7	6,1	0,4	6,7	5,9	55,6	13,1	12,6
			830,5	0,7	133,5	43,0	51,7	0,5	22,1	0,7	5,1	0,6	0,4	0,6	0,7

Figure 5



3. New Views

Many views have been modified and many others have been added to the product.

The following table reports the list of the new views together with a short description.

COMPONENT	VIEW	DESCRIPTION
RESOURCES	FTB USAGE	Fast Traversal Block (FTB) usage by subsystem
RESOURCES	<i>DB2ID</i> FTB USAGE	Fast Traversal Block (FTB) usage by index on the selected subsystem
RESOURCES	<i>DB2ID</i> TOP RID SKIPPED	TOP PLANS by RID processing skipped on the selected subsystem
RESOURCES	<i>ACCELID</i> TOP PLAN ACCEL CPU	TOP PLANS by CPU usage in the accelerator
RESOURCES	<i>ACCELID</i> TOP PLAN ACCEL ELAPSED	TOP PLANS by elapsed time in the accelerator
CRITICAL EVENTS DAILY TRENDS	<i>DB2ID</i> 64BIT STORAGE CONTRACTIONS	Daily and hourly profile of the number of 64 bit storage contractions on the selected subsystem
CRITICAL EVENTS DAILY TRENDS	<i>DB2ID</i> REAL STORAGE WARNING LIMIT	Daily and hourly profile of the number of times that the real storage max warning level was reached on the selected subsystem
RESOURCES DAILY TRENDS	LOCK RATE	Daily trend of the lock rate by subsystem
RESOURCES DAILY TRENDS	<i>DB2ID</i> LOCK RATE	Daily and hourly profile of the lock rate on the selected subsystem
RESOURCES DAILY TRENDS	LATCH RATE	Daily trend of the latch suspension rate by subsystem
RESOURCES DAILY TRENDS	<i>DB2ID</i> LATCH RATE	Daily and hourly profile of the latch suspension rate on the selected subsystem
RESOURCES WEEKLY TRENDS	LOCK RATE	Weekly trend of the lock rate by subsystem
RESOURCES WEEKLY TRENDS	LATCH RATE	Weekly trend of the latch suspension rate by subsystem
RESOURCES MONTHLY TRENDS	LOCK RATE	Monthly trend of the lock rate by subsystem
RESOURCES MONTHLY TRENDS	LATCH RATE	Monthly trend of the latch suspension rate by subsystem

Legend:

DB2ID means DB2 subsystem id

ACCELID means accelerator id

An italic word in the view name means that a specific view is produced for each instance of the object written in italics.



4. Customer support

For any technical problems or questions about EPV for Db2 please email:

epv.support@epvtech.com

For any other issue about EPV for Db2 please email:

epv.info@epvtech.com



Related documentation

The following manuals complement the information provided in this manual:

- *EPV for Db2 V15 Installation and Customization Guide*
- *EPV for Db2 V15 (SAS based) Installation and Customization Guide*
- *EPV for Db2 V15 List of Views*
- *EPV for Db2 V15 Database Layout*
- *EPV for Db2 V15 Preparing Input for a Demo*
- *EPV V15 User Interface*