

Overview

The SMS Inventory Tool for HP ProLiant and Integrity Update enables the use of Microsoft Systems Management Server 2003 with Service Pack 1, Service Pack 2, or Service Pack 3 (SMS 2003 SP1, SP2 or SP3) for management and distribution of HP ProLiant and Integrity server system software, firmware, and complete support packs. The SMS Inventory Tool allows customers that have chosen SMS 2003 to manage HP server inventory and software with the tool they also use to manage operating system software updates. This product expands on existing integration tools for ProLiant with SMS 2000 and SMS 2003.

Customers using SMS will appreciate the obvious integration of the HP server software catalog within the SMS management structure. The Inventory tool supports all SMS features, including server inventory with adjustable scope, such as filtering by server model or Windows version. It allows remote scanning of HP server software configurations and reporting of the results via standard template reports. The tool also enables management and distribution of complete Support Packs or individual components (drivers, ROM, and software agents) to defined collections of servers. All data is presented through the SMS interface.

What's New

- Support of the Collect Utility to PSP 7.6 for ProLiant servers
- Support of the Collect Utility to ISP 4.6 for Integrity servers

At A Glance

The HP SMS Inventory Tool for HP ProLiant and Integrity Update is an integration kit for customers using Microsoft Systems Management Server (SMS) in Microsoft Windows 2000 Server and Windows Server 2003 environments.

The SMS Inventory Tool allows:

- The ability to inventory, distribute, and manage HP ProLiant and Integrity Server software, firmware, and software agents.
- Unlimited utilization of the tool after free download from HP.com, as well as use of the ProLiant Collect utility for detailed hardware component level inventory.
- User installation on most recent HP ProLiant Servers. It supports both ProLiant Servers and Integrity Servers as client systems under management of the SMS Site Server.

Availability and Usage

- The SMS Inventory Tool for HP ProLiant and Integrity Update is distributed from the HP web site at http://h18000.www1.hp.com/products/quickspecs/12326_div/12326_div.HTML
- 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 Inventory Tool must be installed by the user. Installation must include SMS Hot fixes from Microsoft for both SMS 2003 SP1 and SMS 2003 SP2. Detailed installation instructions are provided with the product. No hot fixes are required for SMS 2003 SP3.
- To learn more about additional HP server management capabilities, please visit our management software web site at: <http://www.managementsoftware.hp.com/>

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Key Features

- **ProLiant and Integrity Software Distribution:** Server software components and support packs that are available from hp.com can be distributed and installed to defined groups of remote servers. This includes individual drivers, BIOS, and software agents as well as ProLiant Support Packs. Newest ProLiant Support Packs and two versions prior are support for installation to Windows 2000 Server and Windows 2003 clients. Specifics of supported components are defined in the product documentation.
- **Adjustable scope for performing an inventory of ProLiant and Integrity servers:** The scope of the management collection can be limited and adjusted to logical groups of servers that are managed collectively. For example, scope can be adjusted to sort server inventory by server model or Microsoft® Windows® version to simplify definition of update requirements and facilitate large-scale software deployments using SMS.
- **Taking inventory of current server configurations:** Server collections can be scanned to enumerate the software, firmware, and support pack configurations of each server. Pre-defined reports simplify identification of currently installed (or missing) components.
- **Monitoring update status and outcome:** Log files are created to allow post-deployment audits of updates.
- **Taking inventory of hardware specific information:** Insight Hardware Inventory Collector utility is provided for users of this unique utility to inventory hardware-specific components and elements.

Benefits

- **Leverage unique ProLiant value through SMS:** Take advantage of HP's extensive capability to test and deliver complete server software kits. By making Support Packs and individual components from hp.com available for distribution via SMS, HP has further expanded the range of choices available to customers to ensure efficient and complete server change and configuration management.
- **Combine Microsoft and HP management tools:** The Inventory Tool enables SMS users to combine the best management technologies. All of the ProLiant Essentials, Integrity Essentials, System Insight Management and OpenView tools will work alongside SMS. This allows the customer to choose the best combination of management products from the broadest choices offered by any server vendor.
- **Integration of Windows server software distribution:** By using the Inventory Tool, customers can rely on SMS to manage and distribute all operating system and server software to the ProLiant and Integrity servers in their infrastructure. Consistent, complete software management reduces operating cost and improves operational reliability.
- **Ease of use:** The Inventory Tool is built entirely within the design framework of SMS. Users familiar with SMS will find the tool to be obvious and intuitive to operate. HP support is fully backed by Microsoft to ensure that the user's experience is positive and productive.
- **Collect Utility:** Supports the distribution and installation of the Collect utility for hardware inventory for legacy users of this tool.

Technical Specifications

Summary

Supported Operating Systems

The HP SMS Inventory Tool for HP ProLiant and Integrity Update is formally supported for use in SMS operations on the following operating systems:

ProLiant Servers

- Microsoft Windows Server 2003 (all editions)
- Microsoft Windows Server 2003 x64 editions
- Microsoft Windows 2000 Server with SP 4 or later
- Microsoft Windows 2000 Advanced Server with SP 4 or later

Integrity Servers

- Microsoft® Windows Server™ 2003, Enterprise Edition with SP1 for Itanium-based Systems
- Microsoft Windows Server™ 2003, Datacenter Edition with SP1 for Itanium-based Systems

SMS Support

The SMS Inventory Tool for HP ProLiant Update has been developed and tested for use with Microsoft® SMS 2003 SP1 or SMS 2003 SP2 or SMS 203 SP3. Previous versions of SMS must be updated and all applicable Microsoft® hot fixes must be applied to integrate properly with the inventory tool.

Recommended Hardware for SMS Servers

HP recommends the following minimum system requirements for HP ProLiant Servers acting as the SMS host and running Microsoft SMS 2003 SP1.

NOTE: HP Integrity Servers are not supported as SMS hosts.

- 550-MHz Intel® Celeron® processor or equivalent processor
- 256 MB RAM
- Hard disk space:
 - 10 MB-Installation directory
 - 20 MB-Installation log files
 - 12.5 MB-Scan tool
 - 30 MB-Scan tool log files

Additional hard disk space to support the HP repository is required in a local or network share folder. The current size of the HP repository is approximately 1.08 GB, and it will continue to grow as additional updates are released.

- CD-ROM or DVD-ROM drive
- NIC
- Windows 2000-compatible VGA
- Microsoft SMS 2003 SP1 with all applicable hot fixes as documented in the release notes for the tool

One of the following supported database applications is required

- Microsoft SQL Server 7.0 Standard Edition
- Microsoft SQL Server Enterprise Edition with SP3 or later
- SQL Server 2000 Standard Edition
- SQL Server Enterprise Edition with SP3a or later

Additional requirements:

- Microsoft Internet Information Services might be needed for certain SMS site system roles.
- Internet access might be needed if the sync tool is installed on the system
- Localized language support for SMS Servers is provided by specific hot fixes provided by Microsoft. HP supports German, French, Japanese, Simplified Chinese, and the SMS International Client Pack on SMS Servers. Users must

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have applied the appropriate hot fixes in order to use localized versions of the SMS server. Use of localized versions of SMS without these hot fixes will not work and is not supported.

For a more comprehensive listing of hardware and software requirements for SMS2003, refer to the Microsoft website (<http://www.microsoft.com/smsserver/techinfo/productdoc>).

Recommended Hardware for SMS Clients

The SMS Inventory Tool for HP ProLiant Update supports SMS functionality on the following HP ProLiant servers:

- HP ProLiant BL series servers
- HP ProLiant DL series servers
- HP ProLiant ML series servers

The inventory tool also supports SMS functionality on the following HP Integrity Servers:

- HP Integrity rx1620 Server
- HP Integrity rx2600 Server
- HP Integrity rx2620 Server
- HP Integrity rx2660 Server
- HP Integrity rx3600 Server
- HP Integrity rx4640 Server
- HP Integrity rx5670 Server
- HP Integrity rx6600 Server
- HP Integrity rx7620 Server
- HP Integrity rx7640 Server
- HP Integrity rx8620 Server
- HP Integrity rx8640 Server
- Superdome series servers

While most current and recent HP ProLiant and Integrity servers are supported as SMS clients, older servers may not be. Those that are not supported have not been tested by HP, and may not display inventory information correctly. It may still be possible to distribute software to these servers through SMS.

Specific exclusions include:

- HP ProLiant servers that precede the BL, DL, and ML product lines.
- HP NetServer servers

SNMP Requirement:

SNMP is required on every SMS client server to enable operation of the SMS Integration Tool.

HP ProLiant Support Pack requirements:

HP ProLiant Support Pack software components must carry specific digital signatures to operate within an SMS environment. These requirements are different for Windows 2000 Server and Windows Server 2003.

The following ProLiant Support Packs are supported under Windows 2000 Server products:

- HP ProLiant Support Pack 7.5 for Windows®
- Future HP ProLiant Support Packs for Windows

The following ProLiant Support Packs are supported under Windows Server 2003:

- HP ProLiant Support Pack 7.5 for Windows

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- Future HP ProLiant Support Packs for Windows

NOTE: The Collect Utility, version 7.2.13.0, is supported through PSP 7.6.

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