

HP ProLiant Essentials Rapid Deployment Pack—Windows Edition Support Matrix



April 2005 (Eighth Edition)
Part Number 315379-008
Product Version 2.10

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Abstract

This document provides HP ProLiant Essentials Rapid Deployment Pack—Windows Edition hardware and operating system support information.

Related Documents

HP recommends reviewing the *HP ProLiant Essentials Rapid Deployment Pack Planning Guide* before reading this guide.

HP recommends reviewing the following documentation after reading this guide:

- *HP ProLiant Essentials Rapid Deployment Pack—Windows Edition Installation Guide*
- *HP ProLiant Essentials Rapid Deployment Pack—Windows Edition User Guide*

All of the documents can be found in .pdf format at <http://www.hp.com/servers/rdp>, from the Rapid Deployment Pack CD autorun utility, at \docs on the product CD, and at .docs on the Deployment Server.

Where to Go for Additional Help

Refer to the following sources for additional information about the Rapid Deployment Pack.

Online Resources

- HP ProLiant Essentials Rapid Deployment Pack website at <http://www.hp.com/servers/rdp>
- HP ProLiant Essentials Rapid Deployment Pack Knowledge Base at <http://www.hp.com/servers/rdp/kb>
- HP ProLiant Essentials Rapid Deployment Pack What's New at <http://www.hp.com/servers/rdp>
- *ITRC User Forum "ProLiant Deployment & Provisioning"* at <http://forums.itrc.hp.com>
- Altiris website at <http://www.altiris.com>

Telephone Numbers

For the name of your nearest HP authorized reseller:

- In the United States, call 1-800-345-1518.
- In Canada, call 1-800-263-5868.

For HP technical support:

- In North America:
 - Call 1-800-HP-INVENT (1-800-474-6836). This service is available 24 hours a day, 7 days a week. For continuous quality improvement, calls may be recorded or monitored.
 - If you have purchased a Care Pack (service upgrade), call 1-800-633-3600. For more information about Care Packs, refer to the HP website at <http://www.hp.com>.
- Outside North America, call the nearest HP Technical Support Phone Center. For telephone numbers for worldwide Technical Support Centers, refer to the HP website at <http://www.hp.com>.

Supported Deployment Infrastructure

The Deployment Server can be installed on the following operating systems:

- Microsoft® Windows® 2000 Server
- Microsoft Windows 2000 Advanced Server
- Microsoft Windows Server 2003, Standard Edition
- Microsoft Windows Server 2003, Enterprise Edition

NOTE: The operating systems that can be deployed on a target server are listed in the “Supported Operating Systems” section.

The NFS server can be installed on Red Hat Linux or SUSE LINUX.

For more details about requirements, refer to Chapter 2 of the *HP ProLiant Essentials Rapid Deployment Pack—Windows Edition Installation Guide*.

Supported Target Platforms

The Rapid Deployment Pack supports deployment to the target platforms listed in Table 1.

Table 1: Supported Target Platforms

HP blade PC bc1000	ProLiant DL360 G4 (SCSI) ⁴	ProLiant ML330
ProLiant BL10e	ProLiant DL360 G4p (SATA) ⁴ NEW	ProLiant ML330e
ProLiant BL10e G2	ProLiant DL360 G4p (SCSI) ⁴ NEW	ProLiant ML330 G2 (ATA) ²
ProLiant BL20p	ProLiant DL380	ProLiant ML330 G2 (SCSI)
ProLiant BL20p G2 ¹	ProLiant DL380 G2	ProLiant ML330 G3 (ATA) ²
ProLiant BL20p G3	ProLiant DL380 G2 Packaged Cluster	ProLiant ML330 G3 (SCSI) ¹
ProLiant BL25p	ProLiant DL380 G3 ¹	ProLiant ML350
ProLiant BL30p	ProLiant DL380 G3 Packaged Cluster ¹	ProLiant ML350 G2
ProLiant BL35p	ProLiant DL380 G4 ⁴	ProLiant ML350 G3 ¹
ProLiant BL40p ¹	ProLiant DL380 G4 Packaged Cluster	ProLiant ML350 G4
ProLiant BL45p NEW	ProLiant DL385	ProLiant ML350 G4p (SATA) NEW
ProLiant DL140 ²	ProLiant DL560 ¹	ProLiant ML350 G4p (SCSI) NEW
ProLiant DL145 ²	ProLiant DL580	ProLiant ML370
ProLiant DL320 (ATA)	ProLiant DL580 G2 ¹	ProLiant ML370 G2
ProLiant DL320 (SCSI)	ProLiant DL580 G3 NEW	ProLiant ML370 G3 ¹
ProLiant DL320 G2 (ATA) ^{1,2}	ProLiant DL585 ⁴	ProLiant ML370 G4
ProLiant DL320 G2 (SCSI) ¹	ProLiant DL740 ¹	ProLiant ML530
ProLiant DL320 G3 (SATA) ³	ProLiant DL760	ProLiant ML530 G2
ProLiant DL320 G3 (SCSI)	ProLiant DL760 G2 ¹	ProLiant ML570
ProLiant DL360	ProLiant ML310 (ATA) ^{1,2}	ProLiant ML570 G2
ProLiant DL360 G2 ¹	ProLiant ML310 (SCSI) ¹	ProLiant ML570 G3
ProLiant DL360 G3 ¹	ProLiant ML310 G2 (SATA) ³	ProLiant ML750
ProLiant DL360 G4 (SATA) ⁴	ProLiant ML310 G2 (SCSI)	VMware ESX Server 2.5.1 virtual machine

¹ After certain deployment operations, the MAC address of the server might be set to 0. To resolve this issue, apply SoftPaq SP26187. Refer to Table 2 when applying this update to any ProLiant server with the NC7770 stand-up NIC.

² Disk drive size must be smaller than 137 GB to successfully complete image capture and deploy with ATA RAID.

³ RAID set through the ROM-Based Setup Utility (RBSU) is not supported.

⁴ The server might stop responding when loading the Q57.DOS network driver. To resolve this issue, apply SoftPaq SP26187.

Supported Deployment Mechanisms

The Altiris Deployment Solution has several mechanisms for deploying target servers. All methods use the Altiris Deployment Agent for DOS. Table 5 displays a matrix of supported target servers and the supported deployment mechanisms available for each server.

Preboot eXecution Environment

Target servers can connect to the Deployment Server by performing a Preboot eXecution Environment (PXE) boot and receiving a boot image over the network. The boot image is analogous to a boot diskette. PXE provides the most automated, hands-free bootstrap method for server deployment.

All newer ProLiant servers ship with PXE-enabled embedded NICs or PXE-enabled stand-up NICs. Some older servers that do not have PXE support can obtain support with a PXE-enabled stand-up NIC. Refer to Table 2 for a list of stand-up NICs with PXE support.

Table 2: Stand-Up NICs with PXE Support

NIC Model	Minimum Option ROM Version
NC1020	N/A
NC3123 ¹	N/A
NC7170	1.2.11
NC7770 ^{2,3}	3.2.2
NC7771 ³	6.2.11

¹ You must flash NC3123/Rev. I to enable PXE support. The IBAUTIL.EXE utility that updates the PXE firmware is available in SP23495.exe.

² Only NC7770/Rev. E or later is flash upgradeable. You must move the EPROM WRITE jumper on the board to enable. A firmware update is available in SP24987.exe.

³ For Wake-on-LAN (WOL) support with stand-up NICs, WOL must be enabled on the NIC by the driver and ROM-Based Setup Utility (RBSU).

Some servers require a firmware upgrade to use PXE in the Rapid Deployment Pack. Refer to Table 4 for details on required upgrades.

The boot images used by the Altiris PXE Server are DOS-based. By default, these images use the Universal Network Driver Interface (UNDI) driver for network connectivity. The UNDI driver functions with any PXE-enabled NIC.

It is possible to re-create the boot images so that they use an NDIS2 driver. However, these images only function with servers in your environment that have NICs supported by that NDIS2 driver.

IMPORTANT: HP strongly recommends that you use the default UNDI driver in your PXE boot images.

The default location of PXE or network boot in the boot order varies based on the server and the options installed. For the servers listed in Table 3, PXE or network boot must be placed first in the boot order to support the server.

Table 3: Servers Requiring PXE or Network Boot to be First in the Boot Order

ProLiant DL140
ProLiant DL145
ProLiant DL320 ¹
ProLiant DL360 ²
Older ProLiant servers supporting a PXE-enabled stand-up NIC
VMware ESX Server 2.5.1 virtual machine
¹ With PXE enabled (PXE is disabled by default)
² With PXE "User Interface" disabled, otherwise only boots PXE when the F12 key is pressed

Table 4 lists servers that must have the latest firmware installed to correctly perform PXE boots.

Table 4: Required ROM Updates for PXE

ProLiant Server	Minimum System ROM Date	Minimum NIC Option ROM Version	Reason
ProLiant BL40p	I02 ROM Family 03/31/2003		(3)
ProLiant DL320	D05 ROM Family 09/10/2001		(1)
ProLiant DL320 G2	D13 ROM Family 03/05/2003		(2)
ProLiant DL360	P21 ROM Family 08/03/2001		(1)
ProLiant DL360 G2	P26 ROM Family 10/15/2003		(2)(4)
ProLiant DL360 G3	P31 ROM Family 01/08/2003		(2)
ProLiant DL380 G3	P29 ROM Family 06/06/2003		(2)

continued

Table 4: Required ROM Updates for PXE *continued*

ProLiant Server	Minimum System ROM Date	Minimum NIC Option ROM Version	Reason
ProLiant DL580	P20 ROM Family 02/14/2002		(1)
ProLiant DL580 G2	P27 ROM Family 11/18/2003	3.2.2	(2)(4)
ProLiant DL585	A01 ROM Family 01/27/2005		(1)
ProLiant DL740	P47 ROM Family 06/19/2003		(1)
ProLiant ML310 G2	W01 ROM Family 03/15/2005		(5)
ProLiant ML330e	D06 ROM Family 02/01/2002		(1)
ProLiant ML350 G3	D14 ROM Family 03/17/2003		(2)
ProLiant ML370 G3	P28 ROM Family 03/25/2003		(2)
ProLiant ML530 G2	P22 ROM Family 11/15/2002		(2)
ProLiant ML570	P20 ROM Family 02/14/2002		(1)
ProLiant ML570 G2	P32 ROM Family 02/04/2003		(2)
(1) Mandatory upgrade for PXE support.			
(2) Required to support Windows 2003 scripted install jobs. Recommended for various bug fixes and enhancements to the PXE firmware (version 3.1.15).			
(3) Recommended upgrade. Refer to Customer Advisory EB030321_CW1.			
(4) Required for server MAC address issue referenced in Table 1.			
(5) Required to support deployment on systems with no diskette drive.			

Bootworks Diskette, RILOE, and iLO with Virtual Floppy

As an alternative to PXE, target servers can connect to the Deployment Server by creating a physical Bootworks diskette with networking support. When booted, the diskette automatically connects to the Altiris Deployment Server. This diskette can be used in the physical diskette drive, or an image of the diskette can be booted through the Virtual Floppy feature of Remote Insight Lights-Out Edition (RILOE) or Integrated Lights-Out (iLO). However, the Virtual Floppy feature of RILOE and iLO is not an integrated feature of the Rapid Deployment Pack.

The boot diskette must use an NDIS2 driver for network connectivity. For this reason, drivers for each type of NIC in your environment are required (for example, Intel® or Broadcom).

IMPORTANT: To use the Virtual Floppy feature of iLO, you must purchase a license key for the Integrated Lights-Out Advanced Pack. For information on the Integrated Lights-Out Advanced Pack, refer to <http://www.hp.com/servers/lights-out>.

NOTE: For details on creating a Bootworks diskette, refer to Chapter 5 of the *HP ProLiant Essentials Rapid Deployment Pack—Windows Edition Installation Guide*.

NOTE: A physical boot diskette can only be used with the headless ProLiant BL e-Class servers with the bootable USB diskette drive attached to the diagnostic adapter or with the headless ProLiant BL p-Class servers using the Virtual Floppy feature of iLO.

Bootworks Partition

Similar to the Bootworks diskette mechanism, a hidden or embedded partition can be created on the hard drive of the server. When the partition is made active and booted, it automatically connects to the Deployment Server.

NOTE: The Bootworks Partition deployment mechanism is not recommended for initial deployments or scripted install redeployments.

Table 5: Deployment Mechanisms for Supported Platforms

Supported Platforms	PXE- Enabled Embedded NIC	PXE- Enabled Stand-Up NIC	Bootworks Diskette	RILOE with Virtual Floppy	iLO with Virtual Floppy	Bootworks Partition
HP blade PC bc1000	X		X			X
ProLiant BL10e	X		X			X
ProLiant BL10e G2	X		X			X
ProLiant BL20p	X				X	X
ProLiant BL20p G2	X				X	X
ProLiant BL20p G3	X				X	X
ProLiant BL25p	X				X	X
ProLiant BL30p	X				X	X
ProLiant BL35p	X				X	X
ProLiant BL40p	X				X	X
ProLiant BL45p <i>NEW</i>	X				X	X
ProLiant DL140	X		X			
ProLiant DL145	X		X			
ProLiant DL320 (ATA and SCSI)	X	X	X	X		X
ProLiant DL320 G2 (ATA and SCSI)	X	X	X	X		X
ProLiant DL320 G3 (SATA and SCSI)	X	X	X	X		X
ProLiant DL360	X	X	X	X		X
ProLiant DL360 G2	X	X	X		X	X
ProLiant DL360 G3	X	X	X		X	X
ProLiant DL360 G4 (SATA and SCSI)	X	X	X		X	X
ProLiant DL360 G4p (SATA and SCSI)	X	X	X		X	X
ProLiant DL380		X	X	X		X
ProLiant DL380 G2	X	X	X	X		X
ProLiant DL380 G2 Packaged Cluster	X	X	X			
ProLiant DL380 G3	X	X	X		X	X
ProLiant DL380 G3 Packaged Cluster	X	X	X			
ProLiant DL380 G4	X	X	X		X	X
ProLiant DL380 G4 Packaged Cluster	X	X	X			
ProLiant DL385	X	X	X		X	X

continued

Table 5: Deployment Mechanisms for Supported Platforms *continued*

Supported Platforms	PXE- Enabled Embedded NIC	PXE- Enabled Stand-Up NIC	Bootworks Diskette	RILOE with Virtual Floppy	iLO with Virtual Floppy	Bootworks Partition
ProLiant DL560	X	X	X		X	X
ProLiant DL580		X	X	X		X
ProLiant DL580 G2		X	X		X	X
ProLiant DL580 G3 <i>NEW</i>		X	X		X	X
ProLiant DL585	X	X	X		X	X
ProLiant DL740	X	X	X		X	X
ProLiant DL760			X	X		X
ProLiant DL760 G2	X	X	X	X		X
ProLiant ML310 (ATA and SCSI)	X	X	X	X		X
ProLiant ML310 G2 (SATA and SCSI)	X	X	X	X		X
ProLiant ML330			X	X		X
ProLiant ML330e	X	X	X	X		X
ProLiant ML330 G2 (ATA and SCSI)	X	X	X	X		X
ProLiant ML330 G3 (ATA and SCSI)	X	X	X	X		X
ProLiant ML350			X	X		X
ProLiant ML350 G2	X	X	X	X		X
ProLiant ML350 G3	X	X	X	X		X
ProLiant ML350 G4	X	X	X	X		X
ProLiant ML350 G4p (SATA and SCSI) <i>NEW</i>	X	X	X	X		X
ProLiant ML370			X	X		X
ProLiant ML370 G2	X	X	X	X		X
ProLiant ML370 G3	X	X	X	X	X	X
ProLiant ML370 G4	X	X	X	X	X	X
ProLiant ML530		X	X	X		X
ProLiant ML530 G2	X	X	X	X		X
ProLiant ML570		X	X	X		X
ProLiant ML570 G2	X	X	X	X		X
ProLiant ML570 G3	X	X	X	X		X
ProLiant ML750			X	X		X
VMware ESX Server 2.5.1 virtual machine	X		X			

Supported Storage Area Network Connectivity

Storage Area Network (SAN) driver support for deploying servers that connect to a SAN and servers that boot from a SAN is provided for the following operating systems:

- Windows 2000 Server
- Windows Server 2003
- Red Hat Enterprise Linux 3 Update 4 for x86
- Red Hat Enterprise Linux 4 for x86
- SUSE LINUX Enterprise Linux 9 Service Pack 1 for x86

SAN driver support is specifically for the following servers:

Table 6: ProLiant Servers Supporting SAN Drivers

ProLiant BL20p G2	ProLiant BL30p
ProLiant BL20p G3	ProLiant BL35p
ProLiant BL25p ¹	

¹ SAN connectivity is not supported for Windows 2000 Server and Windows Server 2003 operating systems.

Manual procedures are required to create the SAN storage and to set up the server hardware to boot from the SAN. For more information, refer to the Rapid Deployment Pack Knowledge Base at <http://www.hp.com/servers/rdp/kb> (Articles 105 and 127).

Supported Operating Systems

The Rapid Deployment Pack jobs in the Altiris Deployment Server Console enable the installation of supported operating systems, using either scripting or imaging, on supported platforms using the supported deployment mechanisms. The following tables display the supported platforms for each supported operating system. The specific platform might support additional operating systems that cannot be installed with the Rapid Deployment Pack.

Microsoft Windows NT 4.0

Microsoft Windows NT® 4.0 with Service Pack 2 or greater can be deployed using only image install to the platforms listed in Table 7. Scripted install is **not** supported.

Table 7: Platforms Supporting Microsoft Windows NT 4.0 Deployment

ProLiant DL320 G2 (ATA)	ProLiant DL760	ProLiant ML350 G3
ProLiant DL320 G2 (SCSI)	ProLiant ML310 (ATA)	ProLiant ML370
ProLiant DL360 G2	ProLiant ML310 (SCSI)	ProLiant ML370 G2
ProLiant DL360 G3	ProLiant ML330	ProLiant ML370 G3
ProLiant DL380	ProLiant ML330e	ProLiant ML530
ProLiant DL380 G2	ProLiant ML330 G2 (ATA)	ProLiant ML530 G2
ProLiant DL380 G3	ProLiant ML330 G2 (SCSI)	ProLiant ML570
ProLiant DL580	ProLiant ML350	ProLiant ML570 G2
ProLiant DL580 G2	ProLiant ML350 G2	ProLiant ML750

Microsoft Windows 2000 Server

Microsoft Windows 2000 Server and Advanced Server are supported. These operating systems can be deployed to the platforms listed in Table 8.

Table 8: Platforms Supporting Microsoft Windows 2000 Server Deployment

ProLiant BL10e	ProLiant DL380	ProLiant ML330e
ProLiant BL10e G2	ProLiant DL380 G2	ProLiant ML330 G2 (ATA)
ProLiant BL20p	ProLiant DL380 G2 Packaged Cluster	ProLiant ML330 G2 (SCSI)
ProLiant BL20p G2	ProLiant DL380 G3	ProLiant ML330 G3 (ATA)
ProLiant BL20p G3	ProLiant DL380 G3 Packaged Cluster	ProLiant ML330 G3 (SCSI)
ProLiant BL25p	ProLiant DL380 G4	ProLiant ML350
ProLiant BL30p	ProLiant DL380 G4 Packaged Cluster	ProLiant ML350 G2
ProLiant BL35p	ProLiant DL385	ProLiant ML350 G3
ProLiant BL40p	ProLiant DL560	ProLiant ML350 G4
ProLiant BL45p NEW	ProLiant DL580	ProLiant ML350 G4p (SATA) NEW
ProLiant DL140 ¹	ProLiant DL580 G2	ProLiant ML350 G4p (SCSI) NEW
ProLiant DL145 ¹	ProLiant DL580 G3 NEW	ProLiant ML370 G2
ProLiant DL320 G2 (ATA)	ProLiant DL585	ProLiant ML370 G3
ProLiant DL320 G2 (SCSI)	ProLiant DL740	ProLiant ML370 G4
ProLiant DL320 G3 (SATA)	ProLiant DL760	ProLiant ML530
ProLiant DL320 G3 (SCSI)	ProLiant DL760 G2	ProLiant ML530 G2
ProLiant DL360 G2	ProLiant ML310 (ATA)	ProLiant ML570
ProLiant DL360 G3	ProLiant ML310 (SCSI)	ProLiant ML570 G2
ProLiant DL360 G4 (SATA) ²	ProLiant ML310 G2 (SATA)	ProLiant ML570 G3
ProLiant DL360 G4 (SCSI)	ProLiant ML310 G2 (SCSI)	ProLiant ML750
ProLiant DL360 G4p (SATA) ² NEW	ProLiant ML330	VMware ESX Server 2.5.1 virtual machine
ProLiant DL360 G4p (SCSI) ² NEW		

¹ Only image install is supported.

² Windows 2000 Service Pack 4 slipstream is required.

Microsoft Windows Server 2003

Microsoft Windows Server 2003, Standard Edition, Enterprise Edition, and Web Edition are supported. These operating systems can be deployed to the platforms listed in Table 9.

IMPORTANT: If you plan to perform scripted installations with PXE, refer to Table 4 for important firmware prerequisites. HP strongly recommends that you use the default UNDI driver in your PXE boot images (instead of the NDIS2 driver).

Table 9: Platforms Supporting Microsoft Windows Server 2003 Deployment

ProLiant BL10e ²	ProLiant DL380	ProLiant ML330 G2 (ATA)
ProLiant BL10e G2 ²	ProLiant DL380 G2	ProLiant ML330 G2 (SCSI)
ProLiant BL20p	ProLiant DL380 G2 Packaged Cluster	ProLiant ML330 G3 (ATA)
ProLiant BL20p G2	ProLiant DL380 G3	ProLiant ML330 G3 (SCSI)
ProLiant BL20p G3	ProLiant DL380 G3 Packaged Cluster	ProLiant ML350
ProLiant BL25p	ProLiant DL380 G4	ProLiant ML350 G2
ProLiant BL30p	ProLiant DL380 G4 Packaged Cluster	ProLiant ML350 G3
ProLiant BL35p	ProLiant DL385	ProLiant ML350 G4
ProLiant BL40p	ProLiant DL560	ProLiant ML350 G4p (SATA) NEW
ProLiant BL45p NEW	ProLiant DL580	ProLiant ML350 G4p (SCSI) NEW
ProLiant DL140 ¹	ProLiant DL580 G2	ProLiant ML370
ProLiant DL145 ¹	ProLiant DL580 G3 NEW	ProLiant ML370 G2
ProLiant DL320 G2 (ATA)	ProLiant DL585	ProLiant ML370 G3
ProLiant DL320 G2 (SCSI)	ProLiant DL740	ProLiant ML370 G4
ProLiant DL320 G3 (SATA)	ProLiant DL760	ProLiant ML530
ProLiant DL320 G3 (SCSI)	ProLiant DL760 G2	ProLiant ML530 G2
ProLiant DL360 G2	ProLiant ML310 (ATA)	ProLiant ML570
ProLiant DL360 G3	ProLiant ML310 (SCSI)	ProLiant ML570 G2
ProLiant DL360 G4 (SATA)	ProLiant ML310 G2 (SATA)	ProLiant ML570 G3
ProLiant DL360 G4 (SCSI)	ProLiant ML310 G2 (SCSI)	ProLiant ML750
ProLiant DL360 G4p (SATA) NEW	ProLiant ML330	VMware ESX Server 2.5.1 virtual machine
ProLiant DL360 G4p (SCSI) NEW	ProLiant ML330e	

¹ Only image install is supported.

² A scripted install can sometimes hang either at the end of the blue screen setup or after completing the NTFS file system conversion. Manually reboot the blade to allow setup to continue normally.

Microsoft Windows XP Professional

Microsoft Windows XP Professional can be deployed using only image install to the platforms listed in Table 10. Scripted install is **not** supported.

Table 10: Platforms Supporting Microsoft Windows XP Professional Deployment

HP blade PC bc1000

Red Hat Enterprise Linux AS/ES 3 Update 4 for x86

These operating systems can be deployed to the platforms listed in Table 11.

Table 11: Platforms Supporting Red Hat Enterprise Linux AS/ES 3 Update 4 for x86 Deployment

ProLiant BL10e	ProLiant DL360 G4 (SATA)	ProLiant ML310 G2 (SCSI)
ProLiant BL10e G2	ProLiant DL360 G4 (SCSI)	ProLiant ML330 G2 (SCSI)
ProLiant BL20p	ProLiant DL360 G4p (SATA) <i>NEW</i>	ProLiant ML330 G3 (SCSI)
ProLiant BL20p G2	ProLiant DL360 G4p (SCSI) <i>NEW</i>	ProLiant ML350 G2
ProLiant BL20p G3	ProLiant DL380 G2	ProLiant ML350 G3
ProLiant BL25p	ProLiant DL380 G3	ProLiant ML350 G4
ProLiant BL30p	ProLiant DL380 G4	ProLiant ML350 G4p (SATA) <i>NEW</i>
ProLiant BL35p	ProLiant DL385	ProLiant ML350 G4p (SCSI) <i>NEW</i>
ProLiant BL40p	ProLiant DL560	ProLiant ML370 G2
ProLiant BL45p <i>NEW</i>	ProLiant DL580	ProLiant ML370 G3
ProLiant DL140 ¹	ProLiant DL580 G2	ProLiant ML370 G4
ProLiant DL145 ¹	ProLiant DL580 G3 <i>NEW</i>	ProLiant ML530
ProLiant DL320 (SCSI)	ProLiant DL585	ProLiant ML530 G2
ProLiant DL320 G2 (SCSI)	ProLiant DL740	ProLiant ML570
ProLiant DL320 G3 (SATA)	ProLiant DL760	ProLiant ML570 G2
ProLiant DL320 G3 (SCSI)	ProLiant DL760 G2	ProLiant ML570 G3
ProLiant DL360 G2	ProLiant ML310 (SCSI)	ProLiant ML750
ProLiant DL360 G3	ProLiant ML310 G2 (SATA)	VMware ESX Server 2.5.1 virtual machine

¹ Only image install is supported.

Red Hat Enterprise Linux AS/ES 3 Update 4 for AMD64 and Intel EM64T

These operating systems can be deployed using only scripted install to the platforms listed in Table 12. Image install is **not** supported.

Table 12: Platforms Supporting Red Hat Enterprise Linux AS/ES 3 Update 4 for AMD64 and Intel EM64T Deployment

ProLiant BL20p G3	ProLiant DL360 G4 (SCSI)	ProLiant ML310 G2 (SATA) ¹
ProLiant BL25p	ProLiant DL360 G4p (SATA) <i>NEW</i>	ProLiant ML310 G2 (SCSI) ¹
ProLiant BL35p	ProLiant DL360 G4p (SCSI) <i>NEW</i>	ProLiant ML350 G4
ProLiant BL45p <i>NEW</i>	ProLiant DL380 G4	ProLiant ML350 G4p (SATA) <i>NEW</i>
ProLiant DL320 G3 (SATA) ¹	ProLiant DL385	ProLiant ML350 G4p (SCSI) <i>NEW</i>
ProLiant DL320 G3 (SCSI) ¹	ProLiant DL580 G3 <i>NEW</i>	ProLiant ML370 G4
ProLiant DL360 G4 (SATA)	ProLiant DL585	ProLiant ML570 G3

¹ This server ships with several processor types. The EM64T-capable processor is required for this operating system.

Red Hat Enterprise Linux AS/ES 4 for x86

These operating systems can be deployed using only scripted install to the platforms listed in Table 13. Image install is **not** supported.

Table 13: Platforms Supporting Red Hat Enterprise Linux AS/ES 3 Update 4 for x86 Deployment

ProLiant BL10e	ProLiant DL360 G4 (SCSI)	ProLiant ML310 G2 (SCSI)
ProLiant BL10e G2	ProLiant DL360 G4p (SATA) NEW	ProLiant ML330 G2 (SCSI)
ProLiant BL20p	ProLiant DL360 G4p (SCSI) NEW	ProLiant ML330 G3 (SCSI)
ProLiant BL20p G2	ProLiant DL380 G2	ProLiant ML350 G2
ProLiant BL20p G3	ProLiant DL380 G3	ProLiant ML350 G3
ProLiant BL25p	ProLiant DL380 G4	ProLiant ML350 G4
ProLiant BL30p	ProLiant DL385	ProLiant ML350 G4p (SATA) NEW
ProLiant BL35p	ProLiant DL560	ProLiant ML350 G4p (SCSI) NEW
ProLiant BL40p	ProLiant DL580 G2	ProLiant ML370 G3
ProLiant BL45p NEW	ProLiant DL580 G3 NEW	ProLiant ML370 G4
ProLiant DL320 G2 (SCSI)	ProLiant DL585	ProLiant ML530
ProLiant DL320 G3 (SATA)	ProLiant DL740	ProLiant ML530 G2
ProLiant DL320 G3 (SCSI)	ProLiant DL760 G2	ProLiant ML570
ProLiant DL360 G2	ProLiant ML310 (SCSI)	ProLiant ML570 G2
ProLiant DL360 G3	ProLiant ML310 G2 (SATA)	ProLiant ML570 G3
ProLiant DL360 G4 (SATA)		

Red Hat Enterprise Linux AS/ES 4 for AMD64 and Intel EM64T

These operating systems can be deployed using only scripted install to the platforms listed in Table 14. Image install is **not** supported.

Table 14: Platforms Supporting Red Hat Enterprise Linux AS/ES 3 Update 4 for AMD64 and Intel EM64T Deployment

ProLiant BL20p G3	ProLiant DL360 G4 (SCSI)	ProLiant ML310 G2 (SATA) ¹
ProLiant BL25p	ProLiant DL360 G4p (SATA) <i>NEW</i>	ProLiant ML310 G2 (SCSI) ¹
ProLiant BL35p	ProLiant DL360 G4p (SCSI) <i>NEW</i>	ProLiant ML350 G4
ProLiant BL45p <i>NEW</i>	ProLiant DL380 G4	ProLiant ML350 G4p (SATA) <i>NEW</i>
ProLiant DL320 G3 (SATA) ¹	ProLiant DL385	ProLiant ML350 G4p (SCSI) <i>NEW</i>
ProLiant DL320 G3 (SCSI) ¹	ProLiant DL580 G3 <i>NEW</i>	ProLiant ML370 G4
ProLiant DL360 G4 (SATA)	ProLiant DL585	ProLiant ML570 G3

¹ This server ships with several processor types. The EM64T-capable processor is required for this operating system.

SUSE LINUX Enterprise Server 9 Service Pack 1 for x86

This operating system can be deployed to the platforms listed in Table 15.

Table 15: Platforms Supporting SUSE Linux Enterprise Server 9 Service Pack 1 for x86 Deployment

ProLiant BL10e	ProLiant DL360 G4 (SATA)	ProLiant ML310 G2 (SCSI)
ProLiant BL10e G2	ProLiant DL360 G4 (SCSI)	ProLiant ML330 G2 (SCSI)
ProLiant BL20p	ProLiant DL360 G4p (SATA) <i>NEW</i>	ProLiant ML330 G3 (SCSI)
ProLiant BL20p G2	ProLiant DL360 G4p (SCSI) <i>NEW</i>	ProLiant ML350 G3
ProLiant BL20p G3	ProLiant DL380 G3 ¹	ProLiant ML350 G4
ProLiant BL25p	ProLiant DL380 G4	ProLiant ML350 G4p (SATA) <i>NEW</i>
ProLiant BL30p	ProLiant DL385	ProLiant ML350 G4p (SCSI) <i>NEW</i>
ProLiant BL35p	ProLiant DL560	ProLiant ML370 G3
ProLiant BL40p	ProLiant DL580	ProLiant ML370 G4
ProLiant BL45p <i>NEW</i>	ProLiant DL580 G2	ProLiant ML530 G2
ProLiant DL320 (SCSI)	ProLiant DL580 G3 <i>NEW</i>	ProLiant ML570
ProLiant DL320 G2 (SCSI)	ProLiant DL585	ProLiant ML570 G2
ProLiant DL320 G3 (SATA)	ProLiant DL740	ProLiant ML570 G3
ProLiant DL320 G3 (SCSI)	ProLiant DL760 G2	VMware ESX Server 2.5.1 virtual machine
ProLiant DL360 G3	ProLiant ML310 G2 (SATA)	

¹ This server requires a system ROM dated 06/06/2003 or later when installing SUSE LINUX

SUSE LINUX Enterprise Server 9 Service Pack 1 for AMD64 and Intel EM64T

This operating system can be deployed using only scripted install to the platforms listed in Table 16. Image install is **not** supported.

Table 16: Platforms Supporting SUSE LINUX Enterprise Server 9 Service Pack 1 for AMD64 and Intel EM64T Deployment

ProLiant BL20p G3	ProLiant DL360 G4 (SCSI)	ProLiant ML310 G2 (SATA) ¹
ProLiant BL25p	ProLiant DL360 G4p (SATA) <i>NEW</i>	ProLiant ML310 G2 (SCSI) ¹
ProLiant BL35p	ProLiant DL360 G4p (SCSI) <i>NEW</i>	ProLiant ML350 G4
ProLiant BL45p <i>NEW</i>	ProLiant DL380 G4	ProLiant ML350 G4p (SATA) <i>NEW</i>
ProLiant DL320 G3 (SATA) ¹	ProLiant DL385	ProLiant ML350 G4p (SCSI) <i>NEW</i>
ProLiant DL320 G3 (SCSI) ¹	ProLiant DL580 G3 <i>NEW</i>	ProLiant ML370 G4
ProLiant DL360 G4 (SATA)	ProLiant DL585	ProLiant ML570 G3

¹ This server ships with several processor types. The EM64T-capable processor is required for this operating system.

VMware ESX Server 2.5.1

This operating system can be deployed using only scripted install to the platforms listed in Table 17. Image install is **not** supported.

Table 17: Platforms Supporting VMware ESX Server 2.5.1 Deployment

ProLiant BL20p	ProLiant DL360 G4 (SCSI)	ProLiant DL585 ¹
ProLiant BL20p G2	ProLiant DL380 G2	ProLiant DL740
ProLiant BL20p G3	ProLiant DL380 G3	ProLiant DL760 G2
ProLiant BL25p <i>NEW</i>	ProLiant DL380 G4	ProLiant ML370 G3
ProLiant BL40p	ProLiant DL385 <i>NEW</i>	ProLiant ML370 G4 <i>NEW</i>
ProLiant DL360 G2	ProLiant DL560	ProLiant ML570 G2
ProLiant DL360 G3	ProLiant DL580 G2	

¹ This server requires a system ROM dated 01/27/2005 or later.
