

Dell™ PowerVault™ DL4000 Backup to Disk Appliance Interoperability Guide

This document provides information about the supported hardware and software versions for the Dell PowerVault™ Backup to Disk Appliance system.



NOTE: The versions specified in this document use the same format as found on dell.com/support/downloads/ and may differ from the version information displayed in the Windows® Device Manager or Dell™ OpenManage™ Server Administrator.

Supported Hardware

This section lists the hardware supported by PowerVault DL4000 Backup to Disk Appliance systems. Where applicable, firmware and driver versions are also listed.

BIOS Versions

System	BIOS Version
DL4000	1.2.6 or later

Hard Drives (Internal)

System	Internal RAID Controller	Slots	Drive Type	RAID Level
DL4000	PERC H710P	0-1	Two (2) hot-swappable 2.5-inch SAS drives	1
		2-9	Eight (2) hot-swappable 2.5-inch Nearline SAS drives	6

Storage Enclosures

Storage Enclosure	Firmware Revision	Number of Enclosures Supported
PowerVault MD1200	1.0.1 or later	One (1)



NOTE: To connect or disconnect the redundant SAS cable(s), the DL4000 system must be powered off.

Hard Drives (External)

Storage Enclosure	RAID Controller	Drive Type	Drive Capacity
PowerVault MD1200	PERC H810	Nearline SAS	1TB , 2TB, 3TB

Network Interface Controllers (NIC)

System	NIC	Driver Revision
DL4000	Broadcom 57800S Quad-Port 1GbE NDC	15.4.0 or later
	Intel I350 Quad-Port 1GbE NIC	12.1.76 or later

RAID Controllers



NOTE: Dell does not support upgrading internal RAID controllers. The internal controller shipped with the system is the only supported configuration.

System	RAID Controller	Max Number of Controllers	Firmware Revision	Driver Revision
DL4000	PERC H710P	1	21.0.2-0001 or later	5.02.220.64 or later
	PERC H810	1	21.0.2-0001 or later	5.02.220.64 or later

Display Resolution

The minimum display resolution is 1280x1024.

Supported Software

This section lists the supported operating systems and applications on the PowerVault DL4000 Backup to Disk Appliance.



NOTE: Running applications other than those listed in this document on the PowerVault DL4000 Backup to Disk Appliance is not supported.

Operating System



NOTE: Clustering is not supported on the PowerVault DL4000 Backup to Disk Appliance.

System	Operating System
DL4000	Microsoft Windows Server 2012 Standard Edition

Applications

PowerVault System	Application	Application Type	Version
DL4000	Dell™ OpenManage™ Server Administrator	Systems Management	7.2.0 or later

Backup Software

See the following tables for information about the supported versions of backup software. The required version is determined by the system and installed RAID controller(s).

AppAssure

System	RAID Controller	5.3.1
DL4000	PERC H710P, PERC H810	✓

Appliance Software Stack Release

See the following table for information about the supported versions of the appliance software stack. The required version is determined by the system, the installed RAID controller, and (if applicable) HBA.

System	RAID Controller	1.x
DL2300	PERC H710P, PERC H810	✓

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