

Overview

HP Insight Management Agents now support HP ProLiant 100 series Generation 6 (G6) servers. HP Insight Management Agents are based on industry standard technology that enables the management of these servers in enterprise, SMB, and Cloud Computing environments and are supported on HP ProLiant 100 Series for the first time with the introduction of G6 servers.

SNMP (Simple Network Management Protocol) is an industry standard communication protocol for managing and monitoring network devices. Its purpose is to provide a small, common, and simple set of commands that allow network devices to be managed. SNMP agent support has been supported on HP ProLiant 300 series and above for many years. Now, HP ProLiant 100 series Generation 6 servers are available with SNMP agents to allow management capabilities similar to HP ProLiant 300/500 series and BladeSystem servers. This capability allows SNMP based management of HP ProLiant 100-series G6 servers via HP Systems Insight Manager (SIM) or other SNMP based tools.

Additionally, in-band management capabilities for 100-series servers have been added that are similar to those available for HP ProLiant 300/500-series servers. Clients supported are:

- Systems Management Home Page (SMH) support
- HP SIM 5.3 support
- Services tools

Standard Features

Key Features

HP ProLiant 300 series and above have had HP Insight Management Agents for many years, but now HP ProLiant 100 series servers do too. These agents are based on a set of management and Internet standard technologies. The HP Insight Management Agents provide these basic capabilities:

- Server agents
 - Processor information and indications
 - Memory information and indications
 - PCI devices and system slot info
 - Sensor info and indications, including redundancy, fans, temperature sensors, power supplies, ASR, and unit ID visual indicator
 - Computer system info, including physical location, IML, system ROM, and aggregate system status
- Network agents
 - Network controller info and indications
- Storage agents
 - Storage controller info and indications
- Indications (Alerts) are logged to Windows® and Linux system event logs

HP ProLiant 100 series Insight Management agents are more limited than on 300 series and above; consequently:

- Health monitoring is limited to disk, fans, network, power supplies and temperature. (HP ProLiant 300 series and above have additional capabilities in the areas of memory, processors, fan redundancy, hardware logs, power metering, NMI logging as well as monitoring pre-failure thresholds.)
- Alerting for HP ProLiant 100 series provides basic alert notification. (HP ProLiant 300 Series and above have additional protection of critical server components by providing pre-failure alert notifications on memory, processors, and storage.)
- HP ProLiant 100 and 300 series and above provide the same performance monitoring capabilities by providing info on CPU, Memory, Disk free space, Network Utilization and I/O.

Availability and Usage

With HP ProLiant 100 series G6 servers, the HP Insight Management Agents are distributed as a part of the Easy Set-up CD that ships with each server. They are also available as part of an ISO image web downloads from each server's web pages. Additional information is available at:

www.hp.com/servers/easysetup.

NOTE: These agents will not be available on CD at the time of the first servers' introductions, but will be available on the ISO image for Web downloading immediately and phased into the Easy Set-up CD in spring, 2009.

QuickSpecs

HP Insight Management Agents for HP ProLiant 100 Series Servers

Standard Features

Benefits

- Maintain peak performance and reduce incidence of unplanned server downtime
- Save time and improve efficiency with browser-based, remote management
- Access all single server management information through a consistent user interface
- Seamless integration with HP Systems Insight Manager and other management applications
- More Secure Access and Authentication (OS-based / SSL-secure authentication on Windows and Linux platforms)
- Simplified System Management - aggregates system configuration, health and performance data for HP ProLiant 100 series servers into a single web-based interface
- Seamless integration with HP Systems Insight Manager
- Advanced Access Control
- Configurable trust modes levels
- Manage user system access through user account groups and NIC binding
- Supports OS-defined users and groups on Windows and Linux platforms
- Group configuration and setup via HP Systems Insight Manager
- Easy to set up and use

QuickSpecs

HP Insight Management Agents for HP ProLiant 100 Series Servers

Technical Specifications

Supported Operating Systems HP Insight Management Agents are formally supported for use on the following operating platforms:

- Microsoft® Windows Server™ 2003, Web Edition
 - Supported with Service Pack 1 and Service Pack 2
- Microsoft® Windows Server™ 2003, Standard Edition
 - Included with Service Pack 1 and Service Pack 2
- Microsoft® Windows Server™ 2003, Enterprise Edition
 - Included with Service Pack 1 and Service Pack 2
- Microsoft® Windows Server™ 2003, x64 Standard Edition
- Microsoft® Windows Server™ 2003, x64 Enterprise Edition
- Microsoft® Windows Server™ 2003, R2 Web Edition
- Microsoft® Windows Server™ 2003, R2 Standard Edition
- Microsoft® Windows Server™ 2003, R2 Enterprise Edition
- Microsoft® Windows Server™ 2003, R2 x64 Standard Edition
- Microsoft® Windows Server™ 2003, R2 x64 Enterprise
- Microsoft Windows Web Server 2008
- Microsoft Windows Server 2008 Standard 32-Bit
- Microsoft Windows Server 2008 Enterprise Edition 32-Bit
- Microsoft Windows Server 2008 Standard
- Microsoft Windows Server 2008 Enterprise
- RHEL 4 and 5, x86 and EM64T/AMD64
- SLES 10 and 11, x86 and EM64T/AMD64 (SLES 11 will not be on Easy Set-up CD because it is not in the SmartStart 8.20 release.)

Supported HP Servers	HP ProLiant ML Servers	HP ProLiant DL Servers
	HP ProLiant ML150 G6	HP ProLiant DL160 G6 HP ProLiant DL180 G6

Supported HP Management Processors HP Lights-Out 100i (on HP ProLiant 100 series G6 servers only)

Supported HP Network Options	NC110T	NC371i
	NC150T	NC373i
	NC310F	NC373T
	NC320i	NC380T
	NC320T	NC510C
	NC324i	NC510F
	NC325i	NC512m
	NC325m	NC3163
	NC326i	NC1020
	NC326m	NC6170
	NC360m	NC7170
	NC360T	NC7760
	NC364m	NC7761
	NC364T	NC7771
	NC370F	NC7780
	NC370i	NC7781
	NC370T	NC7782

NOTE: Some of the options listed above may be discontinued.

QuickSpecs

HP Insight Management Agents for HP ProLiant 100 Series Servers

Technical Specifications

Recommended Versions To obtain the maximum benefit and optimized operations from HP Insight Management Agents, the following versions of HP management tools are recommended.

HP Software Component		Windows Platform	Linux Platform
HP ProLiant Servers	HP System Insight Manager (HP SIM)	v5.2	
	HP System Management Home Page (HP SMH)	v2.1	
	HP ProLiant Support Pack	v8.1	

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