

D E L P H I X

Db2 2.7.0 Release Notes

Release Version 5.3.6.0

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Db2 2.7.0 Release Notes

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

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

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DB2 2.7.0 Release Notes

New Features

Db2 Plugin version 2.7.0 introduces two changes that will improve user experience and enhance the plugin functionality.

1. Following UI changes were introduced on add dSource and provision vFile pages:
 - a. add dSource page :
 - i. **logarchmeth1** field was removed - This field is not required on UI as users can specify this Db2 configuration parameter in the configuration settings field.
 - ii. Some Fields were renamed and reordered, field descriptions were improved.
 1. Field name changes are as follows :

Old field name	New field name	Type
Delphix Recovery, Backups and Logs	Customer Supplied Archive Logs	Checkbox
Log Path	Archive Log Path	Text
Copy to Apply	Archive Log Location is READ ONLY	Checkbox
HADR	Link against source using HADR	Checkbox
Config Settings	Staging Database Configuration Settings	Text

2. New UI add dSource page is as follows :

iii. HADR checkbox option, which was checked by default till now, will not be checked going forward. So going forward, non-HADR type of ingestion will be the default ingestion type.

b. Provision vFile page :

Field name changes are as follows :

Old field name	New field name	Type
Config Settings	Virtual Database Configuration Settings	Text

2. Permission of **mnts**, **logs** and **code** folders at **<Toolkit dir>/DB2** location has been changed to **775** from **777**. It is assumed that the primary group of the primary environment user (user which is used to do discovery) must be shared with the instance user. If you don't want to share any group between primary environment user and the instance user, then please follow the steps below to allow the plugin to access these folders via instance user:

- a. Create a config file name as **advanceConfFlag.conf** at location **<Toolkit directory>/** with primary environment user.
- b. Add the below line in this config file.

- i. `notCommonGroupFlag=true`
- c. Refresh the environment.

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)**
 - **ESE and AESE Support**
- **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)**
- **Plugin/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)

ESE and AESE Support

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
RHEL 7.5	Supported	Supported	Supported	Supported
RHEL 7.6	Supported	Supported	Supported	Supported

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 Fix 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

Plugin/Delphix Engine Compatibility

Plugins 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	Db2_2. 6.0	Db2_2. 6.1	Db2_2. 7.0
5.1.x	No	No	No	No	No	No	No	No	No	No	No
5.2.2.x	Yes	No	No	No	No	No	No	No	No	No	No
5.2.3.x	No	Yes	Yes	Yes	No	No	No	No	No	No	No
5.2.4.x	No	Yes	Yes	Yes	No	No	No	No	No	No	No
5.2.5.x	No	Yes	Yes	Yes	No	No	No	No	No	No	No
5.2.6.x	No	Yes	Yes	Yes	No	No	No	No	No	No	No
5.3.0.x	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5.3.1.x	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5.3.2.x	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5.3.3.x	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

5.3.4.x	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5.3.5.x	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5.3.6.x	No	Yes	Yes	Yes	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

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 Plugin.

Your Version	Recommended upgrade path to DB2 2.7.0
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 to 2.5.1, and follow the paths below.
2.4.1	
2.4.2	
2.5.1	Upgrade to 2.6.0, and follow the paths below.
2.6.0	Upgrade directly to the latest version
2.6.1	

Known Issues

Db2 plugin version 2.7.0 contains the following known issues:

Key	Summary	Workaround / Comments
DB2-619	VDB Migration feature is restricted	<p>For Db2 datasets, we can only migrate VDB with the following pre-requisites:</p> <ol style="list-style-type: none"> 1. Instance name and installation path must be the same on the target host (where we are migrating the VDB). 2. Toolkit directory on the old target host and new target host should be the same. 3. OS version and Db2 release version should be the same on both the targets.

Fixed Issues

DB2 version 2.7.0 contains the following bug fixes:

Key	Summary	Notes
DB2-556	Rewording and reordering of field's labels and descriptions.	
DB2-548	DB2 folder on toolkit must not have 777 permissions.	