

HP Insight Software Support Matrix



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About this document

Intended Audience

This document is for the person who installs, administers, and troubleshoots servers and storage systems. HP assumes you are qualified in the servicing of computer equipment and trained in recognizing hazards in products with hazardous energy levels.

Related documents

In addition to this guide, the following table lists the documentation resources available for each of the components on the HP Insight Software DVDs. All HP Insight Control Environment Suites components are located on #1.

The *HP Insight Software Support Matrix* lists supported target servers and operating systems for the components in the various HP Insight Software suites.

For a comprehensive list of supported products in the release, see the latest support matrix at <http://www.hp.com/go/insight>.

Table 1 Related documents

Component	Document
HP Insight Control Environment Suites	<ul style="list-style-type: none">• HP Insight Control Environment website at http://www.hp.com/go/ice• <i>HP Insight Control Environment Suites Release Notes</i>• <i>HP Insight Control Environment Suites Support Matrix</i>• <i>HP Insight Control Environment Suites User Guide</i>• <i>HP Insight Software Installation Checklist</i>• <i>HP Insight Software Installation and Configuration Guide</i>• <i>HP Insight Software Quick Setup Poster</i>• Use the Documentation tab from the Autorun screen on Insight Software DVD #1 for individual documentation for each component.
HP Insight Software	<ul style="list-style-type: none">• HP Insight software website at http://www.hp.com/go/insight• <i>HP Insight Software Installation Checklist</i>• <i>HP Insight Software Installation and Configuration Guide</i>• <i>HP Insight Software Quick Setup Poster</i>• <i>HP Insight Software Release Notes</i>• <i>HP Insight Software Support Matrix</i>• Use the Documentation tab on HP Insight Software DVD #1 for individual documentation for each component.
HP Systems Insight Manager	<ul style="list-style-type: none">• HP Systems Insight Manager website at http://www.hp.com/go/hpsim• <i>HP Systems Insight Manager Installation and Configuration Guide for HP-UX</i>• <i>HP Systems Insight Manager Installation and Configuration Guide for Linux</i>• <i>HP Systems Insight Manager Installation and Configuration Guide for Microsoft Windows</i>• <i>HP Systems Insight Manager User Guide</i>• <i>Quick Start Guide</i>
HP BladeSystem Integrated Manager	<ul style="list-style-type: none">• HP BladeSystem Integrated Manager in HP Systems Insight Manager website at http://h18013.www1.hp.com/products/servers/management/bsme/index.html• HP BladeSystem c-Class Firmware & Upgrades at http://www.hp.com/go/bladestystemupdates
Insight Power Manager	<ul style="list-style-type: none">• HP Insight Power Manager website at http://www.hp.com/go/ipm• <i>Insight Power Manager User Guide</i>• <i>Insight Power Manager Installation and Configuration Guide</i>• <i>Insight Power Manager Support Matrix</i>• <i>Insight Power Manager ReadMe</i>

Component	Document
iLO2 Advanced Pack and iLO 2 Advanced for BladeSystem	<ul style="list-style-type: none"> • HP iLO 2 Advanced Pack and iLO 2 Advanced for BladeSystem website at http://www.hp.com/go/ilo • <i>User Guide</i>
HP Insight Rapid Deployment Software	<ul style="list-style-type: none"> • HP Insight Rapid Deployment software website at http://www.hp.com/go/rdp • <i>HP Insight Rapid Deployment Software User Guide</i> • HP website at http://www.hp.com/servers/rdp/kb (Regularly updated troubleshooting information, frequently asked questions, and specific how-to procedures are available on this site.)
HP Performance Management Pack and HP Vulnerability and Patch Management Pack	Documentation is incorporated into HP Insight Control Environment Suites documentation.
HP Virtual Machine Management Pack	<ul style="list-style-type: none"> • HP Virtual Machine Management Pack website at http://www.hp.com/go/vmmanage • <i>HP Virtual Machine Management Pack Release Notes</i> • <i>HP Virtual Machine Management Pack Support Matrix</i> • <i>HP Virtual Machine Management Pack User Guide</i>
HP Virtual Connect Enterprise Manager	<ul style="list-style-type: none"> • HP Virtual Connect Enterprise Manager website at http://www.hp.com/go/vcem • <i>HP Virtual Connect Enterprise Manager Release Notes</i> • <i>HP Virtual Connect Enterprise Manager User Guide</i>
HP Insight Dynamics – VSE	<p>▲ HP Insight Dynamics – VSE website at http://www.hp.com/go/insightdynamics</p> <p>The following documents are available on the :</p> <ul style="list-style-type: none"> • <i>HP Insight Dynamics - VSE & VSE Management Software Version 4.1 Getting Started Guide</i> • <i>HP Capacity Advisor User Guide</i> • <i>HP Virtualization Manager and Logical Server Management Version 4.1 Getting Started Guide</i> <p>For the latest versions for VSE Management Software manuals, as well as white papers and manuals for related products, see Virtual Server Environment website at http://docs.hp.com/en/vse.html.</p> <p>For the latest information about Insight Dynamics and Management Software, see Virtual Server Environment website at http://docs.hp.com/en/vse.html</p>
HP Insight Server Migration software for ProLiant	<ul style="list-style-type: none"> • HP Insight Server Migration software for ProLiant website at http://www.hp.com/go/migrate • <i>HP Insight Server Migration software for ProLiant Release Notes</i> • <i>HP Insight Server Migration software for ProLiant Support Matrix</i> • <i>HP Insight Server Migration software for ProLiant User Guide</i>
HP Insight Recovery	<ul style="list-style-type: none"> • HP Insight Recovery section at http://docs.hp.com/en/vse.html • <i>HP Insight Recovery 1.0 Release Notes</i> • <i>HP Insight Recovery White Paper</i>
HP Insight Orchestration Software	<ul style="list-style-type: none"> • HP Insight Orchestration website at http://www.hp.com/go/insightorchestration • <i>HP Insight Orchestration Software Release Notes</i> • <i>HP Insight Orchestration Software User Guide</i>

1 Overview

This support matrix lists requirements for HP Insight software. For more information about supported platforms and requirements for other components in HP Insight software, see the following documents:

Table 1-1 For Additional Information about Supported Platforms

Topic	Source of Additional Information
HP Insight Rapid Deployment software (RDP)	See the HP Insight Rapid Deployment software website at http://www.hp.com/go/rdp .
HP Insight Server Migration software for ProLiant	See the <i>HP Insight Server Migration software for ProLiant Support Matrix</i> .
HP Virtual Machine Management Pack	See the <i>HP Virtual Machine Management Pack Support Matrix</i> .

HP Insight Software

You can use the Insight Software DVDs to deploy and license the following HP Insight software. See the "HP components licensed with HP Insight Software suites" table for a list of components licensed with each product. You can install one or more products during installation.

- HP Systems Insight Manager (HP SIM)
- HP Insight Control Environment (ICE)
- HP Insight Control Environment for BladeSystem (ICE-BL)
- HP Insight Dynamics – VSE
- iLO Power Management Pack (iPMP)
- iLO Power Management Pack for BladeSystem (iPMP-BL)

HP Systems Insight Manager

HP SIM is the foundation for HP unified management strategy.

Key benefits include:

- Integration of remote support, service tools, contracts, and warranty management
- Hardware-level management for HP ProLiant, Integrity, and HP 9000 servers; HP BladeSystems; and HP StorageWorks MSA, EVA, and XP storage arrays
- Control of your Windows, HP-UX, Linux, OpenVMS, and NonStop environments

HP Insight Control Environment Suites (ProLiant ML, ProLiant DL, and ProLiant BladeSystem servers and blade workstations)

The HP Insight Control Environment suite is a licensed integrated management solution for HP ProLiant servers, delivering foundation management capabilities that includes rapid systems deployment, health and performance monitoring, remote control, vulnerability scanning, patch management, advanced power management and virtual machine management.



NOTE: HP Insight Control Environment and HP Insight Control Environment for BladeSystem have been combined into one suite. The HP Insight Control Environment standalone license includes HP Integrated Lights-Out 2 Advanced Pack, Systems Insight Manager, Insight Rapid Deployment, Insight Power Manager, Performance Management Pack, Vulnerability and Patch Management Pack, and Virtual Machine Management Pack. Insight Control Environment licenses purchased with a c-Class enclosure include the same licenses, except HP Integrated Lights-Out 2 Advanced for BladeSystem is included instead of HP Integrated Lights-Out 2 Advanced Pack.

Key features include:

- Unified system monitoring and control, built on HP SIM
- Graphical blade infrastructure discovery and administration
- Rapid server and operating system deployment
- Advanced server power management, including power capping
- Industry leading remote control and administration delivered through HP Integrated Lights-Out management
- Proactive performance management and bottleneck analysis
- Consolidated vulnerability scanning and patching for Microsoft® Windows® and Linux
- United management of physical and virtual infrastructure for VMware™ or Microsoft Virtual Server Environment

HP Insight Control Environment for BladeSystem

The HP Insight Control Environment for BladeSystem is a licensed integrated management solution for BladeSystem servers, delivering foundation management capabilities that includes rapid systems deployment, health and performance monitoring, remote control, vulnerability scanning, patch management, advanced power management and virtual machine management.



NOTE: HP Insight Control Environment and HP Insight Control Environment for BladeSystem have been combined into one suite. The HP Insight Control Environment standalone license includes HP Integrated Lights-Out 2 Advanced Pack, Systems Insight Manager, Insight Rapid Deployment, Insight Power Manager, Performance Management Pack, Vulnerability and Patch Management Pack, and Virtual Machine Management Pack. Insight Control Environment licenses purchased with a c-Class enclosure include the same licenses, except HP Integrated Lights-Out 2 Advanced for BladeSystem is included instead of HP Integrated Lights-Out 2 Advanced Pack.

Key features include:

- Unified system monitoring and control, built on HP SIM
- Graphical blade infrastructure discovery and administration
- Rapid server and operating system deployment
- Advanced power management for BladeSystem servers and enclosure resources, including power capping
- Industry-leading remote control and administration delivered through embedded BladeSystem functionality and HP Integrated Lights-Out 2 management
- Proactive performance management and bottleneck analysis
- Consolidated vulnerability scanning and patching for Windows® and Linux servers
- United management of physical and virtual infrastructure for VMware™ or Microsoft Virtual Server Environment

HP Insight Dynamics – VSE (ProLiant ML, ProLiant DL, and ProLiant BladeSystem servers)

HP Insight Dynamics – VSE enables you to continuously analyze and optimize your infrastructure.

Key features include:

- Providing the flexibility of virtualization to physical servers
- Planning for real-time server and power capacity
- Controlling physical and virtual resources in the same way
- Providing high availability with logical servers

iLO Power Management Pack (ProLiant ML and ProLiant DL servers)

HP iLO Power Management Pack is an energy-efficient management suite that provides core management services, full remote control, and advanced power management for ProLiant DL and ML servers through HP SIM.



NOTE: Beginning January 30, 2009, iLO Power Management Pack licenses will go end-of-life. On March 30, 2009, these licenses will be fully discontinued and no longer available for sale.

Key features include:

- Unified system monitoring and control built on HP SIM
- Graphical blade infrastructure discovery and administration
- Advanced server power management, including power capping
- Industry-leading remote control and administration
- United management of physical and virtual infrastructure for VMware™ or Microsoft Virtual Server Environments

iLO Power Management Pack for BladeSystem

HP iLO Power Management Pack for BladeSystem is an energy-efficient management suite that provides full remote control and advanced power management for BladeSystem infrastructures.



NOTE: Beginning January 30, 2009, iLO Power Management Pack for BladeSystem licenses will go end-of-life. On March 30, 2009, these licenses will be fully discontinued and no longer available for sale.

Key features include:

- Unified system monitoring and control built on HP SIM
- Advanced power management for BladeSystem servers and enclosure resources, including power capping
- Graphical blade infrastructure discovery and administration
- Industry-leading remote control and administration delivered through embedded BladeSystem functionality and HP Integrated Lights-Out 2 management

Component summary

You can install the following components using the HP Insight Software Integrated Installer:

- HP Integrated Lights-Out 2 Advanced Pack—Integrated management processor for shared remote consoles that delivers remote control performance and ease of use suitable for routine and emergency server administration.
- HP Integrated Lights-Out 2 Advanced for BladeSystem—Integrated management processor for ProLiant BL servers that delivers remote control performance and ease of use suitable for routine and emergency server administration.
- HP Insight Software Integrated Installer—A wizard-based installer used by HP Insight software suites to simplify the installation, configuration, and integration of HP SIM and Insight Essentials.
- HP Systems Insight Manager (HP SIM)—Provides unified foundation management services for HP servers, storage, and network resources from a single console. HP SIM delivers centralized fault, configuration, inventory, performance management, warranty details, automated service call initiation and troubleshooting information. HP SIM is built according to industry standards to manage HP and third-party infrastructure resources.
- HP Insight Power Manager (IPM)—Extends HP SIM with power consumption and thermal output monitoring to optimize data center power and cooling. Includes power regulation policies for groups of HP ProLiant servers.
- HP Insight Rapid Deployment software (RDP) —Configures and deploys multiple servers quickly and predictably in an unattended fashion using scripts and system images. Includes predefined scripts to

configure HP server hardware and deploy operating systems for Windows®, VMWare ESX™, and Linux platforms.

- Insight Software Advisor—Automatically verifies the target platform for compliance with installation prerequisites. The Advisor runs a series of tests on the server and identifies issues that might affect the HP Insight software integrated installation or operation.



NOTE: The Insight Software Advisor was formerly called the HP Insight Control Environment Advisor.

- HP Performance Management Pack (PMP)—Enables HP SIM to proactively detect, analyze, and report performance bottlenecks on HP ProLiant and Integrity servers, Modular Storage Array storage, and VMware™ and Microsoft Virtual Server virtual machines to ensure server workloads run at peak performance levels.
- HP Vulnerability and Patch Management Pack (VPM)—Integrates comprehensive vulnerability assessment and advanced patch management into HP SIM, to identify and resolve security vulnerabilities quickly and reliably in Microsoft® Windows® and Red Hat Linux environments.
- HP Virtual Machine Management Pack (VMM) —Provides unified virtual machine management of physical and virtual server resources within HP SIM. Supports VMware™, HP Integrated Citrix XenServer, and Microsoft virtual machine environments. VMM also supports XEN on Red Hat Enterprise Linux and SUSE Linux Enterprise Server virtualization products.
- HP Insight Server Migration software for ProLiant (SMP)—Provides an automated, accurate, and affordable way to migrate existing servers (physical or virtual) and their content to the latest HP BladeSystem or ProLiant server technologies, or to the latest virtualization platforms like VMware™, Microsoft™, and Citrix. SMP supports physical-to-ProLiant (P2P), virtual-to-ProLiant (V2P), physical-to-virtual (P2V), and virtual to virtual (V2V) migrations.
- HP Virtual Connect Enterprise Manager (VCEM)—Simplifies the management of BladeSystem environments that use HP Virtual Connect to control LAN and SAN connectivity. This application provides a central console to manage and control infrastructure resources, a single resource pool for LAN and SAN address administration, and grouping capabilities that enable rapid, reliable deployment and movement of servers across the data center.
- System Management Homepage (SMH)—Used by the suite of Web Based Enterprise Management to communicate over HTTP and HTTPS, which provides a uniform set of functionality and security to HP Web-enabled system management software.
- HP Version Control Repository Manager (VCRM)—In conjunction with the HP Version Control Agent (VCA), a tool that enables you to manage HP provided software stored in a repository.
- WMI Mapper—Makes it possible to retrieve WMI instrumented data from a Microsoft Windows supported system via Web Based Enterprise Management (WBEM) requests.
- Remote Support Software Manager (RSSWM)—A standalone application that you can use to manage software. It lists new software packages and updates for installed software that can be set to automatically or manually download and install the software. Some software packages require RSSWM.
- HP Systems Insight Manager Integration Module for Insight Rapid Deployment (RDP-HP SIM Connector)—Enables you to start deployments from the HP SIM console, in context of selected servers or groups of servers. The connector also synchronizes the RDP and HP SIM device databases.
- HP Insight Orchestration (IO) software—An optional extension of HP Insight Dynamics – VSE that enables self-service infrastructure capabilities. Using IO, you can design best practice infrastructure services, automatically provision from pools of resources through a self-service portal, continuously operate and optimize deployed infrastructure services, and integrate with existing management tools and processes using the embedded workflow automation software.
- Virtual Server Environment (VSE) management software—A set of applications which are among the components delivered by the HP Insight Dynamics – VSE for ProLiant and Virtual Server Environment for Integrity. These applications include HP Virtualization Manager and HP Capacity Advisor (CapAd).
- HP Insight Recovery software (HP IR)—An optional extension of the HP Insight Dynamics – VSE that provides for automated disaster recovery of logical server environments. With a simple click, HP Insight

Recovery transfers applications running on HP BladeSystems or in VMware™ virtual machines to a recovery site from a site impacted by a disaster situation.

The "HP components licensed with HP Insight Software suites" table lists licensing options for HP Insight software components. A checkmark signifies that the component is licensed with the suite.

HP Insight Control Environment licenses all ProLiant ML and DL 300, 500, and 700 servers, all ProLiant BladeSystem servers, and select BladeSystem workstations.

The HP Insight Dynamics – VSE has separate license keys. HP Insight Control Environment is a prerequisite for using the HP Insight Dynamics. HP Virtual Connect Enterprise Manager is installed along with the HP Insight Dynamics – VSE on the Central Management Server, but is licensed separately for c-Class enclosures.

HP Insight Orchestration software and HP Insight Recovery both require HP Insight Dynamics – VSE, but are licensed separately.

Table 1-2 HP components licensed with HP Insight Software suites

Component	Licensed with ICE	Licensed with ICE-BL	Licensed with HP Insight Dynamics – VSE	Licensed with iPMP	Licensed with iPMP-BL
HP Systems Insight Manager (HP SIM)	✓	✓	✓	✓	✓
HP Insight Power Manager (IPM)	✓	✓		✓	✓
HP Insight Rapid Deployment software (RDP) *	✓	✓			
Insight Software Advisor	✓	✓	✓	✓	✓
HP Performance Management Pack (PMP)	✓	✓			
HP Vulnerability and Patch Management Pack (VPM)	✓	✓			
HP Virtual Machine Management Pack (VMM)	✓	✓			
HP Insight Server Migration software for ProLiant			✓		
HP Virtual Connect Enterprise Manager (VCEM)*					
HP Insight Orchestration (IO) software*					
HP Virtual Server Environment Management Software (Windows CMS)			✓		
HP Insight Recovery (HP IR)*					
* - Licensed separately					
NOTE: You can install all components as part of an HP Insight software installation, but you license some components separately.					

The Insight Software DVD can be accessed from the local installation server or mapped from another system.

2 Central Management Server requirements

This chapter describes the Central Management Server (CMS) requirements for the installation of HP Insight software .

Hardware requirements

The following table lists the Insight software CMS hardware installation requirements.

Table 2-1 Hardware requirements

Component	Specification
Server	HP ProLiant BladeSystem c-Class or p-Class server blades, or HP ProLiant ML or DL 300, 500, and 700 G3 or higher recommended
Memory	At least 2 GB RAM (3 GB RAM recommended). If you are installing HP Insight Dynamics – VSE, 4 - 6 GB is recommended. ¹
Processor	At least 1.6 GHz (2 GHz or faster recommended) ²
Disk space	At least 15 GB for HP Insight software. More space is needed for storing deployment operating systems (for HP Insight Rapid Deployment software) and patches (for Vulnerability and Patch Management Pack). ³
File structure	New Technology File System (NTFS)
DVD drive	Local or mapped DVD drive required

1 Construction of a system meeting the minimum memory requirements for Virtual Server Environment (VSE) operation is problematic on 32-bit versions of the Windows Server family due to the maximum addressable memory space of a 32-bit operating system of 4 GB. This memory space is also shared by some hardware elements, such as video memory, reducing the maximum available memory below the minimum recommended by HP. To overcome this limitation, the /PAE switch can be added to the boot.ini file to enable the Physical Address Extension feature. This allows access to memory above 4 GB on 32-bit operating system editions running on hardware that supports PAE.

2 For HP Insight Dynamics – VSE, two or more processing cores are required.

3 For information about HP Insight Dynamics requirements, see the *HP Insight Dynamics - VSE and HP VSE Management Software Version 4.1 Support Matrix* or *HP Insight Dynamics - VSE & VSE Management Software Version 4.1 Getting Started Guide*.

Software requirements

The following naming conventions are used in Table 2-4 “ HP Insight software CMS requirements”.

Table 2-2 Operating system naming convention

Term	Operating System
Windows Server 2008 (32-bit)	Microsoft Windows Server® 2008, Standard and Enterprise Edition 32-bit
Windows Server 2008 (64-bit)	Microsoft Windows Server 2008, Standard and Enterprise Edition 64-bit (32-bit mode) ¹
Windows Server 2003	Windows Server 2003, Standard and Enterprise Edition SP2 (32-bit)
Windows Server 2003 R2	Windows Server 2003 R2, Standard and Enterprise Edition SP2 (32-bit)

1 ID – VSE, VCEM, IO, and HP IR do not support CMS installation to 64-bit Windows Server 2008. For more information, see the component's support matrix.

The following abbreviations are used in the tables.

Table 2-3 Component Abbreviations

Abbreviation	Component
HP II	HP Integrated Installer
HP IR	HP Insight Recovery
HP SIM	HP Systems Insight Manager
IPM	HP Insight Power Manager

Abbreviation	Component
IO	HP Insight Orchestration software
PMP	HP Performance Management Pack
RDP	HP Insight Rapid Deployment software
SMP	HP Insight Server Migration software for ProLiant ¹
VMM	HP Virtual Machine Management Pack
VPM	HP Vulnerability and Patch Management
VSE	Virtual Server Environment ²

1 See the *HP Insight Server Migration software for ProLiant Support Matrix* information about differences between migrations.

2 See the *HP Insight Dynamics - VSE and HP VSE Management Software Version 4.1 Support Matrix*.

Table 2-4 HP Insight software CMS requirements

Specification	Windows Server 2008		Windows Server 2003		Windows Server 2003 R2	
	32-bit	64-bit	32-bit	64-bit	32-bit	64-bit
.NET 1.1 Framework ¹	✓	✓	✓		✓	
.NET 2.0 Framework ²	✓	✓	✓		✓	
.NET 3.0 Framework ³	✓	✓	✓		✓	
Acrobat® Reader	✓	✓	✓		✓	
Adobe Flash Player 9.0 ³	✓	✓	✓		✓	
Microsoft iSCSI Software Initiator 2.06, 2.07 or 2.08 ⁴			✓		✓	
iSCSI 6.0.6001.18000 ⁵	✓	✓				
SNMP	✓	✓	✓		✓	
TCP/IP with DNS installed so that system names must resolve to an IP addresses. It is necessary that IP addresses must resolve to system names.	✓	✓	✓		✓	
Windows Automated Installation Kit (WAIK) 2.1 ⁶	✓	✓	✓		✓	

1 This requirement applies to HP Insight Rapid Deployment software.

2 If .NET 2.0 is not installed, it is installed during the Integrated Installation.

3 This requirement applies to HP Insight Orchestration software.

4 This requirement applies to HP Insight Server Migration software for ProLiant.

5 This requirement applies to HP Insight Server Migration software for ProLiant and is already installed by default.

6 This requirement applies to HP Insight Rapid Deployment software. If you are installing or upgrading HP Insight Rapid Deployment software, you must first install Microsoft WAIK 2.1, also known as the *Automated Installation Kit (AIK) for Windows Vista SP1 and Windows Server 2008* It is available at the [Microsoft website](http://www.microsoft.com), or search for 936330AIK on <http://www.microsoft.com> (the filename is 6001.18000.080118-1840-kb3aikl_en.iso).



NOTE: The CMS supports Windows 2003 and 2008 International Server - French, German, Italian, Spanish, and Japanese (latest service pack available for each language).

NOTE: HP Performance Management Pack (PMP) 5.2 requires Java Runtime Environment (JRE) 5.0 to complete the installation successfully if JRE 1.4.2 or earlier is installed on the system.

If JRE is not installed on the system, the PMP 5.2 installation continues without an issue.

Table 2-5 Supported browsers in Insight software components

Browser	HP SIM	RDP	PMP	VPM	IPM	VMM	SMP	ID-VSE	IO	HP IR	VCEM
Microsoft Internet Explorer 6.0 SP2	✓	✓	✓	✓	✓	✓	✓	✓	✓ ¹	✓	✓
Microsoft Internet Explorer 7.0	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Browser	HP SIM	RDP	PMP	VPM	IPM	WMM	SMP	ID-VSE	IO	HP IR	VCEM
Mozilla Firefox 2.0	✓		✓		✓	✓	✓	✓			✓
Mozilla Firefox 3.0	✓		✓		✓		✓	✓	✓		✓

1 IO requires Internet Explorer 6.0 SP3.

Table 2-6 Supported Windows CMS operating systems in Insight software components

Operating system	HP II	HP SIM	RDP	PMP	VPM	IPM	WMM	SMP	ID-VSE	IO	HP IR	VCEM
Windows Server 2008, Standard and Enterprise Edition SP1 32-bit		✓		✓			✓					
Windows Server 2008, Standard and Enterprise Edition 32-bit	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2008, Standard and Enterprise Edition 64-bit (32-bit mode)	✓	✓	✓	✓	✓	✓	✓	✓				
Windows Server 2003, Standard and Enterprise Edition SP2 32-bit	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2003 R2, Standard and Enterprise Edition SP2 32-bit	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Table 2-7 Supported Virtual Servers for Insight software components

Operating system	HP II	HP SIM	RDP	PMP	VPM	IPM	WMM	SMP	ID-VSE	IO	HP IR	VCEM
Supported 32-bit Windows operating system running as a guest on VMware ESX 3.0.1	✓	✓	✓	✓	✓	✓	✓		✓			✓
Supported 32-bit Windows operating system running as a guest on VMware ESX 3.0.2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
Supported 32-bit Windows operating system running as a guest on VMware ESX 3.0.3	✓	✓	✓	✓			✓	✓	✓			✓
Supported 32-bit Windows operating system running as a guest on VMware ESX 3.5 Update 1	✓	✓	✓	✓		✓	✓		✓	✓		✓
Supported 32-bit Windows operating system running as a guest on VMware ESX 3.5 Update 2		✓	✓				✓					
Supported 32-bit Windows operating system running as a guest on VMware ESX 3.5 Update 3		✓	✓				✓					
Supported 32-bit Windows operating system running as a guest on VMware ESX 3.5 Update 4	✓	✓	✓	✓		✓	✓		✓	✓		✓
Supported 32-bit Windows operating system running as a guest on VMware ESXi 3.5 Update 1		✓	✓					✓				
Supported 32-bit Windows operating system running as a guest on VMware ESXi 3.5 Update 2		✓	✓			✓		✓				

Operating system	HP II	HP SIM	RDP	PMP	VPM	IPM	WMM	SMP	ID-VSE	IO	HP IR	VCEM
Supported 32-bit Windows operating system running as a guest on VMware ESXi 3.5 Update 3		✓	✓					✓				
Supported 32-bit Windows operating system running as a guest on VMware ESXi 3.5 Update 4		✓	✓					✓				
Integrity VM HP-UX running as guest on an HP-UX 11i v2 operating system		✓				✓			✓			
Integrity VM HP-UX running as guest on an HP-UX 11i v3 operating system		✓				✓			✓			
Microsoft Hyper-V ¹		✓	✓		✓	✓						

¹ The CMS is supported running on this operating system which is a guest on the hypervisor.

The following table lists the minimum support for installation of HP Insight software . Installations with Microsoft Data Engine (MSDE) 2000 Service Pack 3a are migrated to Microsoft SQL 2005 Express Edition Service Pack 2.

Table 2-8 HP Insight software supported CMS databases

Database	Local database	Remote database
Microsoft SQL Server 2008 ¹	✓	✓
Microsoft SQL Server 2005 SP2 ¹	✓	✓
Microsoft SQL Server 2005 Express Edition SP2 ²	✓	

¹ SQL Server 2005 and 2008 supports up to 5,000 systems and 50,000 events.

² SQL Server 2005 Express Edition supports up to 500 systems and 5,000 events.



NOTE: When VPM is installed on a CMS with a remote connection to the HP SIM database, VPM installs a local copy of Microsoft SQL Express and creates a database instance to store and manage vulnerability definitions and scan results.

Supported configurations

The following configurations are supported both in a Windows domain and a workgroup:

- If one server is in a Windows domain, ensure that all servers are in that Windows domain. Servers in different Windows domains are not supported.
- If one server is in a Windows domain, ensure that the domain server is a separate server. Installation of HP Insight software is not supported on domain servers.
- If one server is in a workgroup, ensure that each server has a local account with the same name and password (both for services and database credentials).



NOTE: HP does not recommend the installation of both Insight Rapid Deployment and an HP Ignite-UX server on the same subnet.

For a complete list and diagram of supported configurations, see the *HP Insight Software Installation and Configuration Guide*.

3 Managed systems requirements

This chapter describes the managed systems that can be licensed by Insight software suites and components.

Hardware requirements

The following table lists hardware supported as a managed system for Insight software suites and components.

Table 3-1 Hardware requirements

Product	Supports the following managed systems
HP Insight Control Environment	ProLiant c-Class and p-Class server blades HP ProLiant DL and ML (300, 500, and 700 series) servers ¹ ProLiant xw2x220c ProLiant xw460c
HP Insight Control Environment for BladeSystem	ProLiant c-Class and p-Class server blades ProLiant xw2x220c ProLiant xw460c
HP Insight Dynamics – VSE	All ProLiant c-Class server blades ² ProLiant DL and ML (300, 500, and 700 series) servers
iLO Power Management Pack	ProLiant DL360 G5 ProLiant DL365 G1 ProLiant DL380 G5 ProLiant DL385 G2 ProLiant ML350 G5 ProLiant ML370 G5
iLO Power Management Pack for BladeSystem	ProLiant xw2x220c ProLiant BL2x220 G5 ProLiant BL260c G5 ProLiant BL460c G5 ProLiant BL465c ProLiant BL480c ProLiant BL495c G5 ProLiant BL680c G5 ProLiant BL685c ProLiant BL870c ProLiant xw460c
HP Insight Power Manager ¹	ProLiant BL2x220 G5 ProLiant BL260c ProLiant BL260c G5 ProLiant BL460c ProLiant BL460c G5 ProLiant BL465c ProLiant BL465c G5 ProLiant BL480c ProLiant BL495c G5 ProLiant BL680c G5 ProLiant BL685c G1 ProLiant BL685 G5 ProLiant DL360 G5 ProLiant DL365 ProLiant DL365 G5 ProLiant DL380 G5 ProLiant DL385 G2 ProLiant DL385 G5 ProLiant ML350 G5 ProLiant ML370 G5 ProLiant xw460c ProLiant xw2x220c Integrity BL860c Integrity BL870c Integrity rx2660 Integrity rx3600 Integrity rx6600 BladeSystem c3000 Enclosure BladeSystem c7000 Enclosure

Product	Supports the following managed systems
HP Insight Orchestration software	All HP ProLiant c-Class ProLiant server blades ² ProLiant DL and ML (300, 500, and 700 series) servers ³
HP Insight Recovery	All ProLiant c-Class server blades ProLiant DL and ML (300, 500, and 700 series) servers ³
HP Insight Rapid Deployment software	See RDP target servers for an updated list of target servers.
HP Insight Server Migration software for ProLiant	<p>Windows migrations</p> <ul style="list-style-type: none"> ProLiant BL20p G4 ProLiant BL25p G2 ProLiant BL35p G1 ProLiant BL45p G2 ProLiant BL260c G5 ProLiant BL280c G6 ProLiant BL2x220c G5 ProLiant BL460 G6 ProLiant BL460c G1 ProLiant BL460c G5 ProLiant BL465c G1 ProLiant BL465c G5 ProLiant BL480c G1 ProLiant BL490c G6 ProLiant BL495c G5 ProLiant BL680c G5 ProLiant BL685c G1 ProLiant BL685c G5 ProLiant BL685c G6 ProLiant DL320 G5 ProLiant DL320 G5p ProLiant DL320 G6 ProLiant DL360 G4 ProLiant DL360 G5 ProLiant DL360 G6 ProLiant DL365 G1 ProLiant DL365 G5 ProLiant DL380 G4 ProLiant DL380 G5 ProLiant DL380 G6 ProLiant DL385 G2 ProLiant DL385 G5p ProLiant DL385 G5 ProLiant DL580 G4 ProLiant DL580 G5 ProLiant DL585 G2 ProLiant DL585 G5 ProLiant DL785 G5 ProLiant ML310 G4 ProLiant ML310 G5 ProLiant ML310 G5p ProLiant ML330 G6 ProLiant ML350 G5 ProLiant ML350 G6 ProLiant ML370 G5 ProLiant ML370 G6 ProLiant ML570 G4 <p>Linux migrations</p> <ul style="list-style-type: none"> ProLiant BL460 G6 ProLiant BL460c G5 ProLiant BL495c G5 ProLiant DL360 G5 ProLiant DL360 G6 ProLiant DL380 G5 ProLiant DL380 G6
HP Systems Insight Manager	Any ProLiant x86 or x64 server

Product	Supports the following managed systems
HP Virtual Connect Enterprise Manager	HP 1/10G Virtual Connect Ethernet Module for c-Class BladeSystem HP 1/10Gb-F Virtual Connect Ethernet Module for c-Class BladeSystem HP 10/10Gb-F Virtual Connect Ethernet Module HP 4Gb Virtual Connect Fibre Channel Module for c-Class BladeSystem BladeSystem c3000 Enclosure with Onboard Administrator 2.25 or later BladeSystem c3000 Tower Enclosure with Onboard Administrator 2.25 or later BladeSystem c7000 Enclosure with Onboard Administrator 2.25 or later All ProLiant and Integrity c-Class server blades VCEM supports HP Virtual Connect Enterprise Manager firmware version 1.24, 1.3x and 2.0x. For more information, see HP Virtual Connect Enterprise Manager website at http://www.hp.com/go/vcem .
HP Virtual Machine Management Pack	Hardware independent

- 1 To use HP Insight Power Manager, a server must have iLO2 installed and a power meter that runs the HP Integrated Lights-Out 2 Advanced for BladeSystem, HP Integrated Lights-Out 2 Select Pack or HP Integrated Lights-Out 2 Advanced Pack.
- 2 HP Insight Dynamics – VSE and HP Insight Orchestration software do not support the BL2x220c server blade.
- 3 HP Insight Orchestration software and HP Insight Recovery supports DL and ML servers as VM hosts only.

HP Performance Management Pack

If PMP is installed, the managed system must be a ProLiant or Integrity server. Only supported server types appear in the PMP administration screens.

A managed system might contain options that PMP does not recognize, however, these unsupported options do not affect performance analysis. Any unsupported options appear as *unknown* in the PMP display.

Servers with Intel® Pentium® Pro processors are not supported.

The following tables list the supported configurations for managed systems.

Table 3-2 Supported PMP managed systems for ProLiant servers

Series	Server model
HP ProLiant BL series servers	ProLiant BL10e ProLiant BL10e G2 ProLiant BL20p ProLiant BL20p G2 ProLiant BL20p G3 ProLiant BL20p G4 ProLiant BL25p ProLiant BL25p G2 ProLiant BL30p ProLiant BL35p ProLiant BL40p ProLiant BL45p ProLiant BL45p G2 ProLiant BL2x220c G5 ProLiant BL260c G5 ProLiant BL460c ProLiant BL460c G6 ProLiant BL465c G5 ProLiant BL480c ProLiant BL490c G6 ProLiant BL495c G5 ProLiant BL680c ProLiant BL685c G5

Series	Server model
ProLiant DL series servers	ProLiant DL320 ProLiant DL320 G2 ProLiant DL320 G3 ProLiant DL320 G4 ProLiant DL320 G5 ProLiant DL320 G5p ProLiant DL320s G1 ProLiant DL360 ProLiant DL360 G2 ProLiant DL360 G3 ProLiant DL360 G4 ProLiant DL360 G4p ProLiant DL360 G5 ProLiant DL360G6 ProLiant DL365 G5 ProLiant DL380 ProLiant DL380 G2 ProLiant DL380 G3 ProLiant DL380 G4 ProLiant DL380 G5 ProLiant DL380 G6 ProLiant DL385 ProLiant DL385 G5 ProLiant DL560 ProLiant DL580 ProLiant DL580 G2 ProLiant DL580 G3 ProLiant DL580 G4 ProLiant DL580 G5 ProLiant DL585 ProLiant DL585 G5 ProLiant DL740 ProLiant DL760 ProLiant DL760 G2 ProLiant DL785
ProLiant ML series servers	ProLiant ML310 ProLiant ML310 G2 ProLiant ML310 G3 ProLiant ML310 G4 ProLiant ML310 G5 ProLiant ML330 G2 ProLiant ML330 G3 ProLiant ML350 G2 ProLiant ML350 G3 ProLiant ML350 G4 ProLiant ML350 G4p ProLiant ML350 G5 ProLiant ML350 G6 ProLiant ML370 ProLiant ML370 G2 ProLiant ML370 G3 ProLiant ML370 G4 ProLiant ML370 G5 ProLiant ML370 G6 ProLiant ML530 ProLiant ML530 G2 ProLiant ML570 ProLiant ML570 G2 ProLiant ML570 G3 ProLiant ML570 G4 ProLiant ML750
Blade workstations	ProLiant xw460c ProLiant xw2x220c

Series	Server model
Integrity servers	Integrity rx1620 Integrity rx2600 Integrity rx2620 Integrity rx2660 Integrity rx3600 Integrity rx4640 Integrity rx5670 Integrity rx6600 Integrity rx7640 Integrity rx7620 Integrity rx8620 Integrity rx8640 Integrity rx2660 Office Friendly Version Integrity BL860c Integrity BL870c Integrity Superdome

Software requirements

HP Insight software components manage target operating systems. This section groups supported operating systems into families and lists the supported target operating systems for Insight software component. Unless otherwise specified, operating systems listed are 32-bit.

For HP Vulnerability and Patch Management Pack, HP recommends installing HP Insight Management Agents on ProLiant target systems to enable HP SIM to identify target operating systems. To patch a target system you must have previously deployed the VPM Patch Agent. To use HP Vulnerability and Patch Management on Linux target operating systems, you must install Secure Shell (SSH).

To review the supported operating systems in each family, select an operating system family link from the list below:

- [Table 3-3 “Managed systems supported by Windows Server 2008 operating systems in Insight software components”](#)
- [Table 3-4 “Managed systems supported by Windows Server 2003 operating systems in Insight software components”](#)
- [Table 3-5 “Managed systems supported by Microsoft Windows 2000 operating systems in Insight software components”](#)
- [Table 3-6 “Managed systems supported by Windows Small Business Server operating systems in Insight software components”](#)
- [Table 3-7 “Managed systems supported by Windows Vista operating systems in Insight software components”](#)
- [Table 3-8 “Managed systems supported by Windows XP operating systems in Insight software components”](#)
- [Table 3-9 “Managed systems supported by Red Hat operating systems in Insight software components”](#)
- [Table 3-10 “Managed systems supported by SUSE Linux operating systems in Insight software components”](#)
- [Table 3-11 “Managed systems supported by Hypervisor Hosts in Insight software components”](#)
- [Table 3-12 “Managed systems supported by VM Guests in Insight software components”](#)
- [Table 3-13 “Managed systems supported by HP-UX and HP NonStop Kernel operating systems in Insight software components”](#)
- [Table 3-14 “Managed systems supported by IBM operating systems in Insight software components”](#)
- [Table 3-15 “Managed systems supported by Solaris operating systems in Insight software components”](#)
- [Table 3-16 “Managed systems supported by Novell operating systems in Insight software components”](#)



NOTE: HP Performance Management Pack requires installation of HP Insight Management Agents.

NOTE: VCEM supports all operating systems supported by HP Virtual Connect. To verify that a particular blade you place into your enclosure supports a specific operating system, visit HP website at <http://www.hp.com>, and review the QuickSpecs for that blade.

Table 3-3 Managed systems supported by Windows Server 2008 operating systems in Insight software components

Operating system	HP SIM	RDP	PMP	VPM	IPM	VMM	SMP	VSE	IO	HP IR
Windows Server 2008, Standard Edition	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2008, Standard Edition SP1	✓		✓							
Windows Server 2008, Standard x64 Edition	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2008, Standard x64 Edition SP1	✓		✓							
Windows Server 2008, Standard Core	✓				✓					
Windows Server 2008, Datacenter Edition	✓	✓	✓		✓	✓	✓			
Windows Server 2008, Datacenter x64 Edition	✓	✓			✓	✓			✓	
Windows Server 2008, Datacenter Core	✓				✓					
Windows Server 2008, Enterprise Edition	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2008, Enterprise Edition SP1	✓		✓							
Windows Server 2008, Enterprise x64 Edition	✓	✓	✓	✓	✓	✓		✓		✓
Windows Server 2008, Enterprise x64 Edition SP1	✓		✓				✓			
Windows Server 2008, Enterprise Core	✓				✓					
Windows Server 2008, Web Edition	✓			✓	✓					
Windows Server 2008, Web Edition SP1	✓									
Windows Server 2008, Web x64 Edition										
Windows Server 2008 for Itanium-based systems	✓	✓	✓		✓			✓		
Windows Server 2008 for Itanium based system SP1	✓									
Windows Server 2008, Data Center Edition SP1	✓		✓							
Windows Server 2008, Data Center x64 Edition SP1	✓		✓							

Table 3-4 Managed systems supported by Windows Server 2003 operating systems in Insight software components

Operating system	HP SIM	RDP	PMP	VPM	IPM	VMM	SMP	VSE	IO	HP IR
Windows Server 2003, Standard Edition	✓		✓	✓	✓		✓			
Windows Server 2003, Standard Edition SP1	✓		✓	✓	✓	✓	✓			
Windows Server 2003, Standard Edition SP2	✓	✓	✓	✓	✓	✓		✓	✓	✓
Windows Server 2003, Standard x64 Edition	✓		✓	✓	✓	✓				
Windows Server 2003, Standard x64 Edition SP1	✓									
Windows Server 2003, Standard x64 Edition SP2	✓	✓	✓	✓	✓	✓		✓	✓	✓
Windows Server 2003, Enterprise Edition	✓		✓		✓	✓	✓			
Windows Server 2003, Enterprise Edition SP1	✓		✓	✓	✓	✓	✓			
Windows Server 2003, Enterprise Edition SP2	✓	✓	✓	✓	✓	✓		✓	✓	✓
Windows Server 2003, Enterprise x64 Edition	✓		✓		✓	✓				

Operating system	HP SIM	RDP	PMP	VPM	IPM	VMM	SMP	VSE	IO	HP IR
Windows Server 2003, Enterprise x64 Edition SP1	✓		✓		✓	✓				
Windows Server 2003, Enterprise x64 Edition SP2	✓	✓	✓		✓	✓		✓	✓	✓
Windows Server 2003, Enterprise Edition for Itanium® based systems	✓		✓		✓			✓		
Windows Server 2003, Enterprise Edition SP1 for Itanium based systems	✓		✓		✓			✓		
Windows Server 2003, Enterprise Edition SP2 for Itanium-based systems	✓	✓	✓		✓			✓		
Windows Server 2003, Web Edition	✓				✓					
Windows Server 2003, Web Edition SP1	✓				✓		✓			
Windows Server 2003, Web Edition SP2	✓	✓			✓					
Windows Server 2003, Web x64 Edition										
Windows Server 2003, Web x64 Edition SP2		✓								
Windows Server 2003, Datacenter Edition	✓		✓		✓		✓			
Windows Server 2003, Datacenter Edition SP1	✓				✓					
Windows Server 2003, Datacenter Edition SP2	✓				✓					
Windows Server 2003, Datacenter x64 Edition	✓				✓					
Windows Server 2003, Datacenter x64 Edition SP1	✓				✓					
Windows Server 2003, Datacenter x64 Edition SP2	✓				✓					
Windows Server 2003, Datacenter Edition for Itanium-based systems	✓		✓		✓			✓		
Windows Server 2003, Datacenter Edition SP1 for Itanium-based systems	✓				✓			✓		
Windows Server 2003, Datacenter Edition SP2 for Itanium-based system	✓				✓			✓		
Windows Server 2003, Compute Cluster x64 Edition										
Windows Server 2003, Compute Cluster x64 Edition SP2		✓								
Windows Server 2003 R2, Standard Edition	✓		✓		✓	✓	✓			
Windows Server 2003 R2, Standard Edition SP2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2003 R2, Standard x64 Edition	✓		✓		✓	✓				
Windows Server 2003 R2, Standard x64 Edition SP2	✓	✓	✓	✓	✓	✓		✓	✓	✓
Windows Server 2003 R2, Enterprise Edition	✓		✓		✓	✓	✓			
Windows Server 2003 R2, Enterprise Edition SP2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Windows Server 2003 R2, Enterprise x64 Edition	✓		✓		✓	✓				
Windows Server 2003 R2, Enterprise x64 Edition SP2	✓	✓	✓		✓	✓		✓	✓	✓
Windows Server 2003 R2, Web Edition										
Windows Server 2003 R2, Web Edition SP2										
Windows Server 2003 R2, Web x64 Edition										
Windows Server 2003 R2, Web x64 Edition SP2										
Windows Server 2003 R2, Datacenter x64 Edition										
Windows Server 2003 R2, Datacenter x64 Edition SP2	✓				✓					

Table 3-5 Managed systems supported by Microsoft Windows 2000 operating systems in Insight software components

Operating system	HP SIM	RDP	PMP	VPM	IPM	VMM	SMP	VSE	IO	HP IR
Windows 2000 Server										
Windows 2000 Server, SP2	✓		✓		✓					
Windows 2000 Server, SP3	✓		✓	✓	✓					
Windows 2000 Server, SP4	✓		✓	✓			✓			
Windows 2000 Advanced Server										
Windows 2000 Advanced Server, SP2	✓		✓	✓	✓					
Windows 2000 Advanced Server, SP3	✓		✓	✓	✓					
Windows 2000 Advanced Server, SP4	✓		✓	✓	✓					
Windows 2000 Datacenter, SP2 or later	✓				✓					
Windows 2000 Professional										
Windows 2000 Professional, SP3 or later										
Windows NT4 SP6	✓				✓					

Table 3-6 Managed systems supported by Windows Small Business Server operating systems in Insight software components

Operating system	HP SIM	RDP	PMP	VPM	IPM	VMM	SMP	VSE	IO	HP IR
Windows Small Business Server 2003, Standard Edition	✓			✓	✓	✓	✓			
Windows Small Business Server 2003, Standard Edition SP1	✓				✓					
Windows Small Business Server 2003, Standard Edition SP2	✓				✓					
Windows Small Business Server 2003 R2, Standard Edition							✓			
Windows Small Business Server 2003, Premium Edition	✓			✓	✓		✓			
Windows Small Business Server 2003, Premium Edition SP1	✓									
Windows Small Business Server 2003, Premium Edition SP2	✓				✓					
Windows Small Business Server 2003 R2, Premium Edition							✓			

Table 3-7 Managed systems supported by Windows Vista operating systems in Insight software components

Operating system	HP SIM	RDP	PMP	VPM	IPM	VMM	SMP	VSE	IO	HP IR
Windows Vista Business, 32-bit	✓		✓	✓	✓					
Windows Vista Business, 32-bit SP1	✓		✓							
Windows Vista Business, 64-bit	✓	✓		✓	✓	✓				
Windows Vista Business, 64-bit SP1	✓	✓	✓							
Windows Vista Enterprise, 32-bit	✓	✓	✓	✓	✓	✓				
Windows Vista Enterprise, 32-bit SP1	✓	✓		✓						
Windows Vista Enterprise, 64-bit	✓	✓	✓	✓	✓	✓				
Windows Vista Enterprise, 64-bit SP1	✓	✓								



NOTE: For 32-bit and 64-bit versions of Windows Vista Business and Windows Vista Enterprise, PMP supports only ProLiant xw460c and ProLiant xw2x220c Workstation Blades.

Table 3-8 Managed systems supported by Windows XP operating systems in Insight software components

Operating system	HP SIM	RDP	PMP	VPM	IPM	VMM	SMP	VSE	IO	HP IR
Windows XP Professional, SP1	✓	✓			✓					
Windows XP Professional, SP2	✓	✓	✓	✓	✓	✓				
Windows XP Professional, SP3	✓	✓		✓	✓					
Windows XP Professional x64 Edition	✓	✓				✓				
Windows XP Professional x64 Edition SP1	✓	✓	✓	✓	✓	✓				
Windows XP Professional x64 Edition SP2	✓	✓								
Windows XP Professional x64 Edition SP3	✓	✓								



NOTE: For Windows XP Professional and Windows XP Professional x64 Edition, PMP supports only ProLiant xw460c and ProLiant xw2x220c Workstation Blades.

Table 3-9 Managed systems supported by Red Hat operating systems in Insight software components

Operating system	HP SIM	RDP	PMP	VPM	IPM	VMM	SMP	VSE	IO	HP IR
Oracle Enterprise Linux 5.3 x86	✓				✓					
Oracle Enterprise Linux 5.3 for AMD64 and Intel x86-64	✓				✓					
Oracle Enterprise Linux 5.2 x86	✓				✓					
Oracle Enterprise Linux 5.2 for AMD64 and Intel x86-64	✓				✓					
Red Hat Enterprise Linux AS/ES 3.9 for x86	✓			✓	✓			✓ ¹		
Red Hat Enterprise Linux AS/ES 3.9 for AMD64 and Intel x86-64	✓			✓	✓			✓ ¹		
Red Hat Enterprise Linux AS/ES 3.9 for IPF	✓				✓					
Red Hat Enterprise Linux AS/ES 4 for x86 ²	✓		✓							
Red Hat Enterprise Linux AS/ES 4 for AMD64 and Intel x86-64	✓		✓							
Red Hat Enterprise Linux AS/ES 4.4 for x86	✓		✓							
Red Hat Enterprise Linux AS/ES 4.4 for AMD64 and Intel EM64T	✓		✓							
Red Hat Enterprise Linux AS/ES 4.5 for x86	✓			✓						
Red Hat Enterprise Linux AS/ES 4.5 for AMD64 and Intel x86-64	✓		✓							
Red Hat Enterprise Linux AS/ES 4.6 for x86	✓		✓	✓	✓			✓	✓	✓
Red Hat Enterprise Linux AS/ES 4.6 for AMD64 and Intel x86-64	✓		✓		✓			✓	✓	✓
Red Hat Enterprise Linux AS/ES 4.6 for Intel Itanium	✓				✓			✓		
Red Hat Enterprise Linux AS/ES 4.7 for x86	✓		✓	✓	✓			✓	✓	✓
Red Hat Enterprise Linux AS/ES 4.7 for AMD64 and Intel x86-64	✓							✓		
Red Hat Enterprise Linux AS/ES 4.7 for Intel Itanium	✓				✓			✓		
Red Hat Enterprise Linux 5 for x86	✓		✓							

Operating system	HP SIM	RDP	PMP	VPM	IPM	VMM	SMP	VSE	IO	HP IR
Red Hat Enterprise Linux 5 for AMD64 and Intel x86-64	✓		✓							
Red Hat Enterprise Linux 5.1 for Intel Itanium	✓				✓			✓		
Red Hat Enterprise Linux 5.1 for x86	✓		✓		✓			✓	✓	✓
Red Hat Enterprise Linux 5.1 for AMD64 and Intel x86-64	✓		✓		✓			✓	✓	✓
Red Hat Enterprise Linux 5.2 for x86	✓		✓		✓		✓	✓		
Red Hat Enterprise Linux 5.2 for AMD64 and Intel x86-64	✓		✓		✓			✓		
Red Hat Enterprise Linux 5.2 for Intel Itanium	✓	✓			✓			✓		
Red Hat Enterprise Linux 5.2 for x64		✓								
Red Hat Enterprise Linux 5.3 for x86	✓	✓	✓		✓			✓		
Red Hat Enterprise Linux 5.3 for AMD64 and Intel x86-64	✓	✓	✓		✓			✓		
Red Hat Enterprise Linux 5.3 for Intel Itanium	✓				✓			✓		
Red Hat 7.3 Workstation	✓				✓			✓ ¹		
Red Hat 8	✓				✓			✓ ¹		
Red Hat 9	✓				✓			✓ ¹		

1 The VSE Utilization Provider is not supported on these platforms.

2 You must have a valid subscription to the Red Hat Network for patch acquisitions. A valid Red Hat network license is required for each system patched. For more information, see <http://www.redhat.com>. The Red Hat library, compat-libstdc++, must exist on the Red Hat target systems.

Table 3-10 Managed systems supported by SUSE Linux operating systems in Insight software components

Operating system	HP SIM	RDP	PMP	VPM	IPM	VMM	SMP	VSE	IO	HP IR
SUSE Linux Enterprise Server 8	✓				✓			✓ ¹		
SUSE Linux Enterprise Server 8 for AMD64 and Intel x86-64	✓				✓					
SUSE Linux Enterprise Server 8 for IPF	✓				✓					
SUSE Linux Enterprise Server 9	✓		✓							
SUSE Linux Enterprise Server 9 SP3 for AMD64 and Intel x86-64	✓		✓		✓					
SUSE Linux Enterprise Server 9 SP4 for AMD64 and Intel x86-64	✓		✓		✓			✓		
SUSE Linux Enterprise Server 9 SP3 for x86	✓		✓		✓					
SUSE Linux Enterprise Server 9 SP4 for x86	✓		✓		✓			✓		
SUSE Linux Enterprise Server 9 SP3 for IPF	✓				✓					
SUSE Linux Enterprise Server 9 SP4 for IPF	✓				✓			✓		
SUSE Linux Enterprise Server 10 for x86	✓		✓							
SUSE Linux Enterprise Server 10 SP1 for x86	✓		✓		✓			✓		
SUSE Linux Enterprise Server 10 SP2 for x86	✓	✓	✓		✓			✓		
SUSE Linux Enterprise Server 10 for AMD64 and Intel x86-64	✓		✓							
SUSE Linux Enterprise Server 10 SP1 for AMD64 and Intel x86-64	✓		✓		✓			✓		
SUSE Linux Enterprise Server 10 SP2 for AMD64 and Intel x86-64	✓	✓			✓			✓		

Operating system	HP SIM	RDP	PMP	VPM	IPM	VMM	SMP	VSE	IO	HP IR
SUSE Linux Enterprise Server 10 SP1 for Intel Itanium	✓				✓			✓		
SUSE Linux Enterprise Server 10 SP2 for Intel Itanium	✓	✓			✓			✓		
SUSE Linux Enterprise Server 11 for x86	✓									
SUSE Linux Enterprise Server 11 for Intel Itanium	✓									
SUSE Linux Enterprise Server 11 for AMD64 and Intel x86-64	✓									

1 The VSE Utilization Provider is not supported on these platforms.

Table 3-11 Managed systems supported by Hypervisor Hosts in Insight software components

Operating system	HP SIM	RDP	PMP	VPM	IPM	VMM	SMP	VSE	IO	HP IR
Virtual Server 2005 R2	✓		✓				✓			
Virtual Server 2005 R2, SP1	✓		✓		✓	✓	✓	✓		
Microsoft Hyper-V	✓		✓		✓	✓	✓	✓	✓	
VMware ESX 2.5.3										
VMware ESX 2.5.3 Update 1										
VMware ESX 2.5.4	✓		✓							
VMware ESX 2.5.5	✓		✓		✓	✓	✓			
VMware ESX 3.0							✓			
VMware ESX 3.0.1 ¹	✓		✓		✓			✓		
VMware ESX 3.0.2	✓		✓		✓		✓	✓	✓	
VMware ESX 3.0.3	✓	✓	✓			✓	✓	✓		
VMware ESX 3i	✓		✓		✓	✓	✓	✓	✓	
VMware ESX 3i Update 1	✓		✓			✓	✓			
VMware ESX 3i Update 2	✓		✓		✓	✓	✓	✓	✓	
VMware ESX 3i Update 3	✓		✓			✓	✓			
VMware ESX 3i Update 4	✓						✓			
VMware ESX 3.5			✓		✓	✓	✓		✓	
VMware ESX 3.5 Update 1	✓		✓		✓	✓	✓	✓	✓	
VMware ESX 3.5 Update 2	✓		✓		✓	✓	✓	✓	✓	
VMware ESX 3.5 Update 3	✓	✓	✓			✓	✓			
VMware ESX 3.5 Update 4	✓						✓			
VMware GSX Server	✓				✓					
VMware GSX Server 3.2	✓				✓					
VMware GSX Server 3.2.1	✓				✓					
Citrix Xen Server Enterprise	✓				✓	✓	✓			

1 ID – VSE logical server management operations are not supported on ESX 3.0.1.

Table 3-12 Managed systems supported by VM Guests in Insight software components

Operating system	HP SIM	RDP	PMP	VPM	IPM	VMM	SMP	VSE	IO	HP IR
Virtual Server 2005 R2			✓			✓	✓			
Virtual Server 2005 R2, SP1 ¹	✓		✓			✓	✓	✓		
Microsoft Hyper-V	✓		✓			✓	✓	✓	✓	

Operating system	HP SIM	RDP	PMP	VPM	IPM	VMM	SMP	VSE	IO	HP IR
VMware ESX 2.5.3						✓				
VMware ESX 2.5.3 Update 1						✓	✓			
VMware ESX 2.5.4						✓	✓			
VMware ESX 2.5.5	✓		✓			✓	✓			
VMware ESX 3.0						✓	✓			
VMware ESX 3.0.1 ¹	✓		✓					✓		
VMware ESX 3.0.2	✓		✓				✓	✓		✓
VMware ESX 3.0.3	✓		✓			✓		✓		
VMware ESX 3i			✓			✓		✓		
VMware ESX 3i Update 1	✓		✓			✓				
VMware ESX 3i Update 2	✓		✓			✓		✓	✓	
VMware ESX 3i Update 3	✓		✓			✓				
VMware ESX 3i Update 4	✓									
VMware ESX 3.5			✓			✓				
VMware ESX 3.5 Update 1	✓		✓			✓		✓	✓	✓
VMware ESX 3.5 Update 2	✓		✓			✓		✓	✓	✓
VMware ESX 3.5 Update 3						✓				
VMware ESX 3.5 Update 4	✓									
Integrity VM guest running a supported Integrity Windows (Itanium) operating system	✓							✓		
Integrity VM guest running a supported Integrity Linux (Itanium) operating system	✓							✓		
Integrity VM guest running a supported HP-UX operating system	✓							✓		
Citrix Xen Server Enterprise	✓					✓				

¹ ID – VSE logical server management operations are not supported on ESX 3.0.1.

Table 3-13 Managed systems supported by HP-UX and HP NonStop Kernel operating systems in Insight software components

Operating system	HP SIM	RDP	PMP	VPM	IPM	VMM	SMP	VSE	IO	HP IR
HP UX 11.0										
HP-UX 11i	✓				✓			✓		
HP-UX 11i v2 (11.23 IA only)	✓				✓					
HP-UX 11i v2 Update 2 (11.23 IA/PA)	✓				✓			✓		
HP-UX 11i v3	✓				✓			✓		
HP Tru64 UNIX®	✓				✓					
HP NonStop Kernel	✓				✓					
OpenVMS	✓				✓					
OpenVMS v8.3-1H1	✓				✓			✓		

Table 3-14 Managed systems supported by IBM operating systems in Insight software components

Operating system	HP SIM	RDP	PMP	VPM	IPM	VMM	SMP	VSE	IO	HP IR
AIX	✓									

Table 3-15 Managed systems supported by Solaris operating systems in Insight software components

Operating system	HP SIM	RDP	PMP	VPM	IPM	VMM	SMP	VSE	IO	HP IR
Solaris 8 Intel Platform	✓									
Solaris 9 Sparc	✓									
Solaris 9 Intel Platform	✓									
Solaris 10 Sparc	✓									
Solaris 10 Intel Platform	✓									

Table 3-16 Managed systems supported by Novell operating systems in Insight software components

Operating system	HP SIM	RDP	PMP	VPM	IPM	VMM	SMP	VSE	IO	HP IR
Netware 6.0	✓									
Netware 6.5	✓									

4 Technical support

HP Software Technical Support and Update Service

HP offers a number of software support services, many of which are provided to our customers at no additional charge.

- **Software Technical Support and Update Service**—Insight software suites and select HP Insight software products include one year of 24 x 7 HP Software Technical Support and Update Service. This service provides access to HP technical resources for assistance in resolving software implementation or operations problems. The service also provides access to software updates and reference manuals either in electronic form or on physical media as they are made available from HP. With this service, Insight software customers benefit from expedited problem resolution as well as proactive notification and delivery of software updates. For more information about this service, see <http://www.hp.com/services/insight>.

Registration for Software Technical Support and Update Service:

If you received a license entitlement certificate, automated registration for this service takes place upon online redemption of the license certificate/key.

How to Use Your Software Technical Support and Update Service:

Once registered, you will receive a service contract in the mail containing the Customer Service phone number and your Service Agreement Identifier (SAID). You will need your SAID when calling for technical support. Using your SAID, you can also go to the Software Update Manager (SUM) web page at <http://www.itrc.hp.com/service/sum/home.do> to view your contract online and elect electronic delivery for product updates.

- **Warranty**—HP will replace defective delivery media for a period of 90 days from the date of purchase. This warranty applies to all HP Insight software HP Systems Insight Manager products.
- **Join the discussion**—The HP Support Forum is a community-based, user-supported tool for HP customers to participate in discussions amongst the customer community about HP products. For discussions related to Insight software, see the “Management Software and System Tools” area.
- **Software and Drivers download pages**—These pages provide the latest software and drivers for your ProLiant products.
- **Management Security** (<http://www.hp.com/servers/manage/security>)—HP is proactive in its approach to the quality and security of all its management software. Be sure to check this website often for the latest downloadable security updates.
- **Obtain the latest SmartStart Release** (<http://www.hp.com/servers/smartstart>)—The SmartStart, Management, and Firmware CDs are now freely available for download following a simple registration from the SmartStart website. If you wish to receive physical kits with each release, you can order single release kits from the SmartStart website. To receive proactive notification when SmartStart releases are available, subscribe to Subscriber’s Choice at <http://www.hp.com/go/subscriberschoice>.

HP Worldwide Customer Service contact numbers are available at <http://www.hp.com/country/us/en/wwcontact.html>. For U.S. customers, say “Insight Manager” when prompted for the product name.

HP Installation and Startup Service for BladeSystem Integrated Manager infrastructure

For initial installation and setup, HP offers HP Installation and Startup Service for BladeSystem Integrated Manager infrastructure. This service provides the installation and configuration of an BladeSystem Integrated Manager implementation, including installation of the BladeSystem Integrated Manager enclosure and server hardware, software deployment, and manageability enablement.

This service meets the needs of most BladeSystem Integrated Manager customers, and requires two days for completion. For more advanced requirements, customized installation is available.

For more information about this service, see ftp://ftp.hp.com/pub/services/servers/info/hp_bladesystem_install_startup_datasheet.pdf.

HP also offers HP Insight Essentials Installation and Startup Services. For more information, see <http://h20219.www2.hp.com/services/cache/43768-0-0-225-121.aspx>.



NOTE: Installation and Startup Services are required for HP Insight Dynamics – VSE by HP Services or an authorized business partner.

HP contact information

For the name of the nearest HP authorized reseller:

- In the United States, see the HP U.S. service locator at http://www.hp.com/service_locator.
- In other locations, see Contact HP Worldwide at <http://welcome.hp.com/country/us/en/wwcontact.html>.

For HP technical support:

- In the United States, for contact options see Contact HP United States at http://welcome.hp.com/country/us/en/contact_us.html. To contact HP by phone, call 1-800-HP-INVENT (1-800-474-6836). This service is available 24 hours a day, 7 days a week. For continuous quality improvement, calls may be recorded or monitored. When prompted, say "Insight Manager."
- In other locations, see Contact HP Worldwide at <http://welcome.hp.com/country/us/en/wwcontact.html>.