

D E L P H I X

PostgreSQL 1.3.1 Release Notes

Release Version 5.3.7.0

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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.

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PostgreSQL 1.3.1 Release Notes

Welcome to the latest release of the Delphix Engine database virtualization system.

New Features

No new features were included in Postgres Plugin version 1.3.1. This release consists only of bug fixes.

Plugin Installation

Plugins to support PostgreSQL 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 Versions

PostgreSQL Standard Versions:

- PostgreSQL 9.4.x
- PostgreSQL 9.5.x
- PostgreSQL 9.6.x
- PostgreSQL 10.x
- PostgreSQL 11.x

PostgreSQL EDB Versions:

- PostgreSQL 9.4.x
- PostgreSQL 9.5.x
- PostgreSQL 9.6.x
- PostgreSQL 10.x
- PostgreSQL 11.x

Supported Operating Systems

RHEL/CentOS/SLES - PostgreSQL Open Source & EDB

Supported DBMS Version	Supported OS Version	PostgreSQL	PostgreSQL	PostgreSQL	PostgreSQL	PostgreSQL
		9.4.x (Open Source & EDB)	9.5.x (Open Source & EDB)	9.6.x (Open Source & EDB)	10.x (Open Source & EDB)	11.x (Open Source & EDB)
	RHEL /CentOS 7.3	Supported	Supported	Supported	Supported	Supported
	RHEL /CentOS 7.4	Supported	Supported	Supported	Supported	Supported
	RHEL /CentOS 7.5	Supported	Supported	Supported	Supported	Supported
	RHEL /CentOS 7.6	Supported	Supported	Supported	Supported	Supported
	SLES 11	Supported	Not Supported	Not Supported	Not Supported	Not Supported
	SLES 12	Supported	Supported	Supported	Supported	Supported

x is the minor version of the PostgreSQL Database.

Plugin/Delphix Engine Compatibility

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

Delphix Engine	PostgreSQL 1.0.1	PostgreSQL 1.0.2	PostgreSQL 1.1.0	PostgreSQL 1.2.0	PostgreSQL 1.3.0	PostgreSQL 1.3.1
5.3.1.x	Yes	Yes	No	No	No	No
5.3.2.x	Yes	Yes	No	No	No	No
5.3.3.x	No	No	Yes	Yes	Yes	Yes
5.3.4.x	No	No	Yes	Yes	Yes	Yes
5.3.5.x	No	No	Yes	Yes	Yes	Yes
5.3.6.x	No	No	Yes	Yes	Yes	Yes
5.3.7.x	No	No	Yes	Yes	Yes	Yes

Plugin Upgrade Path

Path A - New Plugin installation for PostgreSQL customers:

- Upload 1.3.1 Plugin for PostgreSQL 9.4.x, 9.5.x, 9.6.x,10.x and 11.x customers

Path B - Existing PostgreSQL customers with different Plugin version:

<i>Your Version</i>	<i>Recommended Upgrade Path to 1.3.1</i>
1.0.1	Upgrade to 1.1.0 and follow the upgrade path below.
1.0.2	
1.1.0	Upgrade to 1.2.0 and follow the upgrade path below.
1.2.0	Upgrade to 1.3.0 and follow the upgrade path below.
1.2.0	Upgrade to 1.3.1, the latest plugin for PostgreSQL.

For PostgreSQL customers with Plugin version 1.0.1 or 1.0.2

Plugin upgrade path: 1.0.1 1.1.0 1.2.0 1.3.0

Plugin upgrade path: 1.0.2 1.1.0 1.2.0 1.3.0

Plugin upgrade path: 1.0.2 1.1.0 1.2.0 1.3.1

For PostgreSQL customers with Plugin version 1.1.0

Plugin upgrade path: 1.1.0 1.2.0 1.3.0

Plugin upgrade path: 1.1.0 1.2.0 1.3.1

For PostgreSQL customer with Plugin version 1.2.0

Plugin upgrade path: 1.2.0 1.3.0

Plugin upgrade path: 1.2.0 1.3.1

Upgrading Existing Objects

In order to upgrade the existing objects with 1.1.0 (i.e 1.0.1 1.1.0 or 1.0.2 1.1.0), just after the upgrade, it is mandatory to update below two parameters of dSource using "custom Configuration" option on the UI :

- Source IP Address
- Source Port

A critical fault will show up on dSource just after the upgrade. It is because the engine is not able to find the source config from which dSource was created. As we have moved to manual discovery in this release, we need to mark this fault as resolve on the status tab of dSource.

Unsupported PostgreSQL Versions and Features

PostgreSQL versions below 9.4 i.e 9.2, 9.3 (including the minor versions) are not supported.

Unlogged Tables: All the tables which are not logged (unlogged) will not be supported by the Plugin.

Point In Time recovery: Currently, the Plugin doesn't support Point in Time recovery of PostgreSQL database

Fixed Issues

PostgreSQL version 1.3.1 contains the following bug fixes:

Key	Summary	Notes
POST-255	The plugin should handle different formatting of postgresql.conf file parameters	