

Overview

The HP System Management Homepage is a web-based interface that consolidates and simplifies the management of individual ProLiant and Integrity servers running Microsoft Windows or Linux operating systems. By aggregating data from HP Insight Management Agents and other management tools, the System Management Homepage provides a secure and intuitive interface to review in-depth hardware configuration and status data, performance metrics, system thresholds and software version control information. The System Management Homepage can also be used to access the HP Lights-Out Management processor on ProLiant and Integrity servers.

The System Management Homepage is delivered on the ProLiant Support Pack and the Integrity Support Pack, and can be automatically installed using the SmartStart or Smart Setup server installation and configuration tools. The System Management Homepage can also be extended to meet specific system management requirements by integrating additional HP plug-in management tools that include HP Online Diagnostics, the HP Intelligent Networking Pack and HP Software Version Control Agents.

- It is also available as part of the HP IS DVD and the Management DVD/HPSIM install.

The System Management Homepage also provides ready-access to in-depth HP hardware resource data from the industry's leading enterprise management platforms, including HP OpenView, Microsoft Operations Manager, Tivoli Enterprise and CA Unicenter. See <http://www.hp.com/servers/integration> for additional details on HP enterprise integration solutions.

What's New

- Enhanced software support for HP ProLiant and HP Integrity servers

Standard Features

Availability and Usage

- The System Management Homepage is distributed as a part of the ProLiant Support Pack that ships with every ProLiant server, and the Integrity Essentials Foundation Pack (v3.20) that ships with HP Integrity servers. It is also available as a part of HP Management DVD & HP IS DVD.
- Updates to the ProLiant Support Pack can be downloaded from the HP Web site at <http://h18006.www1.hp.com/products/servers/management/psp/index.html>
- Updates to the Integrity Support Pack can be downloaded via <http://h20000.www2.hp.com/bizsupport/TechSupport/Product.jsp?prodTypeId=15351&prodCatId=321933>.
- The System Management Homepage installs automatically with the Support Packs for ProLiant and Integrity servers

Key Features

System Management Homepage

Provides a consolidated web-based interface that aggregates system configuration, health and performance data for individual ProLiant and Integrity servers. The intuitive user interface displays data populated by a variety of HP plug-in management tools that includes the HP Insight Management Agents, Version Control Agents, HP Insight Diagnostics, etc. The user interface of SMH 3.0 and above is compliant to OV2.

The System Management Homepage can be installed automatically and securely using the ProLiant Support Pack or the Integrity Support Pack.

Secure Access

Enhanced web-based security incorporates OS-based authentication on Windows and Linux platforms, and utilizes Secure Sockets Layer (SSL) and certificate-based trust with Systems Insight Manager. IT administrators can rest assured that only authorized personnel have access to their systems management information. System Management Homepage also includes IP binding and other advanced configuration options to address a broad range of network specific security requirements. The Kerberos feature of SMH allows different hosts and users to authenticate and confirm the identity of each other. SMH also provides the support of IPv6 addresses for both Windows & Linux OS.

Fault Management

Prominently displays system fault information instrumented by Insight Management Agents and other HP management tools, with intuitive status icons.

Performance Monitoring

Provides access to the Insight Management Agents to set thresholds for disk, CPU, and memory utilization. SMH also provides management data from WBEM providers as well.

Version Control

Proactively identifies out-of-date drivers, and agents instrumented by HP Version Control Agents. Enables the remote update of single or multiple system software components and allows administrators to track compliance with corporate software standards and baselines.

Configuration Audit Trail

Maintains detailed server inventory and tracks historical configuration changes recorded by HP Insight Diagnostics. Users can schedule configuration snapshots to occur daily, weekly or monthly. System Management Homepage tracks up to 10 configuration snapshots.

Array Configuration

Provides access to the Array Configuration Utility (ACU) to facilitate the setup of RAID 0, RAID 1+0, RAID 5, and Advanced Data Guard configurations through easy-to-use wizards.

Standard Features

Benefits

- Maintain uptime and peak performance** Quickly diagnose and rapidly respond to potential and actual fault conditions. Leverage pre-failure alerting to fix potential issues before they result in unplanned server downtime. When used in conjunction with HP Systems Insight Manager, alerts may be automatically forwarded to the appropriate individuals via e-mail or pager notification.
- Save time and improve efficiency with browser-based remote management** View management information, update system software, configure storage arrays, and run online diagnostics from anywhere via a secure web browser.
- Access all single server management information through a centralized, consistent user interface** Fault management, system software version control, configuration snapshots, and online diagnostics are all accessible through the System Management Homepage.
- Seamless integration with Systems Insight Manager and other Enterprise Management applications** The System Management Homepage integrates seamlessly with HP Systems Insight Manager (HP SIM) to provide real-time server health, configuration and performance data. Single sign-on and secure trusted-access capabilities also enable rapid data analysis for individual servers, in addition to radically simplified procedures to remotely configure, repair and replicate agent setting across multiple servers from within HP SIM. The System Management Homepage also provides ready-access to in-depth HP hardware resource data from the industry's leading enterprise management platforms.
- Ease of use** The System Management Homepage is part of the ProLiant Support Pack and the Integrity Support Pack, and can be automatically deployed with HP SmartStart or Smart Setup installation and configuration tools for ProLiant and Integrity servers.

Technical Specifications

Technical Specifications - Summary

Supported Operating Systems System Management Homepage 6.x is formally supported for use on the following operating platforms

HP ProLiant Servers

- Microsoft Windows Server 2003 Standard Edition for x86 and x64
- Microsoft Windows Server 2003 Standard Edition R2 for x86 and x64
- Microsoft Windows Server 2003 Web Edition SP2
- Microsoft Windows Server 2003 Enterprise Edition SP2
- Microsoft Windows Server 2003 SBS, Standard and Premium R2
- Microsoft Windows Server 2008 Standard for x86 and x64 (SMH 2.1.10 and later)
- Microsoft Windows Server 2008 Enterprise for x86 and x64 (SMH 2.1.10 and later)
- Microsoft Windows Server 2008 Datacenter for x86 and x64 (SMH 2.1.10 and later)
- Microsoft Windows Vista Business, Enterprise and Ultimate Edition
- Microsoft Windows XP SP3
- Red Hat Enterprise Linux 5 update 4 for x86 and AMD64/EMT64T
- Red Hat Enterprise Linux 4 update 9 for x86 and AMD64/EMT64T
- Red Hat Enterprise Linux 3 update 9 for x86, AMD64/EMT64T
- SUSE Linux Enterprise Server (SLES) 9 sp 4 or later for x86 and AMD64/EMT64T
- SUSE Linux Enterprise Server (SLES) 10 sp 1 or later for x86 and AMD64/EMT64T
- SUSE Linux Enterprise Server (SLES) 11 for x86 and AMD64/EMT64T
- ESX 3.0
- ESX 3.0.1
- ESX 3.0.2
- ESX 3.1
- Novell OES
- XEN 5.0
- OEL
- ESX 3.5 & ESX 4.0

Integrity Servers

- Microsoft Windows Server 2003 Enterprise 64 Edition
- Microsoft Windows Server 2003 Datacenter 64 Edition
- Red Hat Linux Advanced Server 2.1 Update 3 or later
- Red Hat Enterprise Linux 3 Update 2 or later
- SUSE Linux Enterprise Server (SLES) 8 with Service Pack 3 or later

NOTE: The System Management Homepage is currently supported on Windows and Linux platforms. However, users can access the HP Insight Management Agents for NetWare, SCO UnixWare, Tru64 Unix, and OpenVMS directly through either Microsoft Internet Explorer or Netscape Navigator.

Supported Browsers

NOTE: Access to the System Management Homepage is supported using the following browsers:

Browser	Windows	Linux
Firefox 2.0.0.x onwards	X	X
Mozilla 1.7.13	X	X
Mozilla Firefox 1.5.0.x	X	X
Microsoft Internet Explorer 6.0 SP2	X	
Microsoft Internet Explorer 7.0 (SMH 2.1.9 or later) & Microsoft Internet Explorer 8.0	X	



Technical Specifications

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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