

D E L P H I X

Release Notes

February, 2018

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.

If you have comments about this documentation, submit your feedback to: infodev@delphix.com

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Delphix Corp.

1400 Seaport Blvd, Suite 200

Redwood City, CA 94063

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Release Notes 5.2.x

Welcome to the 5.2 release of the Delphix Engine database virtualization system.

Migration and Compatibility

- [Upgrade Matrix](#)
- [Supported Oracle DBMS Versions and Operating Systems for Source and Target Environments](#)
- [Supported SAP ASE Versions and Operating Systems](#)
- [Supported SQL Server Versions, Operating Systems, and Backup Software](#)

Upgrade Matrix

5.2 Upgrade Matrix

Upgrades to Delphix Engine 5.2 are supported from 5.0.0.0 and above.

	5.2.2.0	5.2.2.1	5.2.3.0
4.3 and prior			
5.0 - 5.1			
5.2.2.0			
5.2.2.1			

Key:

Color	Supported?	VDB Downtime Required? ¹
	No	N/A
	Yes	Required
	Yes	Not Required
	Yes	Optional ²

1. VDB Downtime is caused by a reboot of the Delphix Platform when DelphixOS is modified by an upgrade.
2. VDB Downtime may be optional for an upgrade when a release contains DelphixOS changes that are also optional. In such a scenario, the DelphixOS changes may be deferred (see documentation on [Defer red OS Upgrade](#)).

Tested Browser Configuration Matrix

OS Supported	Browsers Supported	Minimum Memory
Windows 10	Internet Explorer 11.x, Firefox, Chrome	4GB
Windows 8.1	Internet Explorer 11.x, Firefox, Chrome	4GB
Windows 7	Internet Explorer 11.x, Firefox, Chrome	4GB
Mac OS X	Firefox, Chrome	4GB

Supported Oracle DBMS Versions and Operating Systems for Source and Target Environments

Source and Target OS and DBMS Compatibility

The source and target must be running the same DBMS/Operating System combination (for example, Oracle 10.2.0.4 on RHEL 5.2) in order to successfully provision a VDB to the target. If the DBMS versions are compatible, the OS version on a target host can be different from the OS version on the source host.

Supported DBMS Versions

- Oracle 9.2.0.8
- Oracle 10.2
- Oracle 11.1
- Oracle 11.2
- Oracle 12.1
- Oracle 12.2

Oracle 9.2.0.8

The Delphix Engine has limited support for Oracle 9.2.0.8 and cannot link to a database that has a compatibility setting lower than 9.2.0.8.

Delphix features supported with Oracle 9.2.0.8:

	dSource	VDB
SnapSync	Yes	No
LogSync	No	No
Rewind	Not Applicable	No
V2P (virtual to physical)	Yes	No
RAC	No	No
Standby Database	No	No

Oracle 10.2.0.4

The Delphix Engine does not support Oracle 10.2.0.4 databases using Automatic Storage Management (ASM) that do not have the patch set for Oracle Bug 7207932. This bug is fixed in patch set 10.2.0.4.2 onward.

Supported Operating Systems

Support applies to corresponding versions of Community Enterprise Operating System (CentOS) / Oracle Linux (OL).

64-bit OS support only.

Red Hat Enterprise Linux (RHEL)

Supported DBMS Version	Oracle 10g	Oracle 11gR1	Oracle 11gR2	Oracle 12cR1	Oracle 12cR2
Supported OS Version					
RHEL 4.7	Supported	Supported	Supported	N/A	N/A
RHEL 4.8	Supported	Supported	Supported	N/A	N/A
RHEL 4.9	Supported	Supported	Supported	N/A	N/A
RHEL 5.0	Not Supported	Not Supported	N/A	N/A	N/A
RHEL 5.1	Not Supported	Not Supported	N/A	N/A	N/A
RHEL 5.2	Not Supported	Not Supported	Not Supported	N/A	N/A
RHEL 5.3	Supported	Supported	Supported	N/A	N/A
RHEL 5.4	Supported	Supported	Supported	N/A	N/A
RHEL 5.5	Supported	Supported	Supported	N/A	N/A
RHEL 5.6	Supported	Supported	Supported	Supported	N/A
RHEL 5.7	Supported	Supported	Supported	Supported	N/A
RHEL 5.8	Supported	Supported	Supported	Supported	N/A
RHEL 5.9	Supported	Supported	Supported	Supported	N/A
RHEL 5.10	Supported	Supported	Supported	Supported	N/A
RHEL 5.11	Supported	Supported	Supported	Supported	N/A
RHEL 6.0	N/A	N/A	Supported	Supported	N/A

RHEL 6.1	N/A	N/A	Supported	Supported	N/A
RHEL 6.2	N/A	N/A	Supported	Supported	N/A
RHEL 6.3	N/A	N/A	Supported	Supported	N/A
RHEL 6.4	N/A	N/A	Supported	Supported	Supported
RHEL 6.5	N/A	N/A	Supported	Supported	Supported
RHEL 6.6	N/A	N/A	Supported	Supported	Supported
RHEL 6.7	N/A	N/A	Supported	Supported	Supported
RHEL 6.8	N/A	N/A	Supported	Supported	Supported
RHEL 6.9	N/A	N/A	Supported	Supported	Supported
RHEL 7.0	N/A	N/A	Supported	Supported	Supported
RHEL 7.1	N/A	N/A	Supported	Supported	Supported
RHEL 7.2	N/A	N/A	Supported	Supported	Supported
RHEL 7.3	N/A	N/A	Supported	Supported	Supported
RHEL 7.4	N/A	N/A	Supported	Supported	Supported

SUSE Linux Enterprise Server (SLES)

Supported DBMS Version	Oracle 10g	Oracle 11gR1	Oracle 11gR2	Oracle 12cR1	Oracle 12cR2
Supported OS Version					
SLES 10	Supported	Supported	N/A	N/A	N/A
SLES 10 SP1	Supported	Supported	N/A	N/A	N/A
SLES 10 SP2	Supported	Supported	Supported	N/A	N/A
SLES 10 SP3	Supported	Supported	Supported	N/A	N/A
SLES 10 SP4	Not Supported	Not Supported	Not Supported	N/A	N/A
SLES 11	Supported	Supported	Supported	N/A	N/A
SLES 11 SP1	Supported	Supported	Supported	N/A	N/A

SLES 11 SP2	Supported	Supported	Supported	Supported	N/A
SLES 11 SP3	Supported	Supported	Supported	Supported	N/A
SLES 11 SP4	Not Supported	Not Supported	Supported	Supported	N/A
SLES 12	N/A	N/A	Supported	Supported	N/A
SLES 12 SP1	N/A	N/A	Supported	Supported	Supported
SLES 12 SP2	N/A	N/A	Supported	Supported	Supported

Solaris SPARC

Supported DBMS Version	Oracle 10g	Oracle 11gR1	Oracle 11gR2	Oracle 12cR1	Oracle 12cR2
Supported OS Version					
Solaris 10	Supported	Supported	N/A	N/A	N/A
Solaris 10 U1	Supported	Supported	N/A	N/A	N/A
Solaris 10 U2	Supported	Supported	N/A	N/A	N/A
Solaris 10 U3	Supported	Supported	N/A	N/A	N/A
Solaris 10 U4	Supported	Supported	N/A	N/A	N/A
Solaris 10 U5	Supported	Supported	N/A	N/A	N/A
Solaris 10 U6	Supported	Supported	Supported	N/A	N/A
Solaris 10 U7	Supported	Supported	Supported	N/A	N/A
Solaris 10 U8	Supported	Supported	Supported	N/A	N/A
Solaris 10 U9	Supported	Supported	Supported	N/A	N/A
Solaris 10 U10	Supported	Supported	Supported	Supported	N/A
Solaris 10 U11	Supported	Supported	Supported	Supported	N/A
Solaris 11	N/A	N/A	Supported	Supported	N/A
Solaris 11 U1	N/A	N/A	Supported	Supported	N/A
Solaris 11 U2	N/A	N/A	Supported	Supported	Supported in 5.2.3

Solaris 11 U3	N/A	N/A	Not Supported	Not Supported	Supported in 5.2.3
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Solaris x86

Supported DBMS Version	Oracle 10g	Oracle 11gR1	Oracle 11gR2	Oracle 12cR1	Oracle 12cR2
Supported OS Version					
Solaris 10	Supported	Supported	N/A	N/A	N/A
Solaris 10 U1	Supported	Supported	N/A	N/A	N/A
Solaris 10 U2	Supported	Supported	N/A	N/A	N/A
Solaris 10 U3	Supported	Supported	N/A	N/A	N/A
Solaris 10 U4	Supported	Supported	N/A	N/A	N/A
Solaris 10 U5	Supported	Supported	N/A	N/A	N/A
Solaris 10 U6	Supported	Supported	Supported	N/A	N/A
Solaris 10 U7	Supported	Supported	Supported	N/A	N/A
Solaris 10 U8	Supported	Supported	Supported	N/A	N/A
Solaris 10 U9	Supported	Supported	Supported	N/A	N/A
Solaris 10 U10	Supported	Supported	Supported	Supported	N/A
Solaris 10 U11	Supported	Supported	Supported	Supported	N/A
Solaris 11	N/A	N/A	Supported	Supported	N/A
Solaris 11 U1	N/A	N/A	Supported	Supported	N/A
Solaris 11 U2	N/A	N/A	Supported	Supported	Supported
Solaris 11 U3	N/A	N/A	Not Supported	Supported	Supported

Hewlett Packard Unix (HP-UX)

Supported DBMS Version	Oracle 10g	Oracle	Oracle	Oracle	Oracle

	Supported OS Version		11gR1	11gR2	12cR1	12cR2
	HP-UX 11.31	Supported	Supported	Supported	Supported	Supported

Advanced Interactive eXecutive (AIX)

Supported DBMS Version	Supported OS Version	Oracle 10g	Oracle 11gR1	Oracle 11gR2	Oracle 12cR1	Oracle 12cR2
	AIX 5.3	Supported	Supported	Supported	N/A	N/A
	AIX 6.1	Supported	Supported	Supported	Supported	Not Supported
	AIX 7.1	N/A	N/A	Supported	Supported	Supported
	AIX 7.2	N/A	N/A	Supported	Supported	Supported

Delphix supports all 64-bit OS environments for source and target.

Required HP-UX patch for Target Servers

PHNE_37851 - resolves a known bug in HP-UX NFS client prior to HP-UX 11.31.

Supported SAP ASE Versions and Operating Systems

This topic describes supported operating systems and database versions for SAP ASE.

Supported Operating Systems and Database Versions for SAP ASE

Source and Target OS and DBMS Compatibility
 The source and target must be running the same DBMS/Operating System combination, (*although users can run different patch/sp levels*) in order to successfully provision a VDB to the target. For example, if the source is running SAP ASE 16, the target can be running ASE 16SP1. If the target is used as a staging server, the ASE version must match at the patch/sp level also. The Operating System platform must be the same between the source and target, even when the operating system version may differ. For example, if the source is running Red Hat Enterprise Linux 6.2 x86_64 then the target could be running Red Hat Enterprise Linux 6.4 x86_64, but not Solaris 10 SPARC.

64-bit OS support only

Red Hat Enterprise Linux (RHEL)

Supported DBMS Version		ASE 15.0.3	ASE 15.5	ASE 15.7	ASE 16*
Supported OS Version					
	RHEL 5.0	Supported	Supported	N/A	N/A
	RHEL 5.1	Supported	Supported	N/A	N/A
	RHEL 5.2	Supported	Supported	N/A	N/A
	RHEL 5.3	Supported	Supported	N/A	N/A
	RHEL 5.4	Supported	Supported	N/A	N/A
	RHEL 5.5	Supported	Supported	Supported	N/A
	RHEL 5.6	Supported	Supported	Supported	N/A
	RHEL 5.7	Supported	Supported	Supported	N/A
	RHEL 5.8	Supported	Supported	Supported	N/A

RHEL 5.9	Supported	Supported	Supported	N/A
RHEL 5.10	Supported	Supported	Supported	N/A
RHEL 5.11	Supported	Supported	Supported	N/A
RHEL 6.0	Not Supported	Not Supported	Not Supported	N/A
RHEL 6.1	Not Supported	Not Supported	Not Supported	Not Supported
RHEL 6.2	Supported	Supported	Supported	Not Supported
RHEL 6.3	Supported	Supported	Supported	Not Supported
RHEL 6.4	Supported	Supported	Supported	Not Supported
RHEL 6.5	Not Supported	Supported	Supported	Supported
RHEL 6.6	Not Supported	Supported	Supported	Supported
RHEL 6.7	Not Supported	Supported	Supported	Supported
RHEL 6.8	Not Supported	Supported	Supported	Supported
RHEL 6.9	Not Supported	Supported	Supported	Supported
RHEL 7.0	N/A	N/A	Supported	Supported
RHEL 7.1	N/A	N/A	Supported	Supported
RHEL 7.2	N/A	N/A	Supported	Supported
RHEL 7.3	N/A	N/A	Supported	Supported
RHEL 7.4	N/A	N/A	Supported	Supported

*ASE 16 SP02 PL05 and above is supported only on RHEL and only for Delphix versions 5.1.5 and above.

SUSE Linux Enterprise Server (SLES)

Supported DBMS Version		ASE 15.0.3	ASE 15.5	ASE 15.7	ASE 16
Supported OS Version					
SLES 11		Supported	Not Supported	Not Supported	Not Supported
SLES 11 SP1		Supported	Not Supported	Not Supported	Not Supported

SLES 11 SP2	Supported	Not Supported	Not Supported	Not Supported
SLES 11 SP3	Supported	Not Supported	Not Supported	Not Supported
SLES 11 SP4	Supported	Not Supported	Not Supported	Not Supported
SLES 12	Not Supported	Not Supported	Not Supported	Not Supported
SLES 12 SP1	Not Supported	Not Supported	Not Supported	Not Supported

Solaris Sparc

Supported DBMS Version		ASE 15.0.3	ASE 15.5	ASE 15.7	ASE 16
Supported OS Version					
Solaris 10	Supported	Supported	Supported	Supported	Not Supported
Solaris 10 U1	Supported	Supported	Supported	Supported	Not Supported
Solaris 10 U2	Supported	Supported	Supported	Supported	Not Supported
Solaris 10 U3	Supported	Supported	Supported	Supported	Not Supported
Solaris 10 U4	Supported	Supported	Supported	Supported	Not Supported
Solaris 10 U5	Supported	Supported	Supported	Supported	Not Supported
Solaris 10 U6	Supported	Supported	Supported	Supported	Not Supported
Solaris 10 U7	Supported	Supported	Supported	Supported	Not Supported
Solaris 10 U8	Supported	Supported	Supported	Supported	Not Supported
Solaris 10 U9	Supported	Supported	Supported	Supported	Not Supported
Solaris 10 U10	Supported	Supported	Supported	Supported	Not Supported
Solaris 10 U11	Supported	Supported	Supported	Supported	Not Supported
Solaris 11	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported
Solaris 11 U1	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported
Solaris 11 U2	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported
Solaris 11 U3	Not Supported	Not Supported	Supported	Not Supported	Not Supported

Solaris x86

Supported DBMS Version		ASE 15.0.3	ASE 15.5	ASE 15.7	ASE 16
Supported OS Version					
	Solaris 10	Supported	Supported	Supported	Not Supported
	Solaris 10 U1	Supported	Supported	Supported	Not Supported
	Solaris 10 U2	Supported	Supported	Supported	Not Supported
	Solaris 10 U3	Supported	Supported	Supported	Not Supported
	Solaris 10 U4	Supported	Supported	Supported	Not Supported
	Solaris 10 U5	Supported	Supported	Supported	Not Supported
	Solaris 10 U6	Supported	Supported	Supported	Not Supported
	Solaris 10 U7	Supported	Supported	Supported	Not Supported
	Solaris 10 U8	Supported	Supported	Supported	Not Supported
	Solaris 10 U9	Supported	Supported	Supported	Not Supported
	Solaris 10 U10	Supported	Supported	Supported	Not Supported
	Solaris 10 U11	N/A	N/A	Not Supported	Not Supported
	Solaris 11	N/A	N/A	Supported	Supported
	Solaris 11 U1	N/A	N/A	Supported	Supported
	Solaris 11 U2	N/A	N/A	Supported	Supported
	Solaris 11 U3	N/A	N/A	Supported	Supported

Hewlett Packard Unix (HP-UX)

Supported DBMS Version		ASE 15.0.3	ASE 15.5	ASE 15.7	ASE 16
Supported OS Version					
	HP-UX 11.31	Not Supported	Not Supported	Not Supported	Not Supported

Advanced Interactive eXecutive (AIX)

Supported DBMS Version		ASE 15.0.3	ASE 15.5	ASE 15.7	ASE 16
	Supported OS Version				
	AIX 6.1	Not Supported	Not Supported	Supported	Not Supported
	AIX 7.1	Not Supported	Not Supported	Supported	Not Supported
	AIX 7.2	Not Supported	Not Supported	Supported	Not Supported

Related Links

- [SAP ASE Support and Requirements](#)
- [Network and Connectivity Requirements for SAP ASE Environments](#)

Supported SQL Server Versions, Operating Systems, and Backup Software

Delphix only supports 64-bit operating systems.

Windows Server

Supported DBMS Version	SQL Server 2005	SQL Server 2008	SQL Server 2008 R2	SQL Server 2012	SQL Server 2014	SQL Server 2016	SQL Server 2017
Supported OS Version							
Win 2008	Supported	Supported	Supported	Supported	Supported	N/A	N/A
Win 2008 SP2	Supported	Supported	Supported	Supported	Supported	N/A	N/A
Win 2008 R2	Supported	Supported	Supported	Supported	Supported	N/A	N/A
Win 2008 R2 SP1	Supported	Supported	Supported	Supported	Supported	N/A	N/A
Win 2012	N/A	Supported	Supported	Supported	Supported	Supported	Supported in 5.2.3+
Win 2012 R2	N/A	Supported	Supported	Supported	Supported	Supported	Supported in 5.2.3+
Win 2016	N/A	N/A	N/A	Supported	Supported	Supported	Supported in 5.2.3+

Support Matrices

The following support matrices for Delphix Engines include support for new major versions of DB vendor as well as support across major OS versions. Additionally you will find the support matrix for the Delphix Masking Engine.

- [Oracle Support Matrix](#)
- [MS SQL Support Matrix](#)
- [SAP ASE Support Matrix](#)
- [DB2 Support Matrix](#)
- [Masking Data Source Support Matrix](#)
- [EBS Support Matrix](#)
- [HANA Support Matrix](#)

Oracle Support Matrix

- [Red Hat Enterprise Linux \(RHEL\)](#)
- [SUSE Linux Enterprise Server \(SLES\)](#)
- [Solaris SPARC](#)
- [Solaris x86](#)
- [Hewlett Packard Unix \(HP-UX\)](#)
- [Advanced Interactive eXecutive \(AIX\)](#)

Support applies to corresponding versions of Community Enterprise Operating System (CentOS) / Oracle Linux (OL).
 64-bit OS support only.

Red Hat Enterprise Linux (RHEL)

Supported DBMS Version		Oracle 10g	Oracle 11gR1	Oracle 11gR2	Oracle 12cR1	Oracle 12cR2
Supported OS Version						
RHEL 4.7	Supported	Supported	Supported	Supported	N/A	N/A
RHEL 4.8	Supported	Supported	Supported	Supported	N/A	N/A
RHEL 4.9	Supported	Supported	Supported	Supported	N/A	N/A
RHEL 5.0	Not Supported	Not Supported	Not Supported	N/A	N/A	N/A
RHEL 5.1	Not Supported	Not Supported	Not Supported	N/A	N/A	N/A
RHEL 5.2	Not Supported	Not Supported	Not Supported	Not Supported	N/A	N/A
RHEL 5.3	Supported	Supported	Supported	Supported	N/A	N/A
RHEL 5.4	Supported	Supported	Supported	Supported	N/A	N/A
RHEL 5.5	Supported	Supported	Supported	Supported	N/A	N/A
RHEL 5.6	Supported	Supported	Supported	Supported	Supported	N/A
RHEL 5.7	Supported	Supported	Supported	Supported	Supported	N/A

RHEL 5.8	Supported	Supported	Supported	Supported	N/A
RHEL 5.9	Supported	Supported	Supported	Supported	N/A
RHEL 5.10	Supported	Supported	Supported	Supported	N/A
RHEL 5.11	Supported	Supported	Supported	Supported	N/A
RHEL 6.0	N/A	N/A	Supported	Supported	N/A
RHEL 6.1	N/A	N/A	Supported	Supported	N/A
RHEL 6.2	N/A	N/A	Supported	Supported	N/A
RHEL 6.3	N/A	N/A	Supported	Supported	N/A
RHEL 6.4	N/A	N/A	Supported	Supported	Supported
RHEL 6.5	N/A	N/A	Supported	Supported	Supported
RHEL 6.6	N/A	N/A	Supported	Supported	Supported
RHEL 6.7	N/A	N/A	Supported	Supported	Supported
RHEL 6.8	N/A	N/A	Supported	Supported	Supported
RHEL 6.9	N/A	N/A	Supported	Supported	Supported
RHEL 7.0	N/A	N/A	Supported	Supported	Supported
RHEL 7.1	N/A	N/A	Supported	Supported	Supported
RHEL 7.2	N/A	N/A	Supported	Supported	Supported
RHEL 7.3	N/A	N/A	Supported	Supported	Supported
RHEL 7.4	N/A	N/A	Supported	Supported	Supported

SUSE Linux Enterprise Server (SLES)

Supported DBMS Version	Oracle 10g	Oracle 11gR1	Oracle 11gR2	Oracle 12cR1	Oracle 12cR2
Supported OS Version					
SLES 10	Supported	Supported	N/A	N/A	N/A
SLES 10 SP1	Supported	Supported	N/A	N/A	N/A

SLES 10 SP2	Supported	Supported	Supported	N/A	N/A
SLES 10 SP3	Supported	Supported	Supported	N/A	N/A
SLES 10 SP4	Not Supported	Not Supported	Not Supported	N/A	N/A
SLES 11	Supported	Supported	Supported	N/A	N/A
SLES 11 SP1	Supported	Supported	Supported	N/A	N/A
SLES 11 SP2	Supported	Supported	Supported	Supported	N/A
SLES 11 SP3	Supported	Supported	Supported	Supported	N/A
SLES 11 SP4	Not Supported	Not Supported	Supported	Supported	N/A
SLES 12	N/A	N/A	Supported	Supported	N/A
SLES 12 SP1	N/A	N/A	Supported	Supported	Supported
SLES 12 SP2	N/A	N/A	Supported	Supported	Supported

Solaris SPARC

Supported DBMS Version	Oracle 10g	Oracle 11gR1	Oracle 11gR2	Oracle 12cR1	Oracle 12cR2
Supported OS Version					
Solaris 10	Supported	Supported	N/A	N/A	N/A
Solaris 10 U1	Supported	Supported	N/A	N/A	N/A
Solaris 10 U2	Supported	Supported	N/A	N/A	N/A
Solaris 10 U3	Supported	Supported	N/A	N/A	N/A
Solaris 10 U4	Supported	Supported	N/A	N/A	N/A
Solaris 10 U5	Supported	Supported	N/A	N/A	N/A
Solaris 10 U6	Supported	Supported	Supported	N/A	N/A
Solaris 10 U7	Supported	Supported	Supported	N/A	N/A
Solaris 10 U8	Supported	Supported	Supported	N/A	N/A
Solaris 10 U9	Supported	Supported	Supported	N/A	N/A

Solaris 10 U10	Supported	Supported	Supported	Supported	N/A
Solaris 10 U11	Supported	Supported	Supported	Supported	N/A
Solaris 11	N/A	N/A	Supported	Supported	N/A
Solaris 11 U1	N/A	N/A	Supported	Supported	N/A
Solaris 11 U2	N/A	N/A	Supported	Supported	Supported in 5.2.3
Solaris 11 U3	N/A	N/A	Not Supported	Not Supported	Supported in 5.2.3

Solaris x86

Supported DBMS Version	Oracle 10g	Oracle 11gR1	Oracle 11gR2	Oracle 12cR1	Oracle 12cR2
Supported OS Version					
Solaris 10	Supported	Supported	N/A	N/A	N/A
Solaris 10 U1	Supported	Supported	N/A	N/A	N/A
Solaris 10 U2	Supported	Supported	N/A	N/A	N/A
Solaris 10 U3	Supported	Supported	N/A	N/A	N/A
Solaris 10 U4	Supported	Supported	N/A	N/A	N/A
Solaris 10 U5	Supported	Supported	N/A	N/A	N/A
Solaris 10 U6	Supported	Supported	Supported	N/A	N/A
Solaris 10 U7	Supported	Supported	Supported	N/A	N/A
Solaris 10 U8	Supported	Supported	Supported	N/A	N/A
Solaris 10 U9	Supported	Supported	Supported	N/A	N/A
Solaris 10 U10	Supported	Supported	Supported	Supported	N/A
Solaris 10 U11	Supported	Supported	Supported	Supported	N/A
Solaris 11	N/A	N/A	Supported	Supported	N/A
Solaris 11 U1	N/A	N/A	Supported	Supported	N/A

Solaris 11 U2	N/A	N/A	Supported	Supported	Supported
Solaris 11 U3	N/A	N/A	Not Supported	Supported	Supported

Hewlett Packard Unix (HP-UX)

Supported DBMS Version	Oracle 10g	Oracle 11gR1	Oracle 11gR2	Oracle 12cR1	Oracle 12cR2
Supported OS Version					
HP-UX 11.31	Supported	Supported	Supported	Supported	Supported

Advanced Interactive eXecutive (AIX)

Supported DBMS Version	Oracle 10g	Oracle 11gR1	Oracle 11gR2	Oracle 12cR1	Oracle 12cR2
Supported OS Version					
AIX 5.3	Supported	Supported	Supported	N/A	N/A
AIX 6.1	Supported	Supported	Supported	Supported	Not Supported
AIX 7.1	N/A	N/A	Supported	Supported	Supported
AIX 7.2	N/A	N/A	Supported	Supported	Supported

MS SQL Support Matrix

- [Windows Server](#)

Delphix only supports 64-bit operating systems.

Windows Server

Supported DBMS Version	SQL Server 2005	SQL Server 2008	SQL Server 2008 R2	SQL Server 2012	SQL Server 2014	SQL Server 2016	SQL Server 2017
Supported OS Version							
Win 2008	Supported	Supported	Supported	Supported	Supported	N/A	N/A
Win 2008 SP2	Supported	Supported	Supported	Supported	Supported	N/A	N/A
Win 2008 R2	Supported	Supported	Supported	Supported	Supported	N/A	N/A
Win 2008 R2 SP1	Supported	Supported	Supported	Supported	Supported	N/A	N/A
Win 2012	N/A	Supported	Supported	Supported	Supported	Supported	Supported in 5.2.3+
Win 2012 R2	N/A	Supported	Supported	Supported	Supported	Supported	Supported in 5.2.3+
Win 2016	N/A	N/A	N/A	Supported	Supported	Supported	Supported in 5.2.3+

SAP ASE Support Matrix

- [Red Hat Enterprise Linux \(RHEL\)](#)
- [SUSE Linux Enterprise Server \(SLES\)](#)
- [Solaris Sparc](#)
- [Solaris x86](#)
- [Hewlett Packard Unix \(HP-UX\)](#)
- [Advanced Interactive eXecutive \(AIX\)](#)

64-bit OS support only

Red Hat Enterprise Linux (RHEL)

Supported DBMS Version		ASE 15.0.3	ASE 15.5	ASE 15.7	ASE 16*
Supported OS Version					
RHEL 5.0	Supported	Supported	Supported	N/A	N/A
RHEL 5.1	Supported	Supported	Supported	N/A	N/A
RHEL 5.2	Supported	Supported	Supported	N/A	N/A
RHEL 5.3	Supported	Supported	Supported	N/A	N/A
RHEL 5.4	Supported	Supported	Supported	N/A	N/A
RHEL 5.5	Supported	Supported	Supported	Supported	N/A
RHEL 5.6	Supported	Supported	Supported	Supported	N/A
RHEL 5.7	Supported	Supported	Supported	Supported	N/A
RHEL 5.8	Supported	Supported	Supported	Supported	N/A
RHEL 5.9	Supported	Supported	Supported	Supported	N/A
RHEL 5.10	Supported	Supported	Supported	Supported	N/A
RHEL 5.11	Supported	Supported	Supported	Supported	N/A
RHEL 6.0	Not Supported	Not Supported	Not Supported	Not Supported	N/A
RHEL 6.1	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported
RHEL 6.2	Supported	Supported	Supported	Supported	Not Supported

RHEL 6.3	Supported	Supported	Supported	Not Supported
RHEL 6.4	Supported	Supported	Supported	Not Supported
RHEL 6.5	Not Supported	Supported	Supported	Supported
RHEL 6.6	Not Supported	Supported	Supported	Supported
RHEL 6.7	Not Supported	Supported	Supported	Supported
RHEL 6.8	Not Supported	Supported	Supported	Supported
RHEL 6.9	Not Supported	Supported	Supported	Supported
RHEL 7.0	N/A	N/A	Supported	Supported
RHEL 7.1	N/A	N/A	Supported	Supported
RHEL 7.2	N/A	N/A	Supported	Supported
RHEL 7.3	N/A	N/A	Supported	Supported
RHEL 7.4	N/A	N/A	Supported	Supported

*ASE 16 SP02 PL05 and above is supported only on RHEL and only for Delphix versions 5.1.5 and above.

SUSE Linux Enterprise Server (SLES)

Supported DBMS Version	ASE 15.0.3	ASE 15.5	ASE 15.7	ASE 16
Supported OS Version				
SLES 11	Supported	Not Supported	Not Supported	Not Supported
SLES 11 SP1	Supported	Not Supported	Not Supported	Not Supported
SLES 11 SP2	Supported	Not Supported	Not Supported	Not Supported
SLES 11 SP3	Supported	Not Supported	Not Supported	Not Supported
SLES 11 SP4	Supported	Not Supported	Not Supported	Not Supported
SLES 12	Not Supported	Not Supported	Not Supported	Not Supported
SLES 12 SP1	Not Supported	Not Supported	Not Supported	Not Supported

Solaris Sparc

Supported DBMS Version		ASE 15.0.3	ASE 15.5	ASE 15.7	ASE 16
Supported OS Version					
	Solaris 10	Supported	Supported	Supported	Not Supported
	Solaris 10 U1	Supported	Supported	Supported	Not Supported
	Solaris 10 U2	Supported	Supported	Supported	Not Supported
	Solaris 10 U3	Supported	Supported	Supported	Not Supported
	Solaris 10 U4	Supported	Supported	Supported	Not Supported
	Solaris 10 U5	Supported	Supported	Supported	Not Supported
	Solaris 10 U6	Supported	Supported	Supported	Not Supported
	Solaris 10 U7	Supported	Supported	Supported	Not Supported
	Solaris 10 U8	Supported	Supported	Supported	Not Supported
	Solaris 10 U9	Supported	Supported	Supported	Not Supported
	Solaris 10 U10	Supported	Supported	Supported	Not Supported
	Solaris 10 U11	Supported	Supported	Supported	Not Supported
	Solaris 11	Not Supported	Not Supported	Not Supported	Not Supported
	Solaris 11 U1	Not Supported	Not Supported	Not Supported	Not Supported
	Solaris 11 U2	Not Supported	Not Supported	Not Supported	Not Supported
	Solaris 11 U3	Not Supported	Not Supported	Supported	Not Supported

Solaris x86

Supported DBMS Version		ASE 15.0.3	ASE 15.5	ASE 15.7	ASE 16
Supported OS Version					
	Solaris 10	Supported	Supported	Supported	Not Supported
	Solaris 10 U1	Supported	Supported	Supported	Not Supported

Solaris 10 U2	Supported	Supported	Supported	Not Supported
Solaris 10 U3	Supported	Supported	Supported	Not Supported
Solaris 10 U4	Supported	Supported	Supported	Not Supported
Solaris 10 U5	Supported	Supported	Supported	Not Supported
Solaris 10 U6	Supported	Supported	Supported	Not Supported
Solaris 10 U7	Supported	Supported	Supported	Not Supported
Solaris 10 U8	Supported	Supported	Supported	Not Supported
Solaris 10 U9	Supported	Supported	Supported	Not Supported
Solaris 10 U10	Supported	Supported	Supported	Not Supported
Solaris 10 U11	N/A	N/A	Not Supported	Not Supported
Solaris 11	N/A	N/A	Supported	Supported
Solaris 11 U1	N/A	N/A	Supported	Supported
Solaris 11 U2	N/A	N/A	Supported	Supported
Solaris 11 U3	N/A	N/A	Supported	Supported

Hewlett Packard Unix (HP-UX)

Supported DBMS Version	ASE 15.0.3	ASE 15.5	ASE 15.7	ASE 16
Supported OS Version				
HP-UX 11.31	Not Supported	Not Supported	Not Supported	Not Supported

Advanced Interactive eXecutive (AIX)

Supported DBMS Version	ASE 15.0.3	ASE 15.5	ASE 15.7	ASE 16
Supported OS Version				
AIX 6.1	Not Supported	Not Supported	Supported	Not Supported

AIX 7.1	Not Supported	Not Supported	Supported	Not Supported
AIX 7.2	Not Supported	Not Supported	Supported	Not Supported

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	Not Supported
RHEL 6.1	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported
RHEL 6.2	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported
RHEL 6.3	Not Supported	Not Supported	Not Supported	Not Supported	Not Supported
RHEL 6.4	Supported	Supported	Not Supported	Not Supported	Not Supported
RHEL 6.5	Supported	Supported	Not Supported	Not Supported	Not Supported
RHEL 6.6	Supported	Supported	Not Supported	Not Supported	Not Supported
RHEL 6.7	Supported	Supported	Supported	Supported	Supported
RHEL 6.8	Supported	Supported	Supported	Supported	Supported
RHEL 6.9	Supported	Supported	Supported	Supported	Supported
RHEL 7.0	Supported	Supported	Supported	Supported	Supported
RHEL 7.1	Supported	Supported	Supported	Supported	Supported
RHEL 7.2	Supported	Supported	Supported	Supported	Supported
RHEL 7.3	Supported	Supported	Supported	Supported	Supported
RHEL 7.4	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
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

Masking Data Source Support Matrix

Data Source Type	Data Sources	Version	Linux	Unix	Windows	* z/OS and iSeries are considered Premium Connectors and require an additional license. All other data sources are considered Standard Connectors.
Distributed Databases	DB2 UDB	9.1	Supported	Supported	Supported	
		9.5	Supported	Supported	Supported	
		9.7	Supported	Supported	Supported	
		9.8	Supported	Supported	Supported	
		10.1	Supported	Supported	Supported	
		10.5	Supported	Supported	Supported	
		11.1	Supported	Supported	Supported	
	Oracle	10g	Supported	Supported	Supported	
		11gR1	Supported	Supported	Supported	
		11gR2	Supported	Supported	Supported	
		12c	Supported	Supported	Supported	
		12cR2	Not Supported	Not Supported	Not Supported	
	MS SQL Server	2005	N/A	N/A	Supported	
		2008	N/A	N/A	Supported	
		2008 R2	N/A	N/A	Supported	
		2012	N/A	N/A	Supported	
		2014	N/A	N/A	Supported	
		2016	Supported	N/A	Supported	
	MySQL	5.5	Supported	Supported	Supported	
		5.6	Supported	Supported	Supported	
		5.7	Supported	Supported	Supported	
	SAP ASE (Sybase)	12.5	Supported	Supported	Supported	
		15.03	Supported	Supported	Supported	
15.5		Supported	Supported	Supported		

		15.7	Supported	Supported	Supported
		16	Supported	Supported	Supported
	PostgreSQL	9.2	Supported	Supported	Supported
		9.3	Supported	Supported	Supported
		9.4	Supported	Supported	Supported
		9.5	Supported	Supported	Supported
	Maria DB	10	Supported*	Supported	Supported

Data Source Type	Data Sources	Version	z/OS	i-Series
Mainframe	DB2	7.1	N/A	Supported*
		7.2	N/A	Supported*
		7.3	N/A	Supported*
		9	Supported*	N/A
		10	Supported*	N/A
		11	Supported*	N/A
	VSAM		Supported*	N/A

Data Source Type	Data Sources	Version	Support Level
PaaS Databases	AWS RDS Oracle	11.2.04	Supported

Data Source Type	Data Sources	Support Level
Files	Excel (.xls & .xlsx)	Supported
	Fixed Width	Supported
	Delimited	Supported
	XML	Supported

EBS Support Matrix

- Support applies to corresponding versions of Community Enterprise Operating System (CentOS) / Oracle Linux (OL)
- 64-bit OS support only

Red Hat Enterprise Linux (RHEL)

Supported EBS Apps version		Oracle EBS 12.1	Oracle EBS 12.2
Supported OS Version			
RHEL 4.7	Supported	N/A	
RHEL 4.8	Supported	N/A	
RHEL 4.9	Supported	N/A	
RHEL 5.0	N/A	N/A	
RHEL 5.1	Supported	N/A	
RHEL 5.2	Supported	N/A	
RHEL 5.3	Supported	N/A	
RHEL 5.4	Supported	N/A	
RHEL 5.5	Supported	Supported	
RHEL 5.6	Supported	Supported	
RHEL 5.7	Supported	Supported	
RHEL 5.8	Supported	Supported	
RHEL 5.9	Supported	Supported	
RHEL 5.10	Supported	Supported	
RHEL 5.11	Supported	Supported	
RHEL 6.0	Supported	N/A	
RHEL 6.1	Supported	Supported	
RHEL 6.2	Supported	Supported	
RHEL 6.3	Supported	Supported	

RHEL 6.4	Supported	Supported
RHEL 6.5	Supported	Supported
RHEL 6.6	Supported	Supported
RHEL 6.7	Supported	Supported
RHEL 6.8	Supported	Supported
RHEL 6.9	Not Supported	Not Supported
RHEL 7.0	Supported	Supported
RHEL 7.1	Supported	Supported
RHEL 7.2	Supported	Supported
RHEL 7.3	Not Supported	Not Supported

Reference

Oracle E-Business Suite Installation and Upgrade Notes Release 12 (12.1.1) for Linux x86-64 (Doc ID 761566.1)

Oracle E-Business Suite Installation and Upgrade Notes Release 12 (12.2) for Linux x86-64 (Doc ID 1330701.1)

SUSE Linux Enterprise Server (SLES)

Supported EBS Apps version	Oracle EBS 12.1	Oracle EBS 12.2
Supported OS Version		
SLES 10	Supported	N/A
SLES 10 SP1	Supported	N/A
SLES 10 SP2	Supported	Supported
SLES 10 SP3	Supported	Supported
SLES 10 SP	Supported	Supported
SLES 11	N/A	N/A
SLES 11 SP1	N/A	N/A
SLES 11 SP2	Supported	Supported

SLES 11 SP3	Supported	Supported
SLES 11 SP4	Supported	Supported
SLES 12	N/A	Not Supported
SLES 12 SP1	N/A	Not Supported
SLES 12 SP2	N/A	Not Supported

Reference

Oracle E-Business Suite Installation and Upgrade Notes Release 12 (12.1.1) for Linux x86-64 (Doc ID 761566.1)

Oracle E-Business Suite Installation and Upgrade Notes Release 12 (12.2) for Linux x86-64 (Doc ID 1330701.1)

Solaris SPARC (x86 and SPARC)

Supported DBMS Version		Oracle EBS 12.1	Oracle EBS 12.2
Supported OS Version			
Solaris 10 U6	Supported	N/A	
Solaris 10 U7	Supported	N/A	
Solaris 10 U8	Supported	N/A	
Solaris 10 U9	Supported	Supported	
Solaris 10 U10	Supported	Supported	
Solaris10 U11	Supported	Supported	
Solaris 10 U12	Supported	Supported	
Solaris 10 U13	Not Supported	Not Supported	
Solaris 11	Supported	Supported	
Solaris 11 U1	Supported	Supported	
Solaris 11 U2	Supported	Supported	
Solaris 11 U3	Not Supported	Not Supported	

Reference

R12.1.1 : Oracle E-Business Suite Installation and Upgrade Notes Release 12 (12.1.1) for Oracle Solaris on SPARC (64-bit) (Doc ID 761568.1)

Oracle E-Business Suite Installation and Upgrade Notes Release 12 (12.2) for Oracle Solaris on SPARC (64-bit) (Doc ID 1330702.1)

Advanced Interactive eXecutive (AIX)

Supported EBS Apps version	Oracle EBS 12.1	Oracle EBS 12.2
Supported OS Version		
AIX 7.1	Supported in 5.1.7+ (single-node only)	Not Supported

Unsupported EBS Features

- V2P

HANA Support Matrix

Supported Operating Systems

- 64-bit OS support only
- Support for x86-based systems only

Red Hat Enterprise Linux (RHEL)

Supported DBMS Version		HANA 1.0 SPS12
Supported OS Version		
	RHEL 6.7	Supported
	RHEL 7.2	Supported
	RHEL 7.3	Supported

SUSE Linux Enterprise Server (SLES)

Supported DBMS Version		HANA 1.0 SPS12
Supported OS Version		
	SLES 11.4	Supported

Delphix Engine Toolkit Compatibility

Delphix Engine Version	HANA_1.0.0
5.1.0	No
5.1.1	No
5.1.2	No
5.1.3	No
5.1.4	No
5.1.5	No

5.1.6	No
5.1.7	No
5.1.8	Yes

Fixed Issues

- [Release 5.2.3.0 Changes](#)
 - [Management Server Fixes](#)
 - [Masking Fixes](#)
 - [Delphix OS Fixes](#)
- [Release 5.2.2.1 Changes](#)
 - [Management Server Fixes](#)

Release 5.2.3.0 Changes

Management Server Fixes

Bug Number	Description
DLPX-56438	Provisioning to environments with no discovered or manually added listeners failed.
DLPX-56583	Regex enforcing JDBC strings on upgrade should not be case-sensitive regarding the prefix jdbc:oracle:thin:@.
DLPX-56696	System user can be configured as an LDAP user from system setup.
DLPX-56810	The User screen UI did not have a scroll bar.
DLPX-56813	On a masked VDB configured Clone hooks could not be deleted.
DLPX-56816	Updated Java library for the toolkits to the latest stable version.
DLPX-56870	Updated version of JRE in Windows Connector 1.0.
DLPX-56927	Able to mask VDB from the UI.
DLPX-56928	Masking job selected in Configuration tab of the Provision VDB UI was not applied if submitting from that tab.
DLPX-56991	Setting 'Data Operator' and 'Reader' privileges via UI failed after upgrade to 5.2.2.0.
DLPX-57002	Management service crashed when loading the Dataset Performance screen.
DLPX-57024	Disk expand checkboxes disabled despite expandable space.

Masking Fixes

Bug Number	Description
DLPX-55768	Add support for special characters in the database schema name.

DLPX-56096	Support special characters in an SFTP connector password.
DLPX-56258	Support large numeric values with the secure shuffle algorithm.
DLPX-56259	Prevent the secure shuffle algorithm from being used with file or mainframe masking jobs.
DLPX-56276	Display a date format input when the date shift algorithm is selected in the Masking Job Wizard.
DLPX-56332	Display a date format input when the min/max algorithm is selected in the Masking Job Wizard.
DLPX-56333	Add support for setting a min/max algorithm's date format in the Masking v5 API.
DLPX-56454	Fix an issue with the secure shuffle algorithm's support for certain Oracle NUMBER datatype sizes.
DLPX-56484	Add support for ' (single quote) characters in a rule set's filter (where clause).
DLPX-56580	The Jackson library is vulnerable to CVE-2017-15095 prior to version 2.9.0.pr3. While Delphix believes the masking engine is not susceptible to this vulnerability, we have upgrading the version of Jackson used to version 2.9.2.
DLPX-56886	Fix an issue that can cause upgrades to fail when the Masking Engine has rule sets with many columns and limited memory.
DLPX-56911	Improve the performance of updating and deleting large rule sets.

Delphix OS Fixes

Bug Number	Description
DLPX-56697	This fix allows LDAP users to log into the Delphix Engine's command-line interface (CLI) when challenge-response support authentication (CRA) is enabled.

Release 5.2.2.1 Changes

Management Server Fixes

Bug Number	Description
DLPX-56437	VDB disable/enable fails post upgrade if mount and umount commands are not in path on staging and/or target machine for environment user.

Known Issues

The following issues are known to exist in this release:

Release 5.2.3

N/A

Release 5.2

Management Server

Key	Summary	Workaround
DLPX-49081	Adding a duplicate JDBC connection string can cause a management stack error when validating database credentials.	Delete the duplicate JDBC connection string.
DLPX-49514	If an attachsource job fails, in the policy page on the GUI change the policy to another policy (make a temp one if required) then set it back again to the original policy.	<ol style="list-style-type: none"> 1. Login to the Delphix Management application. 2. Select Manage > Policies. 3. Change the policy to another policy (or make a temporary one if required). 4. Reset the policy back again to the original policy.
DLPX-49929	Cancelling a VDB provision or refresh job may leave behind Oracle background processes and cause errors for subsequent jobs for VDBs using the same Oracle SID.	Kill any Oracle background processes on the target system that are using the same Oracle SID.
DLPX-50054	Case mismatch between Oracle database SID and static listener SID list prevents automatic creation of database connection string.	<ol style="list-style-type: none"> 1. Manually add connection string, or modify the static listener SID to match case with database SID. 2. Refresh the environment.
DLPX-50633	Hooks and other customer supplied scripts should avoid writing excessive amounts of output, as the output can cause later queries for job information to run out of memory.	None

DLPX-50721	It is not possible to perform VDB migration unless the VDB has at least one snapshot	Take a snapshot of the VDB before migration
DLPX-50864	Oracle standby databases may occasionally shift datafiles into the RECOVER state temporarily during normal operations which will cause provisioning to fail.	Take a new snapshot.
DLPX-51558	Customer scripts should avoid starting operations on the same VDB that the script is running on.	None
DLPX-51648	Provision a VDB to a target host with a bad listener results in successful provisioning, but with wrong online redo log size, if user specifies customized online redo log size for their VDB.	None
DLPX-51779	SSH algorithm "diffie-hellman-group-exchange-sha256" is not currently supported.	None
DLPX-52055	Using SCAN names or IP addresses to discover an Oracle cluster causes discovery to fail with "The host .. is already managed by this Delphix Engine".	Supply a node name or node IP address for cluster discovery.
DLPX-52904	After initial server setup, Default Snapshot/Snapsync policies are always in "US/Pacific", regardless of the timezone selected during initial Engine Setup. An admin has to manually change the time zone.	None
DLPX-53019	Delphix Engine may incorrectly report Oracle redo log files as inaccessible on AIX machines when they are not.	These faults can be programmatically ignored using the ignore fault UI

DLPX-53463	Upgrade does not remove cluster resource dependencies for SQL Server Clustered VDBs and can result in the cluster service going down post-upgrade. This can be worked around by disabling clustered VDBs before the upgrade and enabling them after.	None
DLPX-53688	Refreshing "All Environments" can remove nodes of a Windows failover cluster if individual nodes cannot be refreshed.	Re-run discovery when all nodes are available.
DLPX-53996	The Delphix Engine does not provide instructions to browsers to avoid caching HTTP responses (pages).	None
DLPX-54050	The session cookie (JSESSIONID=<VALUE>) is persistent before and after login.	None
DLPX-54302	For Oracle Grid upgrade scenarios, customers can modify the cluster home location but cannot change the cluster version.	With the management stack shut down, Delphix support personnel can change the cluster version in MDS.
DLPX-54897	Delphix Engine may post no SCAN names found faults when the Delphix OS user's LANG environment variable set to a non-english value.	These faults can be programmatically ignored using the ignore fault UI.
DLPX-55029	Delphix may post faults against Oracle homes that are present in the oracle inventory file but are marked as removed.	These faults can be programmatically ignored using the ignore fault UI
DLPX-55122	LiveSource APPLY RESYNC takes too long to 'dd' datafiles for large dSource	Discard the LiveSource RESYNC. Convert the LiveSource to a dSource, then convert the dSource to a new LiveSource.

DLPX-55459	When performing a CLI or API provision/refresh, the Location parameter must be explicitly set when using TimeflowPointLocation.	<p>In the CLI, either use the defaults command to set initial values when provisioning or refreshing, or explicitly set timeflowPointParameters.location to LATEST_POINT or LATEST_SNAPSHOT.</p> <p>In API calls, explicitly set timeflowPointParameters.location to LATEST_POINT or LATEST_SNAPSHOT.</p>
DLPX-55651	Delphix periodically (once every 12 hours) checks for sysdba and sysbackup access on all known Oracle homes using a stand-in SID. By default (if audit_sys_operations is true) this will create in entries in the audit file.	None
DLPX-55677	Datafiles backups created by RMAN due to a SnapSync are marked as Unavailable, however the backup of the controlfile is not marked unavailable. Avoid using the Delphix controlfile backups.	<p>Mark the backup of the controlfile taken by Delphix as unavailable:</p> <pre>RMAN> change backup of controlfile tag '<Delphix tag>' unavailable;</pre> <p>For example:</p> <pre>change backup of controlfile tag 'DLPX2017111721493689966A19FE27' unavailable;</pre> <p>The 'Delphix tag' can be obtained from the command:</p> <pre>RMAN> list backup of controlfile summary;</pre>
DLPX-55782	If the toolkit directory for a staging environment is greater than ~43 characters, VDBs will not be able to be provisioned from the snapshots.	Use a shorter toolkit directory path and re-sync'ing the dSource.
DLPX-55814	Replication fails for timeflows with no snapshots	Take a snapshot on the affected VDB and attempt the replication again.

DLPX-55817	When configuring Serviceability from the Setup application, only a single email address may be used for testing SMTP validation. Attempting a comma separated list of email addresses will fail.	None
DLPX-55829	Validated Sync can fail when monitoring ASE backup servers started by using the \$DSSLISTEN environment variable instead of the "-S" argument. This can be worked around by accessing \$DSSLISTEN in the RUN_XXXXX script and pass it down as -S.	Access \$DSSLISTEN in the RUN_XXXXX script and pass it down as -S.
DLPX-55863	Environment discover does not update the version string for manually added ASE instances, which can cause sync failures due to a version mismatch with staging during a sync. This can be worked around by manually updating the version using the CLI.	None
DLPX-55936	Unable to migrate SQL VDB between two Target Clusters from the UI	Use the CLI for migration
DLPX-56081	SQL Server dSource enable fails after a force disable.	Manually drop the staging database using SSMS from the staging SQL Server instance and retrying the enable.
DLPX-56082	SQL Server VDB Refresh after a force disable can fail.	Remove the database from the SQL Server instance using SSMS and re-running the refresh.
DLPX-56271	Provisioning to environments with no discovered or manually added listeners will fail.	<p>If listeners are intended to exist on the Target Environment, start the listener and refresh the environment, or manually add the desired listener.</p> <p>If no listeners should be on the target environment, go to the Environments page and manually edit and append a new placeholder listener.</p>

Masking

Key	Summary	Workaround
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DLPX-48478	The disable constraints feature disables all constraints, not just the ones for masked columns.	None
DLPX-49184	Custom Algorithms that log excessively may cause out of memory errors.	None
DLPX-50028	Users need to purge their browser cache after upgrading the Delphix Masking Engine otherwise, the UI may not render correctly.	Manually clear the cache.
DLPX-50029	Prescripts and postscripts to masking jobs may fail if the script includes a byte-order mark (BOM) character.	On Windows, when using a text editor (like Notepad or Notepad++) Save and use an encoding without BOM (Byte Order Mark). The default encoding ANSI should do that - others are available and more advanced editors enable the exclusion of BOM. This applies to "Save as" as well. This avoids inserting a leading BOM character.
DLPX-50837	Masked provisioning jobs that require more than 240 minutes to execute should be called from a hook script that implements API session re-authentication.	Use a hook script.
DLPX-50877	The "Drop Index" option on a Masking job does not support Oracle composite or functional indices.	None
DLPX-52357	Auto-generated connectors remain after unsuccessful masking job. This is expected behavior and allows failed connections to be inspected. These auto-generated connectors may be deleted after an unsuccessful job.	<p>Delete unwanted connectors through the GUI or the Delphix Masking Engine's V5 REST API (see API process below). The API can be used to automate the deletion.</p> <pre> List all connectors For each connector If the connector's name matches the pattern for an autogenerated connector name delete the connector </pre>

DLPX-52606	Logical key specification, filters or custom SQL statements that include CR (Carriage Return,ASCII 13, \r) LF (Line Feed, ASCII 10, \n) characters may make it impossible to edit a masking rule set.	CR LF characters should not be used in these fields.
DLPX-56222	The secure shuffle algorithm should not be used with on-the-fly (OTF) jobs.	Evaluate using a different algorithm, such as secure lookup, segment mapping, or mapping.

DelphixOS

Key	Summary	Workaround
DLPX-55614	SQL Server VDB on failover cluster may go into suspect mode during periods of high load.	None

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