



HPE Data Protector 8.10 3PAR Support Matrix

Version: 1.9

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Data Protector Volume Shadow Copy Service (VSS) integration agent provides support for backup of data available in HPE 3PAR Storage systems. Instant Recovery for the backups taken through Data Protector VSS integration agent is supported by using Data Protector SMIS agent.

Please refer to HPE Data Protector 8.10 VSS Integration Support Matrix for the supported Windows Server versions and the required Windows Server Service Packs (SPs), Hot Fixes for different Windows Server versions and supported VSS Writers

For the list of supported HPE 3PAR Storage Systems, please, refer to the HPE 3PAR support matrix.

HPE Data Protector components running in combination with application versions and operating system versions, which are not supported by the respective vendors, are limited to the best effort support from HPE. At any time, HPE can decide to remove those combinations from the support matrix.

What's New

There are no updates for this version.

Table 1: HPE 3PAR Storage Systems and SMIS integration

HPE 3PAR Storage Systems and SMIS integration ¹				
InForm OS	Operating System			
	HPUX IA	HPUX PARISC	Windows Server	Linux
	11.31	11.31	2008, 2008 R2, 2012, 2012 R2	SLES 10, 11, RHEL 6.3, RHEL 6.4
3.1.2	Supported	Not-supported	Supported	Supported
3.1.3	Not supported	Not-supported	Not-supported	Not-supported
3.2.1	Not supported	Not-supported	Supported ²	Not-supported

1 ZDB and IR are not supported for the LUNs that are exported as part of volume set.

2 Supported on Windows Server 2012 R2 only.

Supported volume managers					
Operating system	Volume manager				
	LVM	LVM 2	LVM 2.1	VxVM	Disk manager
HP-UX	supported	supported	supported	supported	n/a
Sun Solaris	n/a	n/a	n/a	not-supported	n/a
Windows	n/a	n/a	n/a	not supported	not-supported
Linux	not-supported	supported ¹	not supported	not supported	n/a

1 Only LVM2 2.02 is supported.

Table 2: Supported configurations – HP-UX on PA-RISC

Supported configurations – HP-UX on PA-RISC			
Integration on HP-UX, 11.31 ¹	Single-host Local Copy	Dual-host Local Copy	Remote Copy
Raw disk	not-supported	not-supported	not supported
Raw logical volume	not-supported	not-supported	not supported
File system	not-supported	not-supported	not supported
Oracle 11g RMAN offline or online ^{2,3}	not-supported	not-supported	not supported
SAP BR*Tools 7.2 offline or online ⁴	not supported	not-supported	not supported

Table 3: Supported configurations – HP-UX on Itanium

Supported configurations – HP-UX on Itanium			
Integration on HP-UX 11.31 ¹	Single-host Local Copy	Dual-host Local Copy	Remote Copy
Raw disk	ZDB with IR	ZDB with IR	not supported
Raw logical volume	ZDB with IR	ZDB with IR	not supported
File system ⁵	ZDB with IR	ZDB with IR	not supported
Oracle 11g RMAN offline or online ^{2,3}	ZDB with IR	ZDB with IR	not supported
SAP BR*Tools 7.2 offline or online ⁴	not supported	ZDB with IR	not supported

1 For HP-UX 11.31, new device special files (DSF) are supported for LVM only.

2 Oracle ASM is supported with InForm OS 3.1.2 MU2 and newer.

3 Oracle 11g includes all released versions of 11g and 11gR2

4 The integration is implemented using “backint” functionality.

5 HFS is not supported

Table 4: Supported configurations – Windows 64-bit (x64)

Supported configurations – Windows 64-bit (x64) ⁶				
Integration	Windows version	Single-host Local Copy	Dual-host Local Copy	Remote Copy
Raw disk	2008, 2008 R2, 2012, 2012 R2	ZDB with IR	ZDB with IR	not supported
NTFS file system	2008, 2008 R2, 2012, 2012 R2	ZDB with IR	ZDB with IR	not supported
Microsoft Exchange Server 2007 ³	2008, 2008 R2, 2012	-	-	not supported
Microsoft Exchange Server 2010 ³	2008, 2008 R2, 2012	-	-	not supported
Microsoft Exchange Server 2013 ³	2008, 2008 R2, 2012, 2012 R2	-	-	not supported
Microsoft SQL Server 2008 R2	2008, 2008 R2, 2012	not supported	ZDB with IR	not supported
Microsoft SQL Server 2012	2008, 2008 R2, 2012	not supported	ZDB with IR	not supported
Microsoft SQL Server 2012 R2	2008, 2008 R2, 2012, 2012 R2	not supported	not supported	not supported
Microsoft SQL Server 2014	2012, 2012 R2	not supported	ZDB with IR	not supported
Oracle 11g RMAN offline or online ^{2,4} Oracle 12c RMAN offline or online ²	2008, 2008 R2, 2012, 2012 R2	ZDB with IR	ZDB with IR	not supported
SAP BR*Tools 7.2 offline or online ⁵	2008, 2008 R2, 2012	not supported	ZDB with IR	not supported

1 Following Windows hotfixes are required for Windows Server 2008 support: KB952790, KB971254

2 Oracle ASM is supported with InForm OS 3.1.2 MU2 and newer.

3 Microsoft Exchange Server ZDB and IR backups are supported using VSS. For details such as supported array types, writer GUID etc. refer to HPE Data Protector 8.10 VSS Integration Support Matrix.

4 Oracle 11g includes all released versions of 11g and 11gR2: 11.x.x.

- 5 The integration is implemented using “backint” functionality.
- 6 GPT partitions are not supported.

Table 5: Supported configurations – Linux (x64)

Supported configurations – Linux (x64)				
	RHEL ¹ / SLES versions	Single-host Local Copy	Dual-host Local Copy	Remote Copy
Raw Disk	RHEL 6.2, 6.3, 6.4 SLES 10, 11 OEL 5.x, 6.2, 6.3, 6.4	not supported	ZDB with IR	not supported
Raw Logical Volume	RHEL 5.x, 6.2, 6.3 SLES 10, 11 OEL 5.x, 6.2, 6.3, 6.4	not supported	ZDB with IR	not supported
File System	RHEL 5.x, 6.2, 6.3, 6.4 SLES 10, 11 OEL 5.x, 6.2, 6.3, 6.4	not supported	ZDB with IR	not supported
Oracle 11g RMAN offline or online ^{2,3}	RHEL 5.x, 6.3, 6.4 SLES 10, 11 OEL 5.x	not supported	ZDB with IR	not supported
SAP BR*Tools 7.2 offline or online ⁵	RHEL 5.x, 6.3, 6.4 SLES 10, 11 OEL 5.x, 6.3	not supported	ZDB with IR	not supported

- 1 Includes support for Red Hat Enterprise Linux Advanced Workstation and Enterprise Server if applicable.
- 2 When performing Data Replication enabled backups, ensure that only one SMI-S provider manages the arrays involved.
- 3 Oracle 11g includes all released versions of 11g and 11gR2: 11.x.x.
- 4 Oracle ASM is supported with InForm OS 3.1.2 MU2 and newer.
- 5 The integration is implemented using the “backint” functionality.

Table 6: Supported HPE 3PAR Recovery Manager

Supported HPE 3PAR Recovery Manager
3PAR Recovery Manager for Microsoft Exchange Server
3PAR Recovery Manager for Microsoft SQL Server
3PAR Recovery Manager for Oracle

Data Protector supports HPE 3PAR Recovery Manager for Microsoft SQL Server and Microsoft Exchange. Please refer to the HPE [3PAR Recovery Manager link](#) for the versions of the supported Applications’ versions and the supported Operating Systems versions.