What's New for SmartStart 8.60
Intended audience

This document is for the person who installs, administers, and troubleshoots servers and storage systems. HP assumes you are qualified in the servicing of computer equipment and trained in recognizing hazards in products with hazardous energy levels.
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New SmartStart features

- Added support for newly released HP ProLiant ML, DL and SL 300, 500, 700, and 900 Series servers, HP ProLiant BL server blades, and HP BladeSystem c-Class enclosures and options
- Removed support from the SmartStart and ProLiant Support Packs version 8.60 for the following servers:
  - HP ProLiant BL20p G4 Server Blade
  - HP ProLiant BL25p Server Blade
  - HP ProLiant BL25p G2 Server Blade
  - HP ProLiant BL35p Server Blade
  - HP ProLiant DL320 G4 Server
  - HP ProLiant DL360 G4p Server
  - HP ProLiant DL380 G4 Server
  - HP ProLiant DL385 Server
  - HP ProLiant DL580 G4 Server
  - HP ProLiant ML350 G4p Server
  - HP ProLiant ML570 G4 Server
ProLiant Support Pack

New operating system support

Added support for the following operating system:

- SUSE LINUX Enterprise Server 11 SP1
- Windows® HPC Server 2008 R2 (PSP support only)

Microsoft® Windows®

Included drivers for the following new components in the HP ProLiant Support Pack (PSP) 8.60 for Windows®:

- Combined Chipset Identifier for Windows Server x32 and x64 Editions. The AMD and Intel chipset components are now contained in the combined chipset component.

Removed drivers for the following components from the ProLiant Support Pack (PSP) 8.60 for Windows®:

- HP ProLiant iLO Advanced and Enhanced System Management Controller Driver for Windows Server 2003 and 2008 x32 and x64 Editions
- HP ProLiant 64-Bit/66-Mhz Dual Channel Wide Ultra3 SCSI Controller Driver for Windows Server 2003
- HP ProLiant ATI RAGE XL Video Controller Driver for Windows Server 2003
- AMD Chipset Identifier for Windows Server 2003/2008 x32 and x64 Editions
- Intel Chipset Identifier for Windows Server 2003/2008 x32 and x64 Editions
- HP 6-Port SATA RAID Controller Driver for Windows 2000/Windows Server 2003 x32 and x64 Editions
- HP ProLiant Storage System Driver for Windows Server 2003 x64 Editions
- HP ProLiant Rack Infrastructure Interface Service for Windows Server 2003/2008 x32 and x64 Editions
- HP ProLiant IPMI Provider for Windows

NetWare

SmartStart version 7.91 was the last release that contained NetWare PSP. The NetWare PSP will continue to be available on the web for download.

Linux

Included drivers for the following new components in the Linux ProLiant Support Pack (PSP) 8.60 for Linux:

- There are no new components included in this release.
Removed drivers for the following components from the Linux ProLiant Support Pack (PSP) 8.60 for Linux:

- HP NC-Series Broadcom 1Gb and 10GbE Multifunction and iSCSI Drivers for SUSE LINUX Enterprise Server 11. HP recommends using the driver provided with the SUSE LINUX Enterprise Server 11 operating system.
New features for Smart Update Manager

New features for Smart Update Manager in this release:

- Added "Host Search" options on the Select Installation Host(s) screen
There are no new feature updates for this release.
Hardware support

History of previous releases

SmartStart 8.50

- Added support for newly released HP ProLiant ML and HP ProLiant DL 300, 500, and 700 Series servers, HP ProLiant BL server blades, and HP BladeSystem c-Class enclosures and options.

- As of SmartStart version 8.50, only baseline support is included for the following servers. Support for these servers will be removed from the 8.60 versions of SmartStart and ProLiant Support Packs:
  - HP ProLiant BL25p Server Blade
  - HP ProLiant DL360 G4p Server
  - HP ProLiant DL380 G4 Server
  - HP ProLiant ML350 G4p Server

- Removed support from the SmartStart and ProLiant Support Packs for the following servers:
  - HP ProLiant BL20p G3 Server Blade
  - HP ProLiant BL45p Server Blade
  - HP ProLiant BL45p G2 Server Blade
  - HP ProLiant DL580 G3 Server
  - HP ProLiant DL585 Server
  - HP ProLiant ML370 G4 Server
  - HP ProLiant ML570 G3 Server

- Added support for the Red Hat Enterprise Linux 5.5 operating system.

- Included drivers for the following new components in the HP ProLiant Support Pack (PSP) 8.50 for Windows®:
  - HP NC-Series Intel® E1R Driver for Windows operating systems
  - Matrox G200eH Video Controller Driver for Windows operating systems
  - HP Storageworks x64 Brocade Storport Fibre Channel Host Bus Adapter Driver for Microsoft Windows Server 2008 R2

- Removed drivers for the following components from the ProLiant Support Pack (PSP) 8.50 for Windows®:
  - HP ProLiant Remote Insight Lights-Out II Board Driver for Windows Server® 2003
  - HP ProLiant Remote Insight Lights-Out II Board Driver for Windows Server® 2003 x64 Editions

- There were no new components or drivers included in the Linux ProLiant Support Pack (PSP) 8.50 for Linux.

- Removed the HP NC-Series Broadcom iSCSI daemon for Linux iSCSI Driver from the Linux ProLiant Support Pack (PSP) 8.50 for Linux.

- There were no new features updated for Smart Update Manager.

- Included a fix for dependency checking for Linux RPMs.
• Completed support for input file functionality.
• There were no new feature updated for HP Insight Diagnostics.

**SmartStart 8.40**

• Added support for newly released HP ProLiant ML and HP ProLiant DL 300, 500, and 700 Series servers, HP ProLiant BL server blades, and HP BladeSystem c-Class enclosures and options.

• Compressed SmartStart PSP components are available on HP ProLiant servers configured with Microsoft® Windows Server® 2003 or Microsoft® Windows Server® 2008. The PSP component directory contains a single, self-extracting archive file containing all components and HPSUM. Autorun has been enhanced to decompress the archive automatically to a temporary folder before running. To decompress the archive manually from the released ISO in Microsoft® Windows®, double click on the binary in Windows Explorer.

• Provided the ability to save and replay SmartStart interview answers during deployment. When booted from a USB key, there is an option to save the interview answers in a named file on the USB key. During subsequent installations, click the **Run Saved Installation** icon to run an identical installation without going through the interview process again.

• Provided baseline support for the following servers. Support for these servers will be removed from the 8.50 versions of SmartStart and ProLiant Support Packs:
  - HP ProLiant BL20p G3 Server Blade
  - HP ProLiant BL45p Server Blade
  - HP ProLiant BL45p G2 Server Blade
  - HP ProLiant DL580 G3 Server
  - HP ProLiant DL585 Server
  - HP ProLiant ML370 G4 Server
  - HP ProLiant ML570 G3 Server

• Removed support for the following servers in the 8.40 versions of SmartStart and ProLiant Support Packs:
  - HP ProLiant DL320 G3 Server
  - HP ProLiant DL360 G4 Server
  - HP ProLiant ML310 G2 Server
  - HP ProLiant ML310 G3 Server
  - HP ProLiant ML310 G4 Server
  - HP ProLiant ML350 G4 Server

• Added support for the following operating systems:
  - SUSE Linux Enterprise Server 10 SP3
  - Red Hat Enterprise Linux 5.4

• Added support in the HP ProLiant Support Pack (PSP) 8.40 for Windows® for the following components:
  - HP NC-Series ServerEngines BE2 10Gb Driver for Windows®
  - HP NC-Series ServerEngines BE2 10Gb Driver for Windows®
• HP NC-Series Mellanox 10GbE Driver for Windows®
• PFA Server Registry Update for Windows®
• HP StorageWorks Fibre Channel Over Ethernet Adapter Kit for the x86 and x64 Emulex Storport Driver
• HP ProLiant iLO 3 Management Controller Driver Package for Windows Server® x86 and x64
• AMD Chipset Identifier for Windows Server® 2003/2008 x86 and x64 Editions

- Removed the following drivers from ProLiant Support Pack (PSP) 8.40 for Windows®:
  - SmartStart and Windows Server® 2003 PSP version 8.40 will be the last release to provide support for the following drivers:
    - HP ProLiant Remote Insight Lights-Out II Board Driver for Windows Server® 2003
    - HP ProLiant Remote Insight Lights-Out II Board Driver for Windows Server® 2003 x64 Editions

- Included HP Smart Update Manager (HPSUM) for Linux to deploy drivers and software instead of the Linux Deployment Utility (LDU). HPSUM provides the same manageability, added flexibility, more features, and enhanced functionality.

- Included the following Linux PSP version 8.40 updates:
  - HPSUM enables support for RPM files. In the Linux PSP version 8.31 and earlier, LDU utilizes the TAR.GZ file format for all drivers, agents, and utility/tool files.
  - HPSUM uses native RPMs instead of the RPM tarball format that LDU used; therefore, HP SUM enables updated RPMs to be added and deployed with the files provided with the Linux PSP. This provides additional flexibility because the Linux PSP no longer needs to be modified to support later releases of key software.
  - HPSUM now allows users to deploy RPMs both locally on a server and remotely to multiple servers (up to 29 concurrently). The LDU only allowed deployment to a local server. As part of the new remote RPM deployment support, HP SUM is able to deploy to target servers running different versions and distributions than where it is being executed from. Therefore, it is not a requirement that the local system and the remote servers be running the same version or kernel of a Linux distribution in order to be updated.

- Included support for the following new components in the ProLiant Support Pack (LSP) 8.40 for Linux:
  - HP NC-Series ServerEngines be2net 10GbE Driver for Linux
  - HP NC-Series Mellanox 10GbE Driver for Linux
  - HP NC-Series Broadcom iSCSI daemon for Linux iSCSI Driver
  - Tools Package for HP NC-Series QLogic Driver for Linux
  - HP NC-Series QLogic Driver for Linux

- Removed drivers from the ProLiant Support Pack (LSP) 8.40 for Linux:
  - HP NC-Series NetXen Driver for Linux
  - HP Linux Driver Kit for Emulex Based Fibre Channel Host Bus Adapters for 2.6.x Kernels has been removed from the HP PSP Linux version 8.40, SUSE LINUX Enterprise Server 10 only. Baseline support is available in version 8.30.
  - Removed the following drivers from the HP PSP Linux version 8.40, Red Hat Enterprise Linux 4. Baseline support is available in version 8.30:
— HP ProLiant 64-Bit/66-Mhz Dual Channel Wide Ultra3 SCSI Controller Driver for Red Hat Enterprise Linux 4
— HP 6-Port SATA RAID Controller Driver for Red Hat Enterprise Linux 4

• Included the following updates to HP Smart Update Manager:
  o Added the ability to deploy native Linux RPMs. Support for downloading RPMs directly from the HP website (http://www.hp.com) is scheduled to be in a future release.
  o Added the following command line parameters:
    — /firmware_report generates a report listing the firmware installed on and details of the target.
    — /On_failed_dependency provides HP Smart Update Manager the information on how to proceed when a component has a failed dependency.
  o Provided all reports in XML format as well as HTML format.
  o Added component criticality icon to each component listed on the Select Items to be Installed screen.
  o Changed the Bundle Select screen to comply with the supported OS layout.
  o Added the HP Smart Update Manager User Guide.

• There were no new updates for HP Insight Diagnostics.

**SmartStart 8.30**

• Support for newly released HP ProLiant ML/DL 300, 500, and 700 Series servers, HP ProLiant BL server blades, and HP BladeSystem c-Class enclosures and options
• Support for newly released server options
• As of SmartStart version 8.30, only baseline support is available for the following servers, and will be removed from the 8.40 versions of SmartStart and ProLiant Support Packs:
  o HP ProLiant DL320 G3 Server
  o HP ProLiant DL360 G4 Server
  o HP ProLiant ML310 G2 Server
  o HP ProLiant ML310 G3 Server
  o HP ProLiant ML310 G4 Server
  o HP ProLiant ML350 G4 Server

• Support has been removed in the 8.30 versions of SmartStart and ProLiant Support Packs for the following servers:
  o HP ProLiant BL20p G2 Server Blade
  o HP ProLiant BL30p Server Blade
  o HP ProLiant BL40p Server Blade
  o HP ProLiant DL360 G2 Server
  o HP ProLiant DL360 G3 Server
  o HP ProLiant DL380 G2 Server
  o HP ProLiant DL560 Server
- HP ProLiant DL580 G2 Server
- HP ProLiant DL760 G2 Server
- HP ProLiant ML350 G2 Server
- HP ProLiant ML350 G3 Server
- HP ProLiant ML370 G3 Server
- HP ProLiant ML530 G2 Server
- HP ProLiant ML570 G2 Server

- New operating system support:
  - Red Hat Enterprise Linux 4.8
  - Microsoft® Windows Server® 2008 R2
  - Microsoft® Windows Server® 2008 R2 Foundation Edition, supported only on the following single socket servers:
    - HP ProLiant DL320 G5p Server
    - HP ProLiant DL320 G6 Server
    - HP ProLiant ML310 G5 Server

- New components for ProLiant Support Pack (PSP) 8.30 for Windows®:
  - HP Storageworks x86 Brocade Storport Fibre Channel Host Bus Adapter Driver for Microsoft® Windows Server® 2003
  - HP Storageworks x64 Brocade Storport Fibre Channel Host Bus Adapter Driver for Microsoft® Windows Server® 2003
  - HP Storageworks x64 Brocade Storport Fibre Channel Host Bus Adapter Driver for Microsoft® Windows Server® 2008
  - HP Storageworks x86 Brocade Storport Fibre Channel Host Bus Adapter Driver for Microsoft® Windows Server® 2008
  - ACPI-Compliant Power Meter Device Identifier for Windows Server® 2003/2008
  - ACPI-Compliant Power Meter Device Identifier for Windows Server® 2003/2008 x64 Editions

- Removed drivers for ProLiant Support Pack (PSP) 8.30 for Windows®:
  - HP StorageWorks Fibre Channel Array Notification Driver for Windows Server® 2003/2008
  - HP StorageWorks Fibre Channel Array Notification Driver for Windows Server® 2003/2008 x64 Editions

- SmartStart version 7.91 was the last release that contained NetWare PSP. The NetWare PSP will continue to be available on the web for download. See the HP website (http://www.hp.com).

- There were no new components for ProLiant Support Pack (LSP) 8.30 for Linux.

- Removed drivers for ProLiant Support Pack (LSP) 8.30 for Linux:
  - HP 6-Port SATA RAID Controller Driver for SUSE Linux Enterprise Server 10

- There were no new updates for HP Smart Update Manager.

- Starting with SmartStart CD version 8.30, HP Insight Diagnostics uses native 64-bit program codes. This migration from 32-bit HP Insight Diagnostics has been implemented on both 32-bit and 64-bit SmartStart boot environments.
SmartStart 8.25

Changes to the HP ProLiant Essentials Foundation Pack:

- The pack includes two SmartStart CDs, the Firmware Maintenance CD, and the Management DVD.

- Naming of the HP ProLiant Essentials Foundation Pack is changing.
  The naming of the HP ProLiant Essentials Foundation Pack is changing to HP Insight Foundation suite for ProLiants. The naming change becomes effective June 2009. There are no changes to the individual CDs/DVD in regard to naming or content.

- Delivery method of the HP ProLiant Essentials Foundation Pack is changing.
  To support HP’s commitment to reduce our overall environmental impact, the HP ProLiant Essentials Pack is available as a selectable option for the 300/500 G6 and later servers at the time servers are ordered through CTO. This change allows customers the flexibility to order the number of media kits that best meet their needs, eliminating the receipt of unnecessary duplicate media.
  This change starts with the G6 servers. No change is being made to previous generations. BTO products will continue to ship with the ProLiant Essentials Foundation Pack.
  To ensure that customers continue to have access to the latest updates, the contents of this kit are available as a downloadable ISO image from HP at the following HP websites:
    - HP ProLiant Essentials Foundation Pack (http://www.hp.com/go/foundation)
    - SmartStart CD (http://www.hp.com/cgi-bin/hpsupport/index.pl)
    - Management DVD (http://www.hp.com/go/foundation)

- Support for newly released HP ProLiant ML/DL 300, 500, and 700 Series servers, HP ProLiant BL server blades, and HP BladeSystem c-Class enclosures and options

- Support for newly released server options

- SmartStart version 8.20 was the last release that contained SUSE LINUX Enterprise Server 9 (x86 and AMD64/EM64T)

- As of SmartStart version 8.25, only baseline support is available for the following servers, and will be removed from 8.30 versions of SmartStart and ProLiant Support Packs:
  - HP ProLiant BL20p G2 Server Blade
  - HP ProLiant BL30p Server Blade
  - HP ProLiant BL40p Server Blade
  - HP ProLiant DL360 G2 Server
  - HP ProLiant DL360 G3 Server
  - HP ProLiant DL380 G2 Server
  - HP ProLiant DL560 Server
  - HP ProLiant DL580 G2 Server
  - HP ProLiant DL760 G2 Server
  - HP ProLiant ML350 G2 Server
  - HP ProLiant ML350 G3 Server
  - HP ProLiant ML370 G3 Server
  - HP ProLiant ML530 G2 Server
  - HP ProLiant ML570 G2 Server
• New operating system support:
  o Microsoft® Windows Server® 2008 SP2
  o SUSE LINUX Enterprise Server 11 (x86 and AMD64/EM64T)
  o Replaces SUSE LINUX Enterprise Server 9 (x86 and AMD64/EM64T)
  o Microsoft® Windows Server® 2008 Foundation
    Supported only on the following single socket servers:
    — HP ProLiant DL320 G5p Server
    — HP ProLiant DL320 G6 Server
    — HP ProLiant ML310 G5 Server

• New driver for ProLiant Support Pack (PSP) 8.25 for Windows®: QLogic 1GB PCI Ethernet NDIS Miniport Driver for Windows®

• Removed driver for ProLiant Support Pack (PSP) 8.25 for Windows®: HP ProLiant Array Diagnostics Utility for Windows®. This functionality is now part of Array Configuration Utility.

• Removed drivers for PSP for NetWare: SmartStart version 7.91 was the last release that contained NetWare PSP. The NetWare PSP will continue to be available on the web for download.

• With SUSE Enterprise Linux 11 and Red Hat Enterprise Linux 5.3, the HP StorageWorks QLogic Fibre Channel Driver for 2.6x Kernels, HP StorageWorks QLogic Fibre Channel Drive for c-Class Blade Servers, and HP Linux Driver Kit for Emulex Based Fibre Channel Host Bus Adapter for 2.6.x Kernels components are provided in the OS distribution and are no longer included in the ProLiant Support Pack.

• New component for ProLiant Support Pack (LSP) 8.20.25 for Linux: HP Fibre Channel Enablement Kit for Linux (RHEL5 and SLES11 only)

• Removed drivers for ProLiant Support Pack (LSP) 8.25 for Linux:
  o HP ProLiant Array Diagnostics Utility for Linux. This functionality is now part of Array Configuration Utility.
  o HP NC-Series NetXen Linux Socket Acceleration

• HP Smart Update Manager
  o Source Selection Screen—This new screen enables the user to specify where to obtain components for updating the targets by using one or more of the following methods:
    — Specify a directory
      This option enables you to select the source directory for the components you want to deploy. The directory can be located on a locally accessible file system. The default location is the directory from which HP Smart Update Manager is executed.
    — Check ftp.hp.com
      This option enables you to obtain firmware and software components located on the HP ftp site. The ftp site contains the latest versions of the firmware and software components available from HP. The applicable components, denoted with an HP.com icon, are available for selection on the Select Items to be Installed screen. When using this method, both firmware and software components are available for selection, depending on the options set on the Set Bundle Filter screen.
The components are not downloaded from the HP ftp site to a target until you select the **Install** button, unless the component is needed to discover supported devices. If components are needed for discovery, you are prompted to allow this action.

- **Include components previously downloaded from HP.com**
  This option includes the components that have been previously downloaded from the HP ftp site as available for selection on the Select Items to be Installed screen. The default location for the previously downloaded components is the `%TEMP%\hp_sum\RepositoryManager\Repxx\<component_number>` directory.

- **HPSUM enhanced logging**
  A new log file that contains detailed information on the execution of HP Smart Update Manager. The filename is `hpsum_execution_log_<date>_<time>.log` and is normally located in `C:\cpqsystem\hp\log` directory in Windows® and the `/var/hp/log/` directory in Linux.

- **Starting with SmartStart CD version 8.25,** the HP Insight Diagnostics "Survey" data displays a new section called "Redundant Power Supply Mode" under the existing category "Internal Conditions." Depending on the RBSU setting of the server, the application displays the data either as "High Efficiency Mode" or "Balanced."

### SmartStart 8.20

Changes to the HP ProLiant Essentials Foundation Pack:

- The pack includes two SmartStart CDs, the Firmware Maintenance CD, and the Maintenance DVD.

- **Naming of the HP ProLiant Essentials Foundation Pack is changing.**
  The naming of the HP ProLiant Essentials Foundation Pack is changing to HP Insight Foundation suite for ProLiant. The naming change becomes effective June 2009. There are no changes to the name or content of individual CDs or DVDs.

- **Delivery method of the HP ProLiant Essentials Foundation Pack is changing.**
  To support HP's commitment to reduce our overall environmental impact, the HP ProLiant Essentials Pack is available as a selectable option for the 300/500 G6 and newer servers at the time servers are ordered through CTO. This change provides customers the flexibility to order the number of media kits that best meet their needs, eliminating the receipt of unnecessary duplicate media.

  This change starts with the G6 servers. No change is being made to previous generations. BTO products will continue to ship with the ProLiant Essentials Foundation Pack.

  To ensure that customers continue to have access to the latest updates, the contents of this kit are available as a downloadable ISO image from HP at the following HP websites:
  - **SmartStart CD** ([http://www.hp.com/cgi-bin/hpsupport/index.pl](http://www.hp.com/cgi-bin/hpsupport/index.pl))
  - **Management DVD** ([http://www.hp.com/go/foundation](http://www.hp.com/go/foundation))

- **Support for newly released HP ProLiant ML/DL 300, 500, and 700 Series servers, HP ProLiant BL server blades, and HP BladeSystem c-Class enclosures and options**

- **Support for newly released server options**

- **As of SmartStart version 8.20,** only baseline support is available for the following servers, and will be removed from 8.30 versions of SmartStart and ProLiant Support Packs:
  - **HP ProLiant BL20p G2 Server Blade**
• New operating system support: Red Hat Enterprise Linux 5.3 (x86 and AMD64/EM64T)
• New drivers for ProLiant Support Pack (PSP) 8.20 for Windows®:
  o HP NC-Series Intel N1Q Driver for Windows®
  o HP NC-Series NetXen nx3 Multifunction Driver for Windows®
  o QLogic iSCSI HBA STOR Miniport driver for Windows®
• Removed drivers for ProLiant Support Pack (PSP) 8.20 for Windows®:
  HP ProLiant Advanced System Management Controller Driver for Windows Server® 2003
• Removed drivers for PSP for NetWare:
  SmartStart version 7.91 was the last release that contained NetWare PSP. The NetWare PSP will
  continue to be available on the web for download.
• New drivers for ProLiant Support Pack (LSP) 8.20 for Linux:
  o HP NC-Series Intel e1000e driver for Linux
  o QLogic iSCSI driver for Linux
  o HP NC-Series Intel igb driver for Linux
• Starting with SmartStart CD version 8.10, the Diagnosis tool within HP Insight Diagnostics is
  available in the Offline Edition of HP Insight Diagnostics version 8.1.1. Previously, the Smart Disk
  Array Diagnosis tool was available only in the Online Editions of HP Insight Diagnostics delivered
  through ProLiant Support Packs.
• Starting with SmartStart CD version 8.10 and PSP 8.11/LSP 8.11, the Disk Array Diagnosis tool has
  been enhanced to support the new generation of intelligent Power Supplies offered with selected
  ProLiant servers. This tool enables users to diagnose and troubleshoot power supply-related problems
  and perform repair with the aid of Recommended Repair Action (RRA) messages when displayed on
  the screen. The user interface in this enhanced version of the Diagnosis tool might appear similar to
  previous versions; however, the internal conditions governing functionality might be different than
  Disk Array Diagnosis. When a user attempts to run Diagnosis, it automatically detects the hardware
  configuration and presents to the user interface only those devices that are applicable for Diagnosis.
  Software logic within Diagnosis determines if a particular power supply or disk drive is able to
  perform necessary testing.
SmartStart 8.15

- Support for newly released HP ProLiant ML/DL 300, 500, and 700 Series servers, HP ProLiant BL server blades, and HP BladeSystem c-Class enclosures and options
- Support for newly released server options
- New operating system support: Red Hat Enterprise Linux 4.7 (x86 and AMD64/EM64T)
- Microsoft® Windows®:
  - New drivers for ProLiant Support Pack (PSP) 8.15 for Windows®:
    - HP SC08Ge Host Bus Adapter
    - Network Controller Driver Ethernet
- NetWare: Removed drivers for PSP for NetWare: SmartStart version 7.91 was the last release that contained NetWare PSP. The NetWare PSP will continue to be available on the web for download.
- Linux: No new drivers for ProLiant Support Pack (LSP) 8.15 for Linux.

SmartStart 8.10

- Support for newly released HP ProLiant ML/DL 300, 500, and 700 Series servers, HP ProLiant BL server blades, and HP BladeSystem c-Class enclosures and options
- Support for newly released server options
- New operating system support:
  - Red Hat Enterprise Linux 5.2 (x86 and AMD64/EM64T)
  - SUSE Linux Enterprise 10 SP2 (x86 and AMD64/EM64T)
- Microsoft® Windows®:
    - MSA20, MSA500, and MSA500 G2 support
    - Updated CIM software identity usage to enable SEC/SCCM support
  - New drivers for ProLiant Support Pack (PSP) 8.11 for Windows®:
    - Trusted Platform Module Identifier for Windows Server® 2003
    - Storport miniport driver for the HP ProLiant Integrated SATA Controller Driver for Windows Server® 2003 x86 Edition
    - HP NC-Series Broadcom 10GbE Multifunction Driver for Windows Server® 2003
  - Removed drivers for ProLiant Support Pack (PSP) 8.11 for Windows®:
    - This is the last release of the SmartStart and Windows® 2003 PSP 8.10 to provide support for the following driver:
      HP ProLiant Advanced System Management Controller driver (cpqasm.sys)
  - SmartStart version 7.91 was the last release that contains Windows® 2000 PSP. Windows 2000 PSP has not been updated since version 7.60 and will continue to be available on the web for download.
• NetWare:
  o Removed drivers for PSP for NetWare: SmartStart version 7.91 was the last release that contained NetWare PSP. The NetWare PSP will continue to be available on the web for download.

• Linux:
  o New drivers for ProLiant Support Pack (LSP) 8.11 for Linux:
    — HP NC-Series Broadcom 10Gb Multifunction Driver for Linux
    — The HP System Health Application and Insight Management Agents package (hpasm) has been repackaged into the following deliverables:
      – HP System Health Application and Insight Management Agents
      – HP SNMP Agents
      – HP System Management Homepage Templates for Linux
  o Removed drivers from ProLiant Support Pack (LSP) 8.11 for Linux:
    — HP System Health Application and Insight Management Agents (hpasm)

SmartStart 8.00

• Support for newly released HP ProLiant ML/DL 300, 500, and 700 Series servers, HP ProLiant BL server blades, and HP BladeSystem c-Class enclosures and options

• Support for newly released server options

• Beginning with the SmartStart 8.00 release, the content is separated into two SmartStart CDs: One CD for all x86 32-bit components (supported Linux and Microsoft® Windows® versions) and one CD for all x86 64-bit components (supported Linux and Microsoft® Windows® versions)

• Support for new HP Insight Management WBEM Providers for Windows Server® 2003/2008

• New operating system support:
  o Red Hat Enterprise Linux 5 update 1 (x86 and AMD64/EM64T)
  o Red Hat Enterprise Linux 4 update 6 (x86 and AMD64/EM64T)
  o SUSE Linux Enterprise 9 SP4 (x86 and AMD64/EM64T)
  o Windows Server® 2008 Final release

• Microsoft® Windows®:
  o New HP Insight Management WBEM Providers for Windows Server® 2003/2008. These providers have the following features:
    — Emulate industry standard technologies for accessing management information in an enterprise environment.
    — Supply system management data through the Windows Management Instrumentation (WMI) framework for ProLiant server platforms and options.
    — Serve as an alternative to SNMP-based management agents.
    — Support by HP-SIM 5.2.
    — Extend the Common Information Model (CIM) defined by the DMTF to provide a rich set of standards based management data that is specific to ProLiant systems.
— Leverage the rich set of base-level instrumentation provided by the system management controllers and drivers.
— Deliver in-depth hardware management, inventory, system state, and event notifications.
— For more information, go to the HP website (http://www.hp.com/go/HPwbem).

**New drivers for Windows® PSPs:**

— Headless Server Registry Update for Windows
— HP Insight Management WBEM Providers for Windows Server® 2003/2008 x64 Editions
— HP StorageWorks Tape Drivers for Windows
— HP NC-Series NetXen Driver for Windows Server® 2003

**Removed drivers for Windows® PSPs:**

— SmartStart version 7.91 was the last release that contains Windows® 2000 PSP. Windows 2000 PSP has not been updated since version 7.60 and will continue to be available on the web for download.

— SmartStart and Windows 2003 PSP 7.91 provided the baseline support for the following drivers/utilities. Therefore, these drivers and utilities will not be included in the next release of Windows 2003 PSP or SmartStart assisted install:
  - HP ProLiant CSB-6 ATA-100 IDE RAID Driver for Windows® 2000/Windows Server® 2003 (lsicsb6.sys) - CP006269
  - HP ProLiant Integrated ATA RAID Management Utility for Windows (SPY Utility) - CP005788
  - HP Virus Throttle for Windows Server® 2003
  - HP Virus Throttle for Windows Server® 2003 x64 Editions

— Because the drivers and utilities listed above will not be updated in the next release of the Windows 2003 PSP or in SmartStart versions beyond version 7.91, SmartStart 7.91 and Windows 2003 PSP 7.91 provided the baseline support for the following servers:
  - HP ProLiant ML310 Server
  - HP ProLiant DL320 Generation 2 Server
  - HP ProLiant ML330 Generation 2 Server
  - HP ProLiant ML330 Generation 3 Server

**NetWare**

Removed drivers for NetWare PSPs.

SmartStart version 7.91 was the last release that contained NetWare PSP. The NetWare PSP will continue to be available on the web for download.

**Linux:**

**New drivers for Linux PSPs:**

— HP NC-Series NetXen Driver for Linux
— HP Linux Socket Acceleration
— HP Insight Diagnostics Online Edition for Linux is now supported in 64-bit environments.

- Removed drivers from Linux PSPs:
  - HP Virus Throttle for Red Hat Enterprise Linux 4, HP Virus Throttle for Red Hat Enterprise Linux 5, HP Virus Throttle for SUSE Linux Enterprise Server 9 and HP Virus Throttle for SUSE Linux Enterprise Server 10
  - HP ProLiant Essentials Licensing for Red Hat Enterprise Linux 4, HP ProLiant Essentials Licensing for Red Hat Enterprise Linux 5, HP ProLiant Essentials Licensing for SUSE Linux Enterprise Server 9 and HP ProLiant Essentials Licensing for SUSE Linux Enterprise Server 10
  - HP Lights-Out Drivers and Agents (hprsm)
Acronyms and abbreviations

**CIM**
common information model

**MSA**
Modular Smart Array

**PSP**
ProLiant Support Pack

**WBEM**
Web-Based Enterprise Management