

Using SmartStart Scripting Toolkit 2.3 with Microsoft® Automated Deployment Service

Support Matrix

Microsoft® Automated Deployment Service (ADS) is a tool developed by Microsoft to help deploy and manage operating systems remotely.

Supported Operating Systems

ADS supports the following operating systems:

- Microsoft Windows® 2000 Server
- Microsoft Windows Server 2003

Supported Servers

The following tables list the servers and BIOS versions that have been tested with ADS. The BIOS versions are the minimum versions required to work with ADS. The servers listed are supported by HP and have been validated through formal internal testing with the default boot controller. These servers are also supported by the core operating system drivers embedded with Windows Server 2003 and do not require additional drivers to use the Microsoft ADS Deployment Agent Builder.

NOTE: The Microsoft ADS Deployment Agent Builder is embedded with the Microsoft ADS component Network Boot Service (NBS) for building RAMDISK images. For more detailed information, refer to the *Using SmartStart Scripting Toolkit with Microsoft Automated Deployment Service* guide.

To download the latest system BIOS and Preboot eXecution Environment (PXE) firmware, refer to <http://h18000.www1.hp.com/support/files/server/us/index.html>.

NOTE: HP recommends updating servers to the latest BIOS regularly.

Table 1: Supported ProLiant BL Servers

Server	BIOS Version	PXE Agent Version on Embedded NIC
ProLiant BL10e	I03 02/17/03	4.0.22
ProLiant BL10e G2	I07 6/10/03	6.2.11
ProLiant BL20p	I01 7/25/03	6.2.11
ProLiant BL20p G2	I04 10/1/03	6.2.11
ProLiant BL40p	I02 9/25/03	6.2.11

Table 2: Supported ProLiant DL Servers

Server	BIOS Version	PXE Agent Version on Embedded NIC
ProLiant DL360 G2	P26 7/24/03	6.2.11
ProLiant DL360 G3	P31 7/25/03	6.2.11
ProLiant DL380 G2	P24 11/15/02	4.0.17
ProLiant DL380 G3	P29 7/25/03	6.2.11
ProLiant DL580 G2	P27 9/1/03	6.2.11*
ProLiant DL740	P47 9/29/03	6.2.11
ProLiant DL760 G2	P44 9/25/03	6.2.11*
*Not embedded		

Supported Options

The following tables list hardware options that have been tested with Microsoft ADS. The hardware options listed are supported by HP and have been validated through formal internal testing. The driver versions are the minimum versions required for Microsoft ADS. Some of the hardware options require the addition of new drivers to the Deployment Agent Builder before it can be deployed by ADS. Refer to the *Using SmartStart Scripting Toolkit with Microsoft Automated Deployment Service* guide for instructions on updating drivers.

Servers that have PXE boot enabled on the embedded NIC automatically connect to the Microsoft PXE Server. Most servers that do not have embedded NICs with PXE support can obtain support with the addition of a PXE-enabled stand-up NIC. Table 3 lists supported stand-up NICs with PXE support.

To download the latest drivers, refer to <http://h18000.www1.hp.com/support/files/server/us/index.html>.

Table 3: Supported Stand-Up NICs with PXE Support

NIC	Minimum PXE Agent	Driver Version for Windows 2000 Server	Driver Version for Windows Server 2003
NC3123*	3.0.05	6.4.14.51	6.6.8.6
NC7770**	3.2.1	6.34.0.0	6.34.0.0
NC7771***	6.2.11	6.64.0.0	6.64.0.0
NC7170	1.2.11	6.6.4.43	6.6.4.43

*NC3123 Revisions J and higher have PXE enabled by default.

**Only NC7770 Rev 0E and higher are flash upgradeable. Revision 0E requires that the EEPROM WRITE jumper be moved to ENABLE before attempting a flash. This jumper must be returned to DISABLE after completing the upgrade.

***Requires the addition of drivers to the Deployment Agent Builder for use with ADS.

Table 4 lists supported stand-up array controllers.

Table 4: Supported Stand-Up Array Controllers

Array Controller	Minimum ROM Version	Driver Version for Windows 2000 Server	Driver Version for Windows Server 2003
SA 5312	2.38	5.46.2.32	5.46.2.32
SA 5304	3.32	5.46.2.32	5.46.2.32
SA 5302	3.32	5.46.2.32	5.46.2.32
SA 532	2.38	5.46.2.32	5.46.2.32
SA 641	1.30	5.46.2.32	5.46.2.32
SA 642	1.30	5.46.2.32	5.46.2.32
SA 5i Plus	2.38	5.46.2.32	5.46.2.32
SA 5i	2.38	5.46.2.32	5.46.2.32
SA 6400 series*	1.60A	5.48.0.32	5.48.0.32

*Requires the addition of drivers to the Deployment Agent Builder for use with ADS.

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