HP Data Protector A.06.1x
Network attached storage (NAS) support matrix

Version: 1.5   Date: March 2010

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

Various Data Protector components are supported on HP NAS devices which are Windows based. Data Protector uses its native Windows agents for backup and recovery using 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.

The following table presents details of the supported HP NAS devices:

Support HP Network Attached Storage (NAS) devices					
NAS Type[1]	Data Protector Component				
	Cell Manager	Installation Server	Disk Agent	Media Agent	Cluster
NAS 500s	supported	supported	supported	supported	supported
NAS 1200s	supported	supported	supported	supported	n/a
NAS 1500s	supported	supported	supported	supported	supported
NAS 2000s	supported	supported	supported	supported	supported
NAS 4000s	supported	supported	supported	supported	supported
NAS 8000s	supported	supported	supported	supported	supported
NAS 9000s	supported	supported	supported	supported	supported
e7000	supported	supported	supported	supported	supported
B2000	supported	supported	supported	supported	supported
B3000	supported	supported	supported	supported	supported
BL460c	supported	supported	supported	supported	supported
DL 100 Storage Server [2]	supported	supported	supported	supported	supported
DL 100 G2 Storage Server [2]	supported	supported	supported	supported	supported
DL 320s Storage Server [2]	supported	supported	supported	supported	supported
DL 380G4 Storage Server [2]	supported	supported	supported	supported	supported
DL 380G5 Storage Server [2]	supported	supported	supported	supported	supported
DL 580 G2 Storage Server [2]	supported	supported	supported	supported	supported
DL 585 Storage Server [2]	supported	supported	supported	supported	supported
DL 585 G2 Storage Server [2]	supported	supported	supported	supported	supported
ML 110 Storage Server [2]	supported	supported	supported	supported	supported
ML 110 G2 Storage Server [2]	supported	supported	supported	supported	supported
ML 310 G2 Storage Server[2]	supported	supported	supported	supported	supported
ML 310 G3 Storage Server[2]	supported	supported	supported	supported	supported
ML 310 G4 Storage Server[2]	supported	supported	supported	supported	supported
ML 350G4 Storage Server [2]	supported	supported	supported	supported	supported
ML 350G4p Storage Server [2]	supported	supported	supported	supported	supported
ML 350G5 Storage Server [2]	supported	supported	supported	supported	supported
ML 370G4 Storage Server [2]	supported	supported	supported	supported	supported
HP StorageWorks 400 AiO	supported	supported	supported	supported	supported
HP StorageWorks 600 AiO	supported	supported	supported	supported	supported
HP StorageWorks 1200 AiO	supported	supported	supported	supported	supported
HP SBC 600c AiO	supported	supported	supported	supported	supported
HP StorageWorks X1000	supported	supported	Supported	Supported	supported
HP StorageWorks X3000	supported	supported	Supported	Supported	supported

For supported devices, please see the HP Data Protector A.06.1x Device Support Matrix. Only those devices that are supported by the respective NAS device and are also listed in HP Data Protector A.06.1x Device Support Matrix are supported.

[2] Includes support for all sub-models, for example, Ext. SATA Model, Ext. SCSI Model, SAN Storage Model and so on

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 and recovery needs of these NDMP based NAS applications. However, please note that Data Protector AES Encryption and key management features are not available for NDMP Media Agent.

supported NDMP based NAS applications		
NAS application	**Supported versions**	
NDMP[1, 5]	• NetApp Filers, gFilers, and NearStore: ONTAP versions 5.3.x, 6.4.x, 6.5.3 P4, 6.5.4, 6.5.5, 6.5.7, 7.0.x[2], 7.0.5, 7.1.x, NDMP (v2, v3, v4), 7.2.x[3], 7.3, 7.3.1, 7.3.2, GX 10.0.3	HP-UX 11.11 HP-UX 11.23, 11.31[4] (PA-RISC, Itanium) Solaris 8, 9, 10 Red Hat Enterprise Linux (RHEL),5.x (32-bit)[6] Red Hat Enterprise Linux (RHEL)4.x,5.x (x64)[6] SuseLinuxEnterprise Server (SLES)9,10 (x64)[6] Windows XP, Windows Vista (32-bit) Windows Vista (64-bit) (x64) Windows 2000 Windows Server 2003 (32-bit) Windows Server 2008 (32-bit)[4] Windows Server 2003 (64-bit) (Itanium, x64)
	• EMC Celerra: (software version: 2.2.xx (starting with 2.2.49), 5.4, 5.5,5.6[6]) , NDMP (v2, v3, v4)	HP-UX 11.11 HP-UX 11.23, 11.31[4] (PA-RISC, Itanium[4]) Solaris 8 Windows XP, Windows Vista (32-bit) Windows Vista (64-bit) (x64) Windows 2000 Windows Server 2003 (32-bit) Windows Server 2008 (32-bit)[4] Windows Server 2003 (64-bit) (Itanium, x64)
	• Hitachi & High Performance[7] NAS platform 6.x, Powered by BlueArc[6]:	Windows 2000 Windows XP (32-bit) Windows Server 2003 (32-bit)
	• BlueArc Titan[7] and Mercury[7] Series, BlueArc Operating System 6.x firmware[6]:	Windows 2000 Windows XP (32-bit) Windows Server 2003 (32-bit)

[1] For supported devices, please see the device support matrices of the respective NAS vendors. Only those devices which are supported by the respective NAS vendors and are also listed as supported in the HP Data Protector A.06.1x Device Support Matrix are supported.

[2] Due to the supportability issues, Data Protector only supports the following ONTAP versions:
For ONTAP 7.0.1.R1 Stream - 7.0.1R1P7D7 and for ONTAP 7.0.1.1 Stream - 7.0.1.1D4.

[3] The following exceptions are not covered by the certification for ONTAP 7.2.2 and 7.2.3: DDS, Recursive DAR support and 3 way backup and restore.

[4] Supported with Data Protector 6.11 only.

[5] NDMP Backup for larger files on Windows Server 2003 (x64 and Itanium) is currently not supported.

[6] This feature is supported with following patches:
DPWIN_00442, PHSS_40478, PHSS_40479, DPLNX_00101, DPSOL_00395
DPWIN_00438/PHSS_40470/PHSS_40471/DPLNX_00097/DPSOL_00391

[7] These Devices should be configured as NetApp.