



## hp OpenView storage data protector 5.5 Network Attached Storage (NAS) Support Matrix

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Data Protector has comprehensive support for NAS devices. The two main categories of NAS devices supported by Data Protector are HP & Non-HP. On the HP NAS devices Data Protector uses its native agents, which makes it the most efficient backup/recovery application for these devices, while on Non-HP devices Data Protector supports the industry standard NDMP protocol.

HP NAS devices are mainly windows based the exception being NAS 8000 that is Linux based. For the Windows based HP NAS devices, Various Data Protector components are supported. Data Protector uses its native Windows agents for Backup/recovery of these devices. These agents can be remotely or locally installed on these devices. The documentation for various Data Protector Windows agents applies to the supported Data Protector components on NAS devices.

Following are details of supported Windows based HP NAS devices:

Support HP Network Attached Storage (NAS) devices (Windows based)					
NAS Type <sup>1</sup>	Data Protector Component				
	Cell Manager	Installation Server	Disk Agent	Media Agent	Cluster
NAS 9000s	Supported	Supported	Supported	Supported	Supported
NAS 4000s	Supported	Supported	Supported	Supported	Supported
NAS 1500s	Supported	Supported	Supported	Supported	Supported
NAS 500s	Supported	Supported	Supported	Supported	Supported
NAS 2000s	Supported	Supported	Supported	Supported	Supported
NAS 1200s	Supported	Supported	Supported	Supported	NA
e7000	Supported	Supported	Supported	Supported	Supported
B3000	Supported	Supported	Supported	Supported	Supported
B2000	Supported	Supported	Supported	Supported	Supported
DL 380 G4 Storage Server <sup>2</sup>	Supported	Supported	Supported	Supported	Supported
ML 370 G4 Storage Server <sup>2</sup>	Supported	Supported	Supported	Supported	Supported
ML 350 G4 Storage Server <sup>2</sup>	Supported	Supported	Supported	Supported	Supported
DL 585 Storage Server <sup>2</sup>	Supported	Supported	Supported	Supported	Supported
ML 110 G2 Storage Server <sup>2</sup>	Supported	Supported	Supported	Supported	Supported
DL 580 G2 Storage Server <sup>2</sup>	Supported	Supported	Supported	Supported	Supported
ML 110 Storage Server <sup>2</sup>	Supported	Supported	Supported	Supported	Supported
DL 100 Storage Server <sup>2</sup>	Supported	Supported	Supported	Supported	Supported
DL 100 G2 Storage Server <sup>2</sup>	Supported	Supported	Supported	Supported	Supported
ML 310 G3 Storage Server <sup>2</sup>	Supported	Supported	Supported	Supported	Supported
HP StorageWorks 400 AiO	-	-	Supported	Supported	-
HP StorageWorks 600 AiO	-	-	Supported	Supported	-
HP StorageWorks 1200 AiO	-	-	Supported	Supported	-

- 1 For supported devices, please refer to the Data Protector device support matrices. Only those devices that are supported by the respective NAS device and are also listed in HP OpenView Storage Data Protector 5.5 Device Support Matrix as supported are supported.
- 2 Includes support for all sub-models (e.g. Ext. SATA Model, Ext. SCSI Model, SAN Storage Model etc.)

Data Protector also supports the Linux based HP NAS device, NAS 8000. It comes pre-installed with a Data Protector Backup Agent (Disk & Media Agent).

Support HP Network Attached Storage (NAS) devices (Linux Based)		
NAS Type	Data Protector Component	
	Disk Agent	Media Agent
NAS 8000 <sup>1</sup>	Pre-installed Linux agent	Pre-installed Linux agent

- 1 For supported devices, please refer to the Data Protector device support matrices. Only those devices that are supported by the respective NAS device and are also listed in HP OpenView Storage Data Protector 5.5 Device Support Matrix as supported are supported.

Data Protector also supports major Non-HP NAS applications based of the industry standard NDMP protocol. There is a special NDMP Media Agent in Data Protector, that addresses the special Backup/Recovery needs of these NDMP based NAS applications.

supported NDMP based NAS applications		
NAS application	Supported versions	
NDMP <sup>1</sup>	<ul style="list-style-type: none"> <li>NetApp Filers, gFilers, and NearStore:</li> </ul>	HP-UX 11.0, 11.11, 11.23 (PA-RISC) HP-UX 11.23 (Itanium) <sup>3</sup>
	ONTAP versions 5.3.x, 6.4.x, 6.5.3 P4, 6.5.4, 6.5.5 7.0.x <sup>2</sup> , 7.1.x, 7.2.x <sup>5</sup> NDMP (v2, v3 & v4)	Solaris 7, 8 & 9 Windows 2000 Windows 2003 (32/64-bit) Windows XP
	<ul style="list-style-type: none"> <li>EMC Celerra:</li> </ul> (Software Version: 2.2.xx (starting 2.2.49), 4.x, 5.2, 5.3, 5.4 <sup>4</sup> and 5.5), NDMP (v2, v3 & v4)	HP-UX 11.0, 11.11, 11.23 (PA-RISC) Solaris 7 & 8 Windows 2000 Windows 2003 (32/64 bit) Windows XP

- 1 For supported devices, please refer to the device support matrices of the respective NAS vendors. Only those devices that are supported by the respective NAS vendors and are also listed in HP OpenView Storage Data Protector 5.5 Device Support Matrix as supported are supported.
- 2 7.0.x covers all the released versions of ONTAP i.e. 7.0.1, 7.0.2 etc. Due to the supportability issues Data Protector only supports following ONTAP versions in 7.0.1 release:  
For ONTAP 7.0.1.R1 Stream - 7.0.1R1P7D7 and For ONTAP 7.0.1.1 Stream - 7.0.1.1D4.
- 3 To utilize this feature following patches are required:  
PHSS\_36559 – HP-UX 11.x (PA) Cell Manager / Installation Server  
PHSS\_36560 – HP-UX 11.23 (IPF) Cell Manager / Installation Server  
DPSOL\_00289 – Solaris Cell Manager / Installation Server
- 4 To utilize this feature following site specific patches are required:  
DPWIN\_00333 (Cell Server), DPWIN\_00289 (Media Agent) for Windows , PHSS\_35168 (Cell Server), PHSS\_36559 – HP-UX 11.x (PA) Cell Manager / Installation Server

PHSS\_36560 – HP-UX 11.23 (IPF) Cell Manager / Installation Server

DPSOL\_00289 – Solaris Cell Manager / Installation Server and DPSOL\_00235 for Solaris

- 5 Following exceptions are not covered by this certification for ONTAP 7.2.2: DDS, Recursive DAR support & 3 way backup and restore.