

Overview

The HP ProLiant Easy Set-up CDs optimize single-server setup, providing a simple way to deploy reliable and consistent server configurations. Starting with HP ProLiant 100 Series G6 servers, this product has been enhanced with capabilities for multi-server DL100 and SL100 deployments through the use of SmartStart Scripting Toolkit (SSSTK). The HP ProLiant 100 Series Easy Set-up CDs and their ISO images are available for:

- All HP ProLiant 100 G6 series servers, except the HP ProLiant DL165 G6
- The HP ProLiant ML110 G5 and the ML115 G5 servers.

The family of Easy Set-up CDs offers essential deployment tools that simplify HP entry server setup, providing a repeatable way to deploy. The HP ProLiant Easy Set-up CDs assist with the OS installation process by configuring the system for installing "off-the-shelf" versions of Windows via assisted path install and Linux operating system software via boot driver USB key creation. Assisted path installation automatically integrates optimized HP ProLiant server software drivers and utilities. Users enjoy the following features, functions, and benefits:

- An easy-to-use, intuitive graphical interface that guides you through preparing your system for the OS installation process.
- Integration of key server software drivers with assisted installation.
- Dependency and validity checks to ensure that all supported ProLiant software can be installed.
- Available as a CD and also as an ISO image download.
- Similar deployment tools for multi-server environments as ProLiant 300 series and above servers.
 - SmartStart Scripting Toolkit (SSSTK) on DL100 and SL100 G6 servers only
 - Smart Components
- Array Configuration Utility (ACU) - configures array controllers and storage devices as well as now providing diagnostic information (this new integrated diagnostic feature was previously provided in the separate Array Diagnostics Utility)
- HP Insight Diagnostics

NOTE: The ProLiant DL165 G6 cannot run an Easy Set-up CD.

What's New

- The HP USB Key Utility is adding HP Easy Set-up CD support for HP ProLiant 100 Series.
 - A standalone utility, downloadable from the web that places the contents on USB key and makes them bootable.
 - Customers can create their own USB keys. This utility allows customers to go to web and pull fresh images and components and put the content on an USB key
- Available on the actual Easy Set-up CD media and web so that customers can make their USB key at their Desktop or server. One USB key for each server's Easy Set-up CD .
 - Installation requires a supported source CD or ISO file and a USB flash drive with adequate storage space for storing the CD contents.
 - USB Key Utility requirements: 1 GB or greater USB 2.0 flash drive.

At A Glance

HP ProLiant Easy Set-up
CD Website

For the latest information about it and other related software; please visit the HP Easy Set-up CD website at: www.hp.com/servers/easysetup

Standard Features

Benefits

- **Integral part of the HP ProLiant server experience:** HP ProLiant Easy Set-up CD is delivered as part of these servers and provides essential deployment and installation tools for business environments. An ISO image of its contents is available from each of its supported server's websites.
- **Reliable configuration:** By assisting with operating system installations, integrating server support software, and preventing configuration errors, the HP ProLiant Easy Set-up CDs ensure consistency, and maximizes reliability and system uptime. The HP ProLiant Easy Set-up CDs leverage embedded system utilities that provide either customized configuration or intelligent defaults for server hardware and array controller configuration.
- **Optimized configuration:** The HP ProLiant Easy Set-up CDs integrate the optimized ProLiant drivers with assisted OS installation to achieve the maximum performance for your HP ProLiant server.

For **Small and Medium Business** that want simplicity; the Easy Set-up CDs and its Web ISO images will get their ProLiant 100 series server running for first time quickly and simply!

For **resellers**; the Easy Set-up CDs and its Web ISO images save time and money in performing customer updates!

HPC / HPTC / SCL/ Cloud Computing/ Web 2.0 customers now have the ability to use and leverage HP deployment and change management utilities for multi-server deployments for the first time on 100 series servers!

Server Setup and Deployment

The HP ProLiant Easy Set-up CDs offer Assisted and Manual single server installation, setup, and deployment capability. Capabilities provided are:

- Autorun to retrieve documents and drivers for manual installation
- Server drive configuration
- Assisted of Installation Microsoft Windows 2003 Server and Microsoft Windows 2008 Server.
- OS and SW available for Manual Installation are listed on each servers' QuickSpecs

Similar deployment tools for multi-server environments as HP ProLiant 300 series and above servers are now available.

- SmartStart Scripting Toolkit (SSSTK) on HP ProLiant DL100 and SL 100 G6 servers only
- Smart Components

Other tools:

- Array Configuration Utility (ACU) - configures array controllers and storage devices as well as now providing diagnostic information (this new integrated diagnostic feature was previously provided in the separate Array Diagnostics Utility)
- HP Insight Diagnostics

Assisted OS Installation

To optimize the performance of your hardware platform, use the HP ProLiant Easy Set-up CD assisted installation to help you prepare your system for the operating system installation process. Using an assisted installation, HP ProLiant Easy Set-up CD enables you to install the operating system using the vendor-supplied CDs, and provides automated installation of server support software.

Manual OS Installation

If you prefer not to utilize the assisted installation, you may either use Option ROM Array Configuration (ORCA) to configure your server hardware before OS installation. After the operating system has landed, apply the latest driver obtained from HP ProLiant Easy Set-up by launching the Windows or Linux Autorun or by downloading it from the download links available from your server's homepage.

Standard Features

Autorun Features

The Autorun feature of the HP ProLiant Easy Set-up is available for Windows and Linux environments. Autorun provides access to support software and useful product information also contained on the CD.

- To launch Autorun on a Windows system, either insert the CD in a CD-ROM drive and Autorun will automatically launch, or launch by executing `_autorun\autorun_win.exe` from the CD.
- To launch Autorun on a Linux system, insert the CD in a CD-ROM drive, log on to the root and mount the CD and run the Autorun file.

Systems Maintenance

Perform Server Maintenance by booting the HP ProLiant Easy Set-up CD and launching these utilities

- **Insight Diagnostics** - performs tests on system components. Insight Diagnostics displays information about a server's hardware and software configuration. You can perform hardware and software tests on the following subsystems: Processor, Input devices, Communication ports and devices, Storage devices, Graphics, Memory, Multimedia devices and now the remote management (LO100).
- **Array Configuration Utility (ACU)** - enables you to configure newly added Smart Array controllers and associated storage devices. It is a web-based tool that has a configuration wizard that allows you to configure your Smart Array controller, add additional disk drives to an existing configuration or reconfigure your existing disk drive array.

Perform Server Maintenance through ROM-based embedded utilities

- The Option-ROM Configuration for Arrays utility (ORCA) allows users to configure HP array controllers. ORCA is accessible by pressing F8 key after the system has booted. It allows the user to create and delete logical drives, set interrupts, and set boot controller order.
- The enhanced auto-configuration process will automatically configure the system for RAID selection without the user having to launch ORCA. The RAID defaults are based on the following number of drives: 1 drive - RAID 0, 2 drives - RAID 1, 3-6 drives - RAID 5. The user always has the option of configuring the server through RBSU and ORCA.
- Selected set of system Diagnostics and Inspect utilities is available by pressing F10 key after the system has booted. F10 launches the System Maintenance Utilities.

Service and Software Support

HP offers a complete choice of services to ensure the success of your ProLiant server deployment program.

- **Warranty** - HP will replace defective delivery media for a period of 90 days following the date of purchase of your server.
- **Startup technical software support** is available at no additional charge by calling HP Support up to 90 days from the date of purchase of your server.
 - Phone support is available to assist customers with installation and set-up and standard usage questions.
 - Phone support assists customers with basic installation and set-up, as well as answering questions pertaining to the HP-provided scripts and respective uses.
 - Support does NOT include system optimizations, advice on complex configurations, best practices, or non-HP software that may be involved.
 - Customer Order Center Phone numbers: (US 1-800-952-7689) or (Canada 1-800-567-1616).
- **Software Technical Support Services** - provide easy access to experts for questions regarding use of the HP ProLiant Easy Set-up CD after the 90-day period. (Chargeable)

Customers are entitled to replacement media (see section on part numbers) free of charge when:

Standard Features

- Media arrives defective with the server, or
- Media is missing from boxes that ship with the specific server.

For more information, visit <http://h20219.www2.hp.com/services/cache/9516-0-0-225-121.aspx>

Operating System and ProLiant Server Support

Operating Systems

Assisted Installation OS and Driver Support The following released operating systems are supported by HP ProLiant Easy Set-up:

- Microsoft Windows 2003 Server Operating systems
- Microsoft Windows 2008 Server Operating systems
- Microsoft Windows 2003 Server Operating systems
- Microsoft Windows 2008 Server Operating systems
- Red Hat Enterprise Linux 4 & 5 (x86 & EM64T/AMD64)*
- SLES 10 and 11 (x86 & EM64T/AMD64)*

Manual Installation OS and Driver Support

* OS support can vary by server. For manual installation support, please refer to your server's Quick Specs.

Environment-friendly Products and Approach

End-of-life Management and Recycling

Hewlett-Packard offers end-of-life HP product return, trade-in, and recycling programs in many geographic areas. For trade-in information, please go to <http://www.hp.com/go/green>. To recycle your product, please go to: <http://www.hp.com/go/green> or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner.

The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard web site at: <http://www.hp.com/go/green>. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.

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