

D E L P H I X

Delphix DB2 2.0.1 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 2.0.1 Release Notes

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New Features

DB2 toolkit version 2.0.1 introduces several major changes that will dramatically improve our customers' experience and expand functionality.

- Database level feature
- BLU feature support

Database Level Feature

DB2 on Delphix was initially designed to work at the Instance- level: an instance being a collection of DB2 databases. For the DB2 2.0.1 release, Delphix has improved DB2 operations to the database-level. This enhancement will provide users with simplified administration and operations of the DB2 VDBs.

Important Notes

- Delphix will not be providing an upgrade path between the instance level toolkit (DB2-1.x.x and the DB level toolkit DB2-2.x.x) which may lead to data loss, and impact on business continuity. In order to ensure a smooth migration, please contact your account team.
- We only support installs of DB2-2.x.x going forward. The DB2-1.x.x toolkit should no longer be installed. All installs of DB2 toolkit should be done using the DB2-2.x.x toolkit which is only compatible with Delphix Engines specified in the Toolkit/Delphix Engine Compatibility Matrix

below.

BLU Feature

DB2 BLU is a collection of technologies for analytical database workloads. BLU Acceleration design integrates different technologies including in-memory processing of columnar data, Actionable Compression, CPU Acceleration, and Data Skipping.

Virtualization of DB2 BLU with Delphix provides users with not only storage savings but with agility, integration and federated DB support.

Certifications: In all Delphix releases, we introduce support for new data source / operating system versions.

Deprecated and Removed Features

Deprecated Features

In this release the following features were deprecated:

- support for DB2 10.1
- support for AIX 6.1

Removed Features

The following features are no longer supported:

- **Bufferpool memory option** — Users can no longer set the bufferpool memory using Delphix Engine.
- **Mount point location option** — The mount point will be decided by the toolkit and the base location for new mount point will be toolkit directory space. The new mount point will be in the format : *<toolkit dir>/DB2/mnts/<USER>/<DB Name>/<USER>*.

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 DB2 Versions and Operating Systems

Supported DBMS Versions

- DB2 Enterprise Server Edition 10.1
- DB2 Advanced Enterprise Server Edition 10.1
- 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 Support Matrix

- [Red Hat Enterprise Linux \(RHEL\)](#)
- [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

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
5.1.x	No
5.2.2	Yes

Unsupported DB2 Features

Unsupported DB2 Versions and Features

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

Known Issues

The following issues are known to exist in this release:

Key	Summary	Workaround
DB2-47	Log message while detecting any regular database inside instance if we are using name of database as same as regular DB for VDB creation.	None
DLPX-56202	Getting error while performing DE operations if we provide extra slash (at end) to toolkit directory while adding environment to DE	None
DLPX-56225	Force disable of VDB is leaving a stale file handle after amount of nfs mount point.	None
DB2-48	VDB creation getting failed when we are providing special characters in VDB name field.	None
DB2-50	No validation on blank value while adding sourceConfig details.	Workaround : User needs to fill details to sourceConfig values.
DLPX-56475	Environment discovery stalled for AIX host with GA DB2 toolkit	None