

D E L P H I X

Delphix DB2 2.5.1 Release Notes

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

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DB2 2.5.1 Release Notes

New Features

DB2 Plugin version 2.5.1 introduces major changes that will improve customers experience and expand functionality.

- **Delphix Recovery - (Recovery with Full Backups and Archived Logs):** Previously, the only available method for Delphix to ingest a DB2 database was to recover a DB2 full backup on staging target. With this new feature, the DB2 plugin will be able to leverage the DB2 archived logs to do incremental recovery which results in a faster, streamlined recovery and ingestion process. This feature has been added to the DB2 Plugin in addition to the currently supported DB2 HADR. Finally, this new method does not require Delphix to directly connect to the DB2 production DB, adding to our Zero Production Touch vision.

Plugin Upgrade Path

Use the table below to determine the most efficient upgrade path from your current version to the latest version of the DB2 Toolkit.

Your Version	Recommended upgrade path to DB2 2.5.1
2.0.1	Upgrade to 2.1.0, and follow the paths below.
2.1.0	Upgrade to 2.2.1, and follow the paths below.
2.2.1	Upgrade to 2.3.0, and follow the paths below.
2.3.0	Upgrade to 2.4.0, and follow the paths below.
2.4.0	Upgrade directly to the latest version.
2.4.1	
2.4.2	

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

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 11.1 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 11.1 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

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	DB2_2.5.1
5.1.x	No	No	No	No	No	No	No	No
5.2.2.x	Yes	No	No	No	No	No	No	No
5.2.3.x	No	Yes	Yes	Yes	No	No	No	No
5.2.4.x	No	Yes	Yes	Yes	No	No	No	No
5.2.5.x	No	Yes	Yes	Yes	No	No	No	No
5.2.6.x	No	Yes	Yes	Yes	No	No	No	No
5.3.0.x	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5.3.1.x	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5.3.2.x	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5.3.3.x	No	Yes	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

DB2 version 2.5.1 contains the following bug fixes:

Key	Summary	Notes
DB2-427	The database will be put in state not allowing user connections during Self-service branch activation.	

