Hewlett Packard Enterprise

HPE Data Protector 10.0x
Zero Downtime Backup Support Matrix for Non-HPE Storage Arrays

Version: 1.1   Date: December 2017

Data Protector uses the storage providers to integrate with the NetApp, EMC VNX, and EMC VMAX storage systems. The storage provider specific plug-ins enable a storage support within the Data Protector SMI-S agent.

The details of the supported operating systems are specified in the individual tables below. The operating system, its version and the hardware architecture must be same on both application and backup hosts.

HPE Data Protector components running in combination with application versions and operating system versions, which are not supported by their respective vendors, the support from HPE is limited to a reasonable-endeavors basis. At any time HPE can decide to remove those combinations from the DP support matrix.

What's New

Table 1: Supported storage providers and storage system configurations

Storage providers and storage systems[1]	
Storage provider	Storage system configuration
NetApp Storage Provider	Data ONTAP 8.2.x 7 Mode[2], Data ONTAP 8.3.x
EMC VNX Storage Provider	VNX OE for Block v05.32.000.5.006
EMC VMAX Storage Provider	Enginuity 5876 on VMAX 10K, VMAX 20K, or VMAX 40K

1   Only ZDB to tape is supported.
2   Data ONTAP 8.2.x C Mode is not supported.

Table 2: Supported ZDB functionality

Supported storage provider functionality		
Storage provider	Zero downtime backup	Instant recovery
NetApp	snapshots	not supported
EMC VNX	vsnaps	not supported
EMC VMAX	vsnaps	not supported

Table 3: Supported configurations - Windows 64-bit (x64)

Supported configurations – Windows 64-bit (x64) [1]				
Integration	Windows version	Single-host Local Copy	Dual-host Local Copy	Remote Copy
Raw disk	2008, 2008 R2, 2012, 2012 R2	ZDB only	ZDB only	not supported
NTFS file system	2008, 2008 R2, 2012, 2012 R2	ZDB only	ZDB only	not supported
VMware vCenter Server 5.5.2[2]	2008, 2008 R2, 2012, 2012 R2	ZDB only	ZDB only	not supported
SQL Server 2008	2008, 2008 R2, 2012, 2012 R2	ZDB only	ZDB only	not supported

SQL Server 2012 R2	2012, 2012R2	ZDB only	ZDB only	not supported
SQL Server 2014	2012, 2012R2	ZDB only	ZDB only	not supported
Oracle 11g RMAN [3] offline and online	2008, 2008 R2, 2012, 2012 R2	ZDB only	ZDB only	not supported
SAP BR*Tools 7.2 offline or online	2008, 2008 R2, 2012, 2012 R2	ZDB only	ZDB only	not supported
SAP BR*Tools 7.3 offline or online	2008, 2008 R2, 2012, 2012 R2	ZDB only	ZDB only	not supported

1 GPT partitions are not supported.
2 VMware vCenter Server versions supported with Virtual Disk Development Kit (VDDK) 6.0.
Virtual Environment backup and restore is supported only with the NetApp Storage provider.
3 Oracle RAC is not supported. In Oracle Server configurations that use Automatic Storage Management (ASM), zero downtime backup is not supported.

Table 4: 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 11 OEL 5.x, 6.2, 6.3, 6.4	not supported	ZDB only	not supported
Raw Logical Volume	RHEL 5.x, 6.2, 6.3 SLES 11 OEL 5.x, 6.2, 6.3, 6.4	not supported	ZDB only	not supported
File System	RHEL 5.x, 6.2, 6.3, 6.4 SLES 11 OEL 5.x, 6.2, 6.3, 6.4	not supported	ZDB only	not supported
VMware vCenter Server 5.5.2[2]	RHEL 5.x, 6.1, 6.2 SLES 11 OEL 5.x	not supported	ZDB only	not supported
Oracle 11g RMAN [3] offline and online	RHEL 5.x, 6.1, 6.2, 6.3, 6.4 SLES 11 OEL 5.x	not supported	ZDB only	not supported
SAP BR*Tools 7.2 offline or online	RHEL 5.x, 6.1, 6.2 SLES 11 OEL 5.x	not supported	ZDB only	not supported
SAP BR*Tools 7.3 offline or online	RHEL 5.x, 6.1, 6.2 SLES 11 OEL 5.x	not supported	ZDB only	not supported

1 Includes support for Red Hat Enterprise Linux Advanced Workstation and Enterprise Server if applicable.
2 VMware vCenter Server versions supported with Virtual Disk Development Kit (VDDK) 6.0.
Virtual Environment backup and restore is supported only with the NetApp Storage provider.
3 Oracle RAC is not supported. In Oracle Server configurations that use Automatic Storage Management (ASM), zero downtime backup is not supported.