

What's New for ProLiant Firmware Maintenance CD 8.10

New Firmware CD Features

- HP Smart Update Manager updates:
 - Added support for flashing Emulex HBA firmware (offline only)
- New operating system support:
 - No new operating systems for this release
- Added firmware to the CD for the following supported options:
 - Emulex HBA
- Removed firmware from the CD (This firmware is still available on hp.com and is baselined on the Firmware Maintenance CD 8.00):
 - MSA60 and MSA70 (v1.42b)
 - HP Integrated Lights-Out Management Controller (SP35629.exe)
 - Firmware and BIOS for HP SATA HBA with Raid (SP34281.exe)
 - Dual CH Storage Controller - Windows (version 5.05.11 (A))
 - Ultra 3 Dual Channel HBA BIOS (Controller Firmware) - Windows (version: 3.02.3 (A))
 - Ultra 3 Single Channel HBA BIOS (Controller Firmware) - Windows (version: 3.02.3 (A))
 - ROM Flash Component - AC036322C2 drives - Linux (version: 3A12 (F))
 - ROM Flash Component - AD018322BC drives - Linux (version: 3A12(E))
 - ROM Flash Component - AD009322B9 drives - Linux (version: 3A12(E))
 - ROM Flash Component - BD018122C0, and BD018222C1 drives - Linux (version: 3B12(F))
 - ROM Flash Component - BD009122BA, and BD009222BB drives - Linux (version: 3B12(F))
 - ROM Flash Component - BF01864663 drives - Linux (version 3B0B(G))
 - ROM Flash Component - BD004153C3, and BD004253C4 drives - Linux (version B417(F))
 - ROM Flash Component - AD00435332 drives - Linux (version A417(E))
 - ROM Flash Component - BD00965333, and BD00975334 drives - Linux (version B917(F))

- ROM Flash Component - AD00935335 drives - Linux (version A917(F))
- ROM Flash Component - BF01865222 and BF03665223 drives - Linux (version B014(H))
- ROM Flash Component - BD0186459A, BD018745A3, BD0366459B, BD036745A4 and BD0726459C drives - Linux (version B016(G))
- ROM Flash Component - AD018345A6 drives - Linux (version A016(E))
- ROM Flash Component - AD00932372, AD01832375, and AC03632378 drives - Linux (version ACJG (E))
- ROM Flash Component - BD00962373, BD00972374, BD01862376, BD01872377, and BC0367237A drives - Linux (version BCJG(E))
- ROM Flash Component - BD00912578 and BD01812579 drives - Linux (version: BCJG(E))
- ROM Flash Component - AD00933626 and AD01833627 drives - Linux (version: ADCB(E))
- ROM Flash Component - BD009635CB, BD00973623, BD018635CC, BD01873624, BD03663622, BD03673625, and BC072638A2 drives - Linux (version: BDCB(E))
- ROM Flash component - AD01836222, AD00935CCC, and AD00435CCB drives - Linux (version: HPA6(D))
- ROM Flash component - BD01865CC4, BD01875CC7, BD00965CC3, BD00975CC6, BD00415CBC, and BD00425CC2 drives - Linux (version HPB6(E))
- ROM Flash Component - BD00962A66, BD00972A69, BD01862A67, and BD01872A6A drives - Linux (version B008 (E))
- ROM Flash Component - BD0096349A, BD009734A3, BD0186349B, and BD018734A4 drives - Linux (version 3B15 (E))
- ROM Flash Component - BB009135B4, BB009235B6, BB018135B5, and BB018235B7 drives - Linux (version B022(D))
- ROM Flash Component - BD009635C3, BD009735C6, BD018635C4, BD018735C7, BD036635C5, and BD036735C8 drives - Linux (version B022 (D))
- ROM Flash Component - BD01864544, BD03664545, and BD07264546 drives - Linux (version B20D (E))
- ROM Flash Component - BD036659CC drive - Linux (version 3B01 (C))
- ROM Flash Component - BD07265A22 drive - Linux (version: 3B01 (C))

- ROM Flash component - DGHS09U, DGHS09Y, and DGHS18Y drives - Linux (version:03F1(C))
- ROM Flash component - ST19171N, ST19171W, and ST19171WC drives - Linux (version: 9A10 (C))
- Online ROM Flash Component for Windows - HP ProLiant BL25p/BL45p (A02) Servers (version:2007.02.14)
- Online ROM Flash Component for Linux - HP ProLiant BL25p/BL45p (A02) Servers (version: 2007.02.14)
- Systems ROMPaq Firmware Upgrade for HP ProLiant BL25p/BL45p (A02) Servers (version: 2007.02.14(A))
- Online ROM Flash Component for Windows - HP ProLiant BL30p (I10) Servers (version: 2005.10.27 (B))
- Online ROM Flash Component for Linux - HP ProLiant BL30p (I10) (version: 2005.10.27)
- Systems ROMPaq Firmware Upgrade Diskette for HP ProLiant BL30p (I10) Servers (version: 4.06(I10-10/27/2005))
- Online ROM Flash Component for Windows - HP ProLiant BL40p (I02) (version: 2004.09.15)
- Online ROM Flash Component for Linux - HP ProLiant BL40p (I02) (version: 2004.09.15)
- Systems ROMPaq Firmware Upgrade Diskette for HP ProLiant BL40p (I02) Server (version: 4.07 (I102-9/15/2004))
- Online ROM Flash Component for Windows - HP ProLiant DL360 G4 (P52) Servers (version: 2007.07.16)
- Online ROM Flash Component for Linux - HP ProLiant DL360 G4 (P52) (version: 2007.07.16)
- Systems ROMPaq Firmware Upgrade for HP ProLiant DL360 G4 (P52) Servers (version: 2007.07.16(A))
- Online ROM Flash Component for Windows - HP ProLiant DL360 G4p (P54) Servers (version: 2007.07.16)
- Online ROM Flash Component for Linux - HP ProLiant DL360 G4p (P54) Servers (version: 2007.07.16)
- Systems ROMPaq Firmware Upgrade for HP ProLiant DL360 G4p (P54) Servers (version: 2007.07.16 (A))
- Online ROM Flash component for Windows - HP ProLiant DL380 G4 (P51) Server (version:2007.07.19)
- Online ROM Flash Component for Linux - HP ProLiant DL380 G4 (P51) Servers (version: 2007.07.19)
- Systems ROMPaq Firmware Upgrade for HP ProLiant DL380 G4 (P51) Servers (version: 2007.07.19 (A))
- Online ROM Flash Component for Windows - HP ProLiant DL385 (A05) (version: 2006.03.01)

- Online ROM Flash Component for Linux - HP ProLiant DL385 (A05) (version: 2006.03.01)
- Online ROM Flash Component for Windows - HP ProLiant ML310 G2 (W01) (version: 2006.01.20)
- Online ROM Flash Component for Linux - HP ProLiant ML310 G2 (W01) (version: 2006.01.20)
- Systems ROMPaq Firmware Upgrade Diskette for HP ProLiant ML310 G2 (W01) Server (version:2006.01.20 (A))
- Online ROM Flash Component for Windows - HP ProLiant ML310 G3 (W02) Servers (version: 2007.08.03)
- Online ROM Flash Component for Linux - HP ProLiant ML310 G3 (W02) Servers (version: 2007.08.03)
- Systems ROMPaq Firmware Upgrade for HP ProLiant ML310 G3 (W02) Servers (2007.08.03 (A))
- Online ROM Flash Component for Windows - HP ProLiant ML370 G4 (P50) Servers (version: 2007.07.19)
- Online ROM Flash Component for Linux - HP ProLiant ML370 G4 (P50) Servers (version: 2007.07.19)
- Systems ROMPaq Firmware Upgrade for HP ProLiant ML370 G4 (P50) Servers (version: 2007.07.19 (A))
- Online ROM Flash Component for Windows - HP ProLiant ML570 G3 (P37) Servers (version: 2007.10.23)
- Online ROM Flash Component for Linux - HP ProLiant ML570 G3 (P37) Servers (version: 2007.10.23)
- Systems ROMPaq Firmware Upgrade for HP ProLiant ML570 G3 (P37) Servers (version: 2007.10.23 (A))
- Updated firmware for the following ProLiant Servers & supported options:
 - System ROMs for ProLiant ML / DL / BL servers
 - Storage Array Controllers
 - Storage Disks (hard drives)
 - Lights Out Management (iLO2 FW)
 - Network (NIC FW)
 - HP BladeSystem c-Class Onboard Administrator
 - HP Tape Drives

Hardware Support

For a list of ProLiant supported servers and options, visit:

<ftp://ftp.compaq.com/pub/products/servers/management/smartstart/FWServerSupportMatrix.pdf>.

Firmware on the CD

For the complete list of firmware on this CD, read [Firmware Maintenance CD Firmware Contents](#).

History of Previous Releases

Firmware Maintenance 8.0

- HP Smart Update Manager updates:
 - Added support for flashing QLogic HBA firmware (offline only)
 - Additional command parameters for HP Smart Update Manager CLI. See the HP ProLiant Firmware Maintenance CD User Guide or the CLI help file (\compaq\swpackages\CLIHelp.txt) for additional information.
- New operating system support:
 - Microsoft Windows Server 2008
 - Red Hat Linux 5 Update 1 (x86 and AMD 64/EM64T)
 - Red Hat Linux 4 Update 6 (x86 and AMD 64/EM64T)
 - SuSE Linux Enterprise Server 9 SP4 (x86 and AMD 64/EM64T)
- Added firmware to the CD for the following supported options:
 - SAS Storage Disk (online & offline)
 - QLogic HBA Firmware component
 - HP Tape Firmware component
- Removed firmware from the CD for the following supported options:
 - All SoftPaqs released before June 2006
 - All NetWare components
 - HP 64-Bit/66MHz Ultra 3 Dual Channel HBA
 - HP 64-Bit/66MHz Ultra 3 Single Channel HBA
 - SMART-2 Family and Smart Array 221
- Updated firmware for the following ProLiant Servers & supported options:
 - System ROMs for ProLiant ML / DL / BL servers
 - Storage Array Controllers
 - Storage Disks (hard drives) (SATA - offline only; SAS offline and online)
 - Lights Out Management (iLO2 FW)
 - Network (NIC FW)
 - HP BladeSystem c-Class Onboard Administrator

Firmware Maintenance 7.91

- HP Smart Update Manager updates:
 - Additional command parameters for HP Smart Update Manager CLI. See the HP ProLiant Firmware Maintenance CD User Guide or the CLI help file (\compaq\swpackages\CLIHelp.txt) for additional information.
- Added firmware to the CD for the following supported options:
 - Smart Array E500
- Removed firmware from the CD for the following supported options (This firmware is still available on hp.com and is baselined on the Firmware Maintenance CD 7.90.):
 - Smart Array Controller RAID LC2
 - SMART-2 Controller DH
 - SMART-2 Controller SL
 - SMART-2 Controller P
 - SMART-2 Controller E
 - SMART-2 Controller 221
- Updated firmware for the following ProLiant Servers & supported options:
 - System ROMs for ProLiant ML / DL / BL servers
 - Storage Array Controllers
 - Storage Disks (hard drives) (SCSI offline only, SAS offline and online)
 - Lights Out Management (iLO2 FW)
 - Network (NIC FW)
 - P-Class Interconnect Switches
 - HP BladeSystem c-Class Onboard Administrator

Firmware Maintenance 7.90

- HP ProLiant Firmware Maintenance CD User Guide is available at \compaq\docs and replaces the HP Smart Update Manager User Guide.
- HP Smart Update Manager updates:
 - Additional command parameters for HP Smart Update Manager CLI to support remote firmware deployment. See the HP ProLiant Firmware Maintenance CD User Guide or the CLI help file (\compaq\swpackages\CLIHelp.txt) for additional information.
 - Support for deploying firmware and PSP software components from the same session.
 - Support for flashing firmware on hard drives internally or externally attached to ProLiant servers via the Emulex

LP952L, the QLogic QLE 220 HBA, or the Smart Array E500 controller.

- New operating system support
 - Red Hat Enterprise Linux 4 Update 5 (x86 and AMD64/EM64T)
 - SUSE LINUX Enterprise Server 10 SP1 (x86 and AMD64/EM64T)
- Added firmware to the CD for the following supported options:
 - Modular Smart Array 60 and Modular Smart Array 70 storage enclosure
- Removed firmware from the CD for the following supported options (This firmware is still available on hp.com):
 - ProLiant BL e-Class GbE Interconnect Switch Firmware for Windows
 - ProLiant BL e-Class GbE Interconnect Switch Firmware for Linux
 - Tape Options ROMPaq
- Updated firmware for the following ProLiant Servers & supported options:
 - System ROMs for ProLiant ML / DL / BL servers
 - Storage Array Controllers
 - Storage Disks (hard drives) (SCSI and SATA - offline only, SAS offline and online)
 - Lights Out Management (RiLOEII / iLO / iLO2 FW)
 - Network (NIC FW)

Firmware Maintenance 7.80

- HP Smart Update Manager updates:
 - Support for updating NIC firmware
 - Support for updating Modular Smart Array 60 and Modular Smart Array 70 storage enclosure firmware
 - Support for updating SATA hard drives in a
 - ProLiant server drive cage using a Smart Array controller (E200, E200i, P400, P400i, P600, P800)
 - Modular Smart Array 20/50/60/70 storage enclosure connected to a ProLiant server using a Smart Array controller (See <http://www.hp.com/go/msa> for the latest support matrix.)
 - MSA20 storage enclosure connected to an MSA1500cs connected to a ProLiant server using a fibre channel HBA (See technical release notes for supported HBAs.)
- New operating system support

- Red Hat Enterprise Linux 5
- Updated firmware for the following ProLiant Servers & supported options:
 - System ROMs for ProLiant ML / DL / BL servers
 - Storage Array Controllers
 - Storage Disks (hard drives) (SCSI and SATA - offline only, SAS offline and online)
 - Blade Infrastructure (Interconnect Switch FW)
 - Lights Out Management (RILOE / iLO FW)
 - Network (NIC FW)
 - HP BladeSystem c-Class Onboard Administrator

Firmware Maintenance 7.70

- HP Smart Update Manager updates:
 - Ability to deploy firmware remotely from one to many servers. Support is limited to
 - Microsoft Windows (Microsoft Windows Server 2003 and Microsoft Windows Server 2003 x64 Editions) to Microsoft Windows (Microsoft Windows Server 2003 and Microsoft Windows Server 2003 x64 Editions)
 - Linux (Red Hat Enterprise Linux 3 and 4 and SUSE LINUX Enterprise Server 9 and 10) to Linux (Red Hat Enterprise Linux 3 and 4 and SUSE LINUX Enterprise Server 9 and 10)
 - Support for updating Online HP BladeSystem c-Class Onboard Administrator firmware from a remote Windows or Linux system (online only)
 - Support for updating selected SATA hard drive firmware (offline only)
 - Support for scripting HP Smart Update Manager session for a local host
- Support for installing Network (NIC) firmware from the Firmware Update tab in the Firmware CD user interface (online only)
- New operating system support
 - SUSE Linux Enterprise Server 10
- Updated firmware for the following ProLiant Servers & supported options:
 - System ROMs for ProLiant ML / DL / BL servers
 - Storage Array Controllers
 - Storage Disks (hard drives) (SCSI and SATA (New) - offline only, SAS offline and online)
 - Blade Infrastructure (Interconnect Switch FW)
 - Lights Out Management (RILOE / iLO FW)

- Network (NIC FW)
- HP BladeSystem c-Class Onboard Administrator (New)

Firmware Maintenance 7.61

- Added support for updating SCSI hard drive firmware on the following Modular Smart Array (MSA)-related products:
 - MSA fibre channel Enclosures
 - MSA 1000 and attached MSA 30 enclosures
 - MSA 1500cs and attached MSA 30 enclosures
 - The MSA enclosures must be attached via one of the following fibre channel HBAs in a ProLiant server:

HP Model	Description	Vendor Model Name
FCA2210	Single Channel, 2 Gb, PCI-X	QLogic QLA2340
FCA2214	Single Channel, 2 Gb, PCI-X	QLogic QLA2340
FCA2214DC	Dual Channel, 2 Gb, PCI-X	QLogic QLA2342DC
FC1143	Single Channel, 4 Gb, PCI-X v2.0	QLogic QLA2460
FC1243	Dual Channel, 4 Gb, PCI-X v2.0	QLogic QLA2462
FC1142SR	Single Channel, 4 Gb, PCI-e	QLogic QLE2460
FC1242SR	Dual Channel, 4 Gb, PCI-e	QLogic QLE2462
A7523A	Single Channel, 2 Gb, PCI	QLogic QLA200
FCA2404	Single Channel, 2 Gb, PCI-X	Emulex LP9802
FCA2402DC	Dual Channel, 2 Gb, PCI-X	Emulex LP9802DC
A7387A	Dual Channel, 2 Gb, PCI-X	Emulex LP1050DC
A7388A	Single Channel, 2 Gb, PCI-X	Emulex LP1050
A7560A	Single Channel, 2 Gb, PCI-e	Emulex LP1050ex-f2
FC2143	Single Channel, 4 Gb, PCI-X v2.0	Emulex LP1150
FC2142SR	Single Channel, 4 Gb,	Emulex

	PCI-e	LPe1150
FC2243	Dual Channel, 4 Gb, PCI-X v2.0	Emulex LP11002
FC2242SR	Dual Channel, 4 Gb, PCI-e	Emulex LPe11002

- HP Smart Update Manager updates:
 - Add Supplemental Update is functional again
 - Able to deploy iLo and iLo2 firmware successfully
- Updated firmware for the following ProLiant Servers & supported options:
 - Select System ROMs for ProLiant ML / DL / BL servers
 - Storage Array Controller - Smart Array Controller P600

Firmware Maintenance 7.60

- c-Class enclosure firmware updates (online only) - Windows and Linux HP Onboard Administrator firmware components are available on this CD. The Onboard Administrator for the HP BladeSystem c7000 enclosure is the brains of the new c-Class infrastructure.
- Windows and Linux online firmware flash components for select SAS hard drives are available and can be deployed using HP Smart Update Manager.
- HP Smart Update Manager updates:
 - Command line installation of firmware components. See HP Smart Update Manager User Guide for details.
 - Support for Windows and Linux online firmware flash components for select SAS hard drives
- Updated firmware for the following ProLiant Servers & supported options:
 - System ROMs for ProLiant ML / DL / BL servers
 - Storage Array Controllers
 - Storage Disks (hard drives) (SCSI - offline only, SAS offline and online)
 - Blade Infrastructure (Interconnect Switch FW)
 - Lights Out Management (RILOE / iLO FW)
 - Network (NIC FW)
- Support has been removed from this CD for the following servers:
 - HP ProLiant BL10e
 - HP ProLiant BL10e G2
 - HP ProLiant DL320
 - HP ProLiant DL360

- HP ProLiant DL360 G2
- HP ProLiant DL380
- HP ProLiant DL380 G2
- HP ProLiant DL580
- HP ProLiant ML330
- HP ProLiant ML330e
- HP ProLiant ML330 G2
- HP ProLiant ML350
- HP ProLiant ML350 G2
- HP ProLiant ML370
- HP ProLiant ML370 G2
- HP ProLiant ML530
- HP ProLiant ML570
- HP ProLiant ML750
- Support has been removed from this CD for the following options:
 - Smart Array Controller 4200
 - Smart Array Controller 4250ES
 - Smart Array Controller 431
 - Embedded ROC Controller
- Firmware Maintenance CD Version 7.50 should be considered the baseline firmware for these servers and options. Subsequent versions of firmware released after Firmware Maintenance CD Version 7.50 can be obtained from the hp.com website.

Firmware Maintenance 7.50

- p-Class enclosure firmware updates (offline only) - Provides an alternate means for updating this firmware that is not dependent on a blade server. Also helps to easily update enclosure firmware to the minimum version level needed for HP Control Tower.
- HP Smart Update Manager, the ROM Update Utility replacement, is used to deploy firmware in offline and now online mode on Microsoft Windows and Linux systems.
- Firmware CD Browser Utility can be used to access all of the firmware updates available on this CD. It will allow you to save or install each component in addition to displaying information about the component.
- USB key creator utility allows the Firmware Maintenance CD to be moved to a bootable USB key.