

D E L P H I X

Delphix DB2 2.4.2 Release Notes

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You can find the most up-to-date technical documentation at:

docs.delphix.com The Delphix Web site also provides the latest product updates.

If you have comments about this documentation, submit your feedback to: infodev@delphix.com

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DB2 2.4.2 Release Notes

New Features

DB2 toolkit version 2.4.2 includes bug fixes and some code improvements.

Toolkit Installation

Toolkits to support DB2 virtualization are not automatically included in the Virtualization Engine deployment and are installed by Delphix Professional Services or Technical Support. A Support case can be opened requesting installation by following this link.

Migration and Compatibility

Supported DBMS Versions

- DB2 Enterprise Server Edition 10.5
- DB2 Advanced Enterprise Server Edition 10.5
- DB2 Enterprise Server Edition 11.1
- DB2 Advanced Enterprise Server Edition 11.1
- DB2 Developer Edition 11.1 (on RHEL 6.7)

Supported Operating Systems

- Red Hat Enterprise Linux (RHEL)
- Supported DB2 Fixpack with Delphix Engine
 - DB2 11.1 Fix Packs
 - DB2 11. Fix Packs Non-HADR Linking
 - DB2 11. Fix Packs HADR Linking
 - DB2 11. Fix Packs Provisioning
 - DB2 10.5 Fix Packs
 - DB2 10.5 Fix Packs - NON HADR linking
 - DB2 10.5 Fix Packs - HADR Linking
 - DB2 10.5 Fick Packs HADR-NON HADR Provision
- Advanced Interactive eXecutive (AIX)
- Toolkit/Delphix Engine Compatibility

1. ESE: Enterprise Server Edition
2. AESE: Advanced Enterprise Server Edition
3. As of Delphix Engine 5.1.6 - For the supported DB2 versions, Delphix supports the corresponding DB2 Developer edition where the vendor, IBM, supports it
4. 64-bit OS support only

Red Hat Enterprise Linux (RHEL)

Supported DBMS Version	ESE 10.5	AESE 10.5	ESE 11.1	AESE 11.1
Supported OS Version				
RHEL 6.0	Not Supported	Not Supported	Not Supported	Not Supported
RHEL 6.1	Not Supported	Not Supported	Not Supported	Not Supported
RHEL 6.2	Not Supported	Not Supported	Not Supported	Not Supported
RHEL 6.3	Not Supported	Not Supported	Not Supported	Not Supported
RHEL 6.4	Supported	Supported	Not Supported	Not Supported
RHEL 6.5	Supported	Supported	Not Supported	Not Supported

RHEL 6.6	Supported	Supported	Not Supported	Not Supported
RHEL 6.7	Supported	Supported	Supported	Supported
RHEL 6.8	Supported	Supported	Supported	Supported
RHEL 6.9	Supported	Supported	Supported	Supported
RHEL 7.0	Supported	Supported	Supported	Supported
RHEL 7.1	Supported	Supported	Supported	Supported
RHEL 7.2	Supported	Supported	Supported	Supported
RHEL 7.3	Supported	Supported	Supported	Supported
RHEL 7.4	Supported	Supported	Supported	Supported

DB2 11.1 Developer Edition has been certified on RHEL 6.7.

Supported DB2 Fixpack with Delphix Engine

DB2 11.1 Fix Packs

DB2 11. Fix Packs Non-HADR Linking

Source	Staging		
	11.1.1.1	11.1.2.2	11.1.3.3
11.1.1.1	Supported	Supported	Supported
11.1.2.2	Not Supported	Supported	Supported
11.1.3.3	Not Supported	Supported	Supported

DB2 11. Fix Packs HADR Linking

Source	Staging		
	11.1.1.1	11.1.2.2	11.1.3.3
11.1.1.1	Supported	Supported	Supported
11.1.2.2	Not Supported	Supported	Supported
11.1.3.3	Not Supported	Supported	Supported

DB2 11. Fix Packs Provisioning

Staging	Target		
	11.1.1.1	11.1.2.2	11.1.3.3
11.1.1.1	Supported	Supported	Supported
11.1.2.2	Not Supported	Supported	Supported
11.1.3.3	Not Supported	Supported	Supported

DB2 10.5 Fix Packs

DB2 10.5 Fix Packs - NON HADR linking

Source	Staging								
	10.5.0.1	10.5.0.2	10.5.0.3	10.5.0.4	10.5.0.5	10.5.0.6	10.5.0.7	10.5.0.8	10.5.0.9
10.5.0.1	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.2	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.3	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.4	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.5	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.6	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.7	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.8	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.9	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported

DB2 10.5 Fix Packs - HADR Linking

Source	Staging								
	10.5.0.1	10.5.0.2	10.5.0.3	10.5.0.4	10.5.0.5	10.5.0.6	10.5.0.7	10.5.0.8	10.5.0.9
10.5.0.1	Supported	Not Supported	Not Supported	Not Supported	Not Supported	Supported	Supported	Supported	Supported
10.5.0.2	Not Supported	Supported	Not Supported	Not Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.3	Not Supported	Not Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.4	Not Supported	Not Supported	Not Supported	Supported	Not Supported	Supported	Supported	Supported	Supported
10.5.0.5	Not Supported	Not Supported	Not Supported	Not Supported	Supported	Not Supported	Supported	Supported	Supported
10.5.0.6	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Supported	Supported	Supported	Supported
10.5.0.7	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Supported	Supported	Supported
10.5.0.8	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Supported	Supported
10.5.0.9	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported	Supported

DB2 10.5 Fick Packs HADR-NON HADR Provision

Staging	Target								
	10.5.0.1	10.5.0.2	10.5.0.3	10.5.0.4	10.5.0.5	10.5.0.6	10.5.0.7	10.5.0.8	10.5.0.9
10.5.0.1	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.2	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.3	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.4	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.5	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.6	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.7	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.8	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.9	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported

Advanced Interactive eXecutive (AIX)

Supported DBMS Version		ESE 10.5	AESE 10.5	ESE 11.1	AESE 11.1
	Supported OS Version				
	AIX 6.1	Not Supported	Not Supported	N/A	N/A
	AIX 7.1	Supported	Supported	Supported	Supported
	AIX 7.2	Supported	Supported	Supported	Supported

Toolkit/Delphix Engine Compatibility

Toolkits should be installed on compatible Delphix Engines per the table below:

Delphix Engine	DB2_2.0.1	DB2_2.1.0	DB2_2.2.1	DB2_2.3.0	DB2_2.4.0	DB2_2.4.1	DB2_2.4.2
5.1.x	No	No	No	No	No	No	No
5.2.2.x	Yes	No	No	No	No	No	No
5.2.3.x	No	Yes	Yes	Yes	No	No	No
5.2.4.x	No	Yes	Yes	Yes	No	No	No
5.2.5.x	No	Yes	Yes	Yes	No	No	No
5.2.6.x	No	Yes	Yes	Yes	No	No	No
5.3.0.x	No	Yes	Yes	Yes	Yes	Yes	Yes
5.3.1.x	No	Yes	Yes	Yes	Yes	Yes	Yes
5.3.2.x	No	Yes	Yes	Yes	Yes	Yes	Yes

Unsupported DB2 Features

- DB2 9.7 and below
- DB2 Database Partitioning Feature (DPF)
- DB2 pureScale
- Ingestion to DMS Raw Devices
- V2P

Fixed Issues

Key	Summary
DB2-130	The toolkit was not loading the db2profile and user need to load the db2profile before using the Delphix Engine.
DB2-336	Verify compatibility of fix packs prior to provisioning and run rebind operations when required.
DB2-347	Toolkit throwing syntax error while checking hadr log gap.
DB2-376	Local DB directory of VDB alias is getting changed to default after enable operation.

Known Issues

The following issues are known to exist in this release:

Key	Summary	Workaround/Comments
DB2-50	While adding sourceConfig details there is no validation for blank values.	The user should enter valid sourceConfig values.
DB2-125	During update configuration, the linking process is aborted for parameters which throw a warning.	The user should update the database configurations from the DB2 console instead of Toolkit screen.
DB2-129	An error message displays on a dSource interface for an invalid property-value pair.	None