

**D E L P H I X**

**Delphix Db2 2.7.1 Release Notes**

**Release Version 5.3.7.0**

**December 2019**

## Delphix Db2 2.7.1 Release Notes

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# Db2 2.7.1 Release Notes

## New Features

The Db2 Plugin version 2.7.1 introduces a change that restricts the plugin from provisioning a VDB on a Db2 instance which contains a database with the same name as the VDB's source database

For example:

1. When we are provisioning a VDB from a VDB then source VDB will be treated as source database.
2. When we are provisioning a VDB from a dSource then staging database will be treated as source database.

If the user wants to provision a VDB on an instance which contains a database with the same name as the VDB's source database, then the user needs to follow the below steps :

1. Check if any config file with name **advanceConfFlag.conf** exists at location **<Toolkit directory>/**. If it does not exist, then the user should create a file with name **advanceConfFlag.conf** at location **<Toolkit directory>/**. Instance user must have read permission to this file. Once the file is created, user should proceed to step 2. If the file already exists at this location with the required permission, user should directly proceed to step 2.
2. Add the below line in this config file.
  - a. `allowSourceDBonSameInst=true`
3. Then create/Refresh the VDB again.

## 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 (including archive log support) 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
<b>Supported OS Version</b>				
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 (including archive log support) Linking

Source	Staging			
	11.1.1.1	11.1.2.2	11.1.3.3	11.1.4.4
11.1.1.1	Supported	Supported	Supported	Supported
11.1.2.2	Not Supported	Supported	Supported	Supported
11.1.3.3	Not Supported	Supported	Supported	Supported
11.1.4.4	Not Supported	Supported	Supported	Supported

#### Db2 11. Fix Packs HADR Linking

Source	Staging			
	11.1.1.1	11.1.2.2	11.1.3.3	11.1.4.4
11.1.1.1	Supported	Supported	Supported	Not Supported
11.1.2.2	Not Supported	Supported	Supported	Not Supported
11.1.3.3	Not Supported	Supported	Supported	Not Supported
11.1.4.4	Not Supported	Not Supported	Not Supported	Supported

## Db2 11. Fix Packs Provisioning

Staging	Target			
	11.1.1.1	11.1.2.2	11.1.3.3	11.1.4.4
11.1.1.1	Supported	Supported	Supported	Supported
11.1.2.2	Not Supported	Supported	Supported	Supported
11.1.3.3	Not Supported	Supported	Supported	Supported
11.1.4.4	Not Supported	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	10.5.0.10
10.5.0.1	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.2	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.3	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.4	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.5	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.6	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.7	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.8	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.9	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported

10.5.0.10	Support ed	Support ed	Support ed	Support ed	Support ed	Support ed	Support ed	Support ed	Support ed	Support ed
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### 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	10.5.0.10
10.5.0.1	Support ed	Not Support ed	Not Support ed	Not Support ed	Not Support ed	Support ed	Support ed	Support ed	Support ed	Not Support ed
10.5.0.2	Not Support ed	Support ed	Not Support ed	Not Support ed	Support ed	Support ed	Support ed	Support ed	Support ed	Support ed
10.5.0.3	Not Support ed	Not Support ed	Support ed	Support ed	Support ed	Support ed	Support ed	Support ed	Support ed	Support ed
10.5.0.4	Not Support ed	Not Support ed	Not Support ed	Support ed	Not Support ed	Support ed	Support ed	Support ed	Support ed	Support ed
10.5.0.5	Not Support ed	Not Support ed	Not Support ed	Not Support ed	Support ed	Not Support ed	Support ed	Support ed	Support ed	Support ed
10.5.0.6	Not Support ed	Not Support ed	Not Support ed	Not Support ed	Not Support ed	Support ed	Support ed	Support ed	Support ed	Support ed
10.5.0.7	Not Support ed	Not Support ed	Not Support ed	Not Support ed	Not Support ed	Not Support ed	Support ed	Support ed	Support ed	Support ed
10.5.0.8	Not Support ed	Not Support ed	Not Support ed	Not Support ed	Not Support ed	Not Support ed	Not Support ed	Support ed	Support ed	Support ed
10.5.0.9	Not Support ed	Not Support ed	Not Support ed	Not Support ed	Not Support ed	Not Support ed	Not Support ed	Not Support ed	Support ed	Support ed
10.5.0.10	Not Support ed	Not Support ed	Not Support ed	Not Support ed	Not Support ed	Not Support ed	Not Support ed	Not Support ed	Not Support ed	Support ed

## 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	10.5.0.10
10.5.0.1	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.2	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.3	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.4	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.5	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.6	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.7	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.8	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.9	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported	Supported
10.5.0.10	Supported	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	Db2_2. 7.1
5.1.x	No	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	No
5.2.3.x	No	Yes	Yes	Yes	No	No	No	No	No	No	No	No
5.2.4.x	No	Yes	Yes	Yes	No	No	No	No	No	No	No	No
5.2.5.x	No	Yes	Yes	Yes	No	No	No	No	No	No	No	No
5.2.6.x	No	Yes	Yes	Yes	No	No	No	No	No	No	No	No
5.3.0.x	No	Yes	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	Yes
5.3.2.x	No	Yes	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	Yes
5.3.4.x	No	Yes	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	Yes
5.3.6.x	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5.3.7.x	No	Yes	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 to 2.7.0, and follow the paths below.
2.6.1	
2.7.0	Upgrade directly to the latest version

## Known Issues

Db2 plugin version 2.7.1 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 prerequisites:</p> <ol style="list-style-type: none"> <li>1. Instance name and installation path must be the same on the target host (where we are migrating the VDB).</li> <li>2. Toolkit directory on the old target host and new target host should be the same.</li> <li>3. OS version and Db2 release version should be the same on both the targets.</li> </ol>

## Fixed Issues

Db2 version 2.7.1 contains the following bug fixes:

Key	Summary	Notes
DB2-623	Delphix should not allow provisioning to an instance where source database name already exists.	