One Button Disaster Recovery (OBDR)
For Current Shipping ProLiant Servers
Tape Drive / ISV Compatibility Matrix
November 2009, version 1.0

Tape Device	Microsoft Windows Server 2003 (x86 and x64) SP2, R2				Microsoft Windows Server 2008 (x86 and x64) SP1, SP2		Linux (x86 and x64)			
	HP Data Protector Express 4.0 SP1	HP Data Protector 6.1	Symantec Backup Exec 12.5	CA ARCserve 12.5 [4,5]	HP Data Protector Express 4.0 SP1 [6]	Symantec Backup Exec 12.5 [5]	RHEL 4 [2] u6 HP Data Protector Express 4.0 SP1	RHEL 5 [3] u3 HP Data Protector Express 4.0 SP1	SuSE 9 SP4 HP Data Protector Express 4.0 SP1	SuSE 10 SP2 HP Data Protector Express 4.0 SP1
HP DAT 40 SCSI	√	√	√	√	√	√	√	√	√	√
HP DAT 40 USB	√[1]	√	√		√[1]	√	√	√	√	√
HP DAT 72 SCSI	√	√	√	√	√	√	√	√	√	√
HP DAT 72 USB	√[1]	√	√		√[1]	√	√	√	√	√
HP DAT 160 SCSI	√	√	√	√	√	√	√	√	√	√
HP DAT 160 SAS	√	√	√	√	√	√	√	√	√	√
HP DAT 160 USB	√[1]	√	√		√[1]	√	√	√	√	√
HP DAT 320 SAS	√	√	√	√	√	√	√	√	√	√
HP DAT 320 USB	√[1]	√	√		√[1]	√	√	√	√	√
HP Ultrium 232 SCSI	√	√	√	√	√	√	√	√	√	√
HP Ultrium 448 SCSI	√	√	√	√	√	√	√	√	√	√
HP Ultrium 448 SAS	√	√	√	√	√	√	√	√	√	√
HP Ultrium 448c Tape Blade	√	√	√	√	√	√	√	√	√	√
HP Ultrium 920 SCSI	√	√	√	√	√	√	√	√	√	√
HP Ultrium 920 SAS	√	√	√	√	√	√	√	√	√	√
HP Ultrium 920c Tape Blade	√	√	√	√	√	√	√	√	√	√
HP Ultrium 960 SCSI	√	√	√	√	√	√	√	√	√	√
HP Ultrium 1760 SCSI	√	√	√		√	√	√	√	√	√
HP Ultrium 1760 SAS	√	√	√	√	√	√	√	√	√	√
HP Ultrium 1760c Tape Blade	√	√	√		√	√	√	√	√	√
HP Ultrium 1840 SCSI	√	√	√		√	√	√	√	√	√
HP Ultrium 1840 SAS	√	√	√	√	√	√	√	√	√	√
HP SDLT 600 SCSI	√	√	√	√			√	√	√	√
HP DAT 72x10 Autoloader	√	√	√	√	√	√	√	√	√	√

Notes:

1. OBDR is supported with Data Protector Express on these USB DAT drives running Windows Server 2003/2008 x86 only.
2. OBDR is not supported on RHEL4 update 7.
3. OBDR is supported on RHEL5 update 1 and higher.
4. Windows 2003 R2 installation media not supported.
5. Supported on x86 platforms only.
6. DPX 4.0 SP1 support limited to Windows 2008 SP1.

ProLiant Server	Microsoft — Windows Server 2003 (x86 and x64) SP2, R2				Microsoft — Windows Server 2008 (x86 and x64) SP1, SP2		Linux (x86 and x64) — RHEL 4 [2] u6	RHEL 5 [1] u3	SuSE 9 SP4	SuSE 10 SP2
	HP Data Protector Express 4.0 SP1	HP Data Protector 6.1	CA ARCserve 12.5 [5,6]	Symantec Backup Exec 12.5	HP Data Protector Express 4.0 SP1 [7]	Symantec Backup Exec 12.5 [6]	HP Data Protector Express 4.0 SP1	HP Data Protector Express 4.0 SP1	HP Data Protector Express 4.0 SP1	HP Data Protector Express 4.0 SP1
ML110 G5	√	√	√	√	√	√	√	√	√	√
ML110 G6	√	√		√	√	√	√	√	√	√
ML115 G5	√	√	√	√	√		√	√	√	√
ML150 G5	√	√[3]	√[3]	√[3]	√	√[3]	√	√	√	√
ML150 G6	√[3]	√[3]	√[3]	√[3]	√[3]	√[3]	√[3]	√[3]	√[3]	√[3]
ML310 G5, G5p	√	√	√	√	√	√	√	√	√	√
ML330 G6	√	√	√	√	√	√	√	√	√	√
ML350 G5	√	√	√	√	√	√	√	√	√	√
ML350 G6	√	√	√	√	√	√	√	√	√	√
ML370 G5	√	√	√	√	√	√	√	√	√	√
ML370 G6	√[4]	√[4]	√[4]	√[4]	√[4]	√[4]	√[4]	√[4]	√[4]	√[4]
DL120 G5	√	√	√	√	√	√	√	√	√	√
DL120 G6	√	√		√	√	√	√	√	√	√
DL160 G5, G5p	√				√		√	√	√	√
DL165 G5, G5p	√				√		√	√	√	√
DL180 G5	√	√[3]	√[3]	√[3]	√	√[3]	√	√	√	√
DL180 G6	√[3]	√[3]	√[3]	√[3]	√[3]	√[3]	√[3]	√[3]	√[3]	√[3]
DL185 G5	√				√		√	√	√	√
DL320 G5p	√	√	√	√	√	√	√	√	√	√
DL320 G6	√	√		√	√	√	√	√	√	√
DL360 G5	√	√	√	√	√	√	√	√	√	√
DL360 G6	√	√	√	√	√	√	√	√	√	√
DL365 G5	√	√	√	√	√	√	√	√	√	√
DL370 G6	√	√	√	√	√	√	√	√	√	√
DL380 G5	√	√	√	√	√	√	√	√	√	√
DL380 G6	√	√	√	√	√	√	√	√	√	√
DL385 G5, G5p	√	√	√	√	√	√	√	√	√	√
DL385 G6	√	√	√	√	√	√	√	√	√	√
DL580 G5	√	√	√	√	√	√	√	√	√	√
DL585 G5	√	√	√	√	√	√	√	√	√	√
DL785	√	√	√	√	√	√	√	√	√	√
BL260c G5	√	√	√	√	√	√	√	√	√	√
BL260c G6	√	√	√	√	√	√	√	√	√	√
BL460c	√	√	√	√	√	√	√	√	√	√
BL460c G5	√	√	√	√	√	√	√	√	√	√
BL460c G6	√	√	√	√	√	√	√	√	√	√
BL465c G5	√	√	√	√	√	√	√	√	√	√
BL480c	√	√	√	√	√	√	√	√	√	√
BL490c G6	√	√	√	√	√	√	√	√	√	√
BL495c G5	√	√	√	√	√	√	√	√	√	√
BL680c G5	√	√	√	√	√	√	√	√	√	√
BL685c G5	√	√	√	√	√	√	√	√	√	√
BL685c G6	√	√	√	√	√	√	√	√	√	√

Notes:

** Make sure your ProLiant server has the most recent BIOS/System ROM installed **

1. OBDR is supported on RHEL 5 Update 1 and higher.
2. OBDR is not supported on RHEL 4 update 7.
3. OBDR is supported with SCSI and USB tape drives. SAS tape drives are not supported.
4. No support for SCSI devices on the ML370G6.
5. Windows 2003 R2 installation media not supported.
6. Supported on x86 platforms only.
7. DPX 4.0 SP1 support limited to Windows 2008 SP1.

OBDR is supported with an HP Tape Drive attached to one of the following controllers:

A.	64-Bit/133 MHz Single Channel Ultra320 SCSI G2 Adapter	374654-B21
B.	8 Internal Port SAS PCI-X Host Bus Adapter with RAID	347786-B21
C.	SC11Xe Host Bus Adapter	412911-B21
D.	Smart Array P800/512MB with BBWC	381513-B21
E.	SC44Ge Host Bus Adapter	416096-B21
F.	Smart Array E500	435129-B21
G.	Smart Array P400/256MB	405132-B21
H.	Smart Array P400/512MB	411064-B21
I.	Smart Array P600/256MB	337972-B21
J.	Smart Array P212/ZM, Smart Array P212/256MB	462828-B21, 462834-B21. See footnote 2
K.	Smart Array P410/256MB, Smart Array P410/512MB with BBWC	462862-B21, 462864-B21. See footnote 2
L.	Smart Array P411/256MB, Smart Array P411/512MB with BBWC	462830-B21, 462832-B21. See footnote 2

HP ProLiant Server - ML Series	Attach tape device to this Controller
ML110 G5	A, B, C, E
ML110 G6	C, J, K, L
ML115 G5	B, C, E
ML150 G5	C, E
ML150 G6	C, J, K, L
ML310 G5	A, C, E, J, K, L
ML310 G5p	C, D, E, F, G, J, K, L
ML350 G5	A, B, C, D, E, F
ML350 G6	C, J, K, L
ML370 G5	A, B, C, D, E, F
ML370 G6	J, K, L
HP ProLiant Server - DL Series	**Attach tape device to this Controller**
DL120 G5	C, D, E, F, G
DL120 G6	C, J, K, L
DL160 G5	C, B, D, E, F, G, H
DL160 G5p	C, D, E, G, H
DL165 G5	B, C, D, E, F, G, H, J, K, L
DL165 G5p	C, D, E, G, H, J, K, L
DL180 G5	C, D, E, F, G, H
DL180 G6	C, J, K, L
DL185 G5	C, D, E, F, G, H, J, K, L
DL320 G5p	A, B, C, D, E, F, J, K, L
DL320 G6	C, J, K, L
DL360 G5	A, B, C, E, F
DL360 G6	C, J, K, L
DL365 G5	B, C, D, E, F, G, I, J, K, L
DL370 G6	C, J, K, L
DL380 G5	A, B, C, D, E, F
DL380 G6	C, J, K, L
DL385 G5	C, D, E, G, H, I
DL385 G5p	C, D, E, G[1], H[1], I, J, K, L
DL580 G5	B, D, E, F, G, H, I, J, K, L
DL585 G5	B, C, D, E, F, G, H, I, J, K, L
DL785	C, E, G, H, J, K, L

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Notes:
** Each of the servers listed above has USB ports that will support a HP USB DAT tape drive **
** Make sure your ProLiant server has the most recent BIOS - System ROM installed **
** Make sure your HP storage controller has the most recent firmware installed **

1. The P400 controllers that support the DL385 G5p server require a heat sink. Order the following part numbers
    507808-B21: HP Smart Array P400 with 256BBWC with Heat Sink
    508833-B21: HP Smart Array P400 with 512BBWC with Heat Sink
2. Some Windows 2003 configurations require Microsoft patch KB943545. see Customer Advisory **c01882990** for more details.
3. OBDR restores on servers running P400, E500, or P800 Smart Array controllers with firmware 6.86 will fail and require a manual work-around.
    Please reference Customer Advisory **c01919811**, dated 11/2/2009 for more details.