HP Insight Management 7.2
Quick Installation Guide

Abstract

This guide provides a high-level map of installation steps for experienced users who are installing or using Insight Management Components. This guide provides an overview of the installation procedures and requirements described in detail in the *HP Insight Management Installation and Configuration Guide*. For more information, see the *HP Insight Management Installation and Configuration Guide* on the HP Insight Management DVD #1 or at http://www.hp.com/go/insightmanagement/docs.

This guide assumes that you have read the *HP Insight Management Preinstallation Worksheet* and have access to the *HP Insight Management Getting Started Guide* and *Insight Management Support Matrix*.

This document is intended for anyone who is responsible for installing and configuring HP Insight Management.

This guide covers only the basic installation type and does not describe how to complete optional tasks, configuration management, and other in-depth procedures.

Contents

1 Installing HP Insight Management

How to use this guide

This condensed version of the *HP Insight Management Installation and Configuration Guide* provides abbreviated instructions for anyone who has previous experience installing or upgrading Insight Management software and its associated components and does not require detailed instructions at every step.

If you need more information at any time during the installation:

* See the *HP Insight Management Installation and Configuration Guide* at:

  http://www.hp.com/go/insightmanagement/docs

* Click the help icon that is available on every installation screen.

Obtain media and read documentation

Task	Required or Optional	Completed?
1. Have the Insight Management 7.2 distribution media available.	Required	
2. Read the *HP Insight Management Getting Started Guide* to determine which HP Insight Management products you want to install or upgrade.	Required	
3. Review the *HP Insight Management Support Matrix* to ensure software and hardware compatibility with Insight Management 7.2.	Required	
4. Read the *HP Insight Management Installation and Upgrade Release Notes* for late-breaking information that might affect a successful installation.	Required	
5. Gather the data that is shown in the *HP Insight Management Preinstallation Worksheet*.	Required	

Preliminary tasks

Task	Required or Optional	Completed?
1. Back up the Central Management Server(CMS). Although this step is optional, HP recommends that you perform it.	Optional	
2. Upgrade HP Operations Orchestration (OO) from HP Insight Management DVD #2. For more information about upgrading Operations Orchestration, see the *HP Insight Management Installation and Configuration Guide*. **NOTE:** Upgrade HP Operations Orchestration only when upgrading Insight Management to 7.2 version. **IMPORTANT:** Blocks the upgrade of Insight Management if existing Operations Orchestration version is less than 9.00.	Required	

Start the installation

Task	Required or Optional	Completed?
1. Sign in to the Central Management Server (CMS) with administrator privileges. Insert the HP Insight Management DVD #1 into the CMS DVD drive or mount the ISO image. Read and accept the end user license agreement.	Required	
2. Click **Run Insight Management Advisor** to analyze the existing software and hardware environment.	Required	
3. Run the HP Insight Management Advisor and resolve any issues that it discovers.	Required	

Select the software to install or upgrade

Task	Required or Optional	Completed?
1. Click **Run Integrated Installer** to start the software selection process.	Required	
2. Click the check box next to the software product or suite that you want to install. Use the + sign to view the software components that are contained under each category. **NOTE:** Click **Customize** to selectively customize the software components to be installed. Upgrade items are selected by default and are not optional.	Required	
3. Specify the location of DVD #2 if you selected software that is distributed on DVD #2.	Optional	
4. Verify that your CMS meets the prerequisites that are presented to you on the screen. These requirements are based on the software that you selected to install or that were automatically selected for upgrade.	Required	
5. Run the Insight Management Advisor again to determine if your system has any requirement issues and resolve the issues that it discovers.	Required	

Respond to installation questions

Task	Required or Optional	Completed?
1. Specify an installation directory.	Required[1]	
2. Provide server deployment configuration information.	Required[2]	
3. Enter existing user account credentials for the CMS.	Required	
4. Configure a local or remote database.	Required [2]	
5. Set automatic sign-in credentials.	Optional[3]	
6. Set proxy information for Internet access.	Optional	
7. Set product title and subtitle	Optional	
8. Enter Windows Management Instrumentation (WMI) Mapper port settings to allow WMI data collections, discovery, and identification.	Optional	
9. Identify and load operating system images to deploy to managed systems.	Optional	
10. Specify the license keys for the operating system images that you identified and loaded.	Optional	
11. Select the sub-range addresses for HP Virtual Connect Enterprise Manager.	Optional	
12. Provide Matrix Operating Environment configuration information • HP Matrix Operating Environment configuration management, capacity planning, and Workload management configuration • HP Matrix infrastructure orchestration configuration • HP Matrix infrastructure orchestration deployment server configuration.	Optional	
13. Configure automatic downloads of HP software updates.	Optional	
14. Verify your installation and configuration settings and then click **Install**.	Required	
15. Resolve any installation errors.	Required	
16. Run Insight Management Advisor and resolve any issues that it discovers.	Required	

[1] For upgrades, you must use the same installation directory that was used in the previous installation.

[2] For upgrade, you must only provide the password as part of the configuration information. All other information provided during previous installation is retained by the system.

[3] Enable automatic sign-in is not checked. Manual login is required after the reboot for the rest of the installation to complete.

2 Finishing the HP Insight Management installation

The configuration procedures in this chapter assume that you are connected to the Central Management Server (CMS) through a web browser as a user with administrator privileges.

Discover managed hardware components

Task	Required or Optional	Completed?
1. Run **Options→Discovery...** to define one or more discovery tasks for hardware components that use the same credentials. For more information, see the *HP Insight Management Installation and Configuration Guide* at the following website: http://www.hp.com/go/insightmanagement/docs .	Required	
2. Run the defined discovery tasks in the proper order via **Options→Discovery...**. As you run each task, verify that the expected hardware components have been discovered, properly associated, and address any errors in the discovery results. a. *Central Management Server (CMS))* — Discovers the HP Systems Insight Manager CMS and its management processor (if the CMS has a management processor). b. *Onboard Administrator* — Discovers the onboard administrators for every enclosure to be managed. When specifying credentials for this task, you must also include the management processor (remote management) credentials for every blade in the enclosures that are associated with the Onboard Administrator. c. *Management Processors* — Discovers all management processors that are not discovered in the previous tasks, including remote management and management processors for all non-blade systems. d. *Physical Servers* — Discovers physical servers, such as blades. You must run onboard adminstrator and management processor discovery tasks for these servers before running this one. e. *Virtual Machines* — Discovers virtual machines that are associated with servers that are discovered in the previous category. 3. Run HPSIM discovery for vCenter servers for ESX VMs deployment, SCVMM servers for Hyper-V VMs deployment (where Hyper-V server is under SCVMM management), and Ignite servers in case of HP-UX deployment. For HPIO virtual deployment, it is necessary to discover the Hypervisor (ESX and Hyper-V).	Required	

Set up managed systems

Task	Required or Optional	Completed?
1. Run the Insight Managed System Setup wizard (**Configure→Managed System Setup Wizard...**) to install agents, apply licenses, and configure options that are specific to the management capabilities that are intended for use on the managed system, including Secure Shell (SSH), single sign-on, and licensing. **NOTE:** Configure the vCenter server and then run Managed System Setup Wizard. If vCenter is not configured before registering ESX hosts on VMM, the registration fails.	Required	

Configure CMS settings

Task	Required or Optional	Completed?
1. Add authorized users to HP Systems Insight Manager. By default HP IO installation configures access for Administrator on HP SIM. You can add users to HP IO groups under Windows User and Groups Manager page, and then set the users authorization on HP SIM "Users and Authorizations" page.	Optional	
2. Configure alerts through email settings on the CMS.	Optional	
3. Set up automatic event handling on the CMS.	Optional	
4. Install or upgrade the HP Insight Remote Support software by clicking the desktop icon for it.	Required if upgrading, optional for new installations	

3 Optional post-installation configuration

Configure VMware vCenter settings

Task	Required or Optional	Completed?
1. Configure Systems Insight Manager for connectivity with your VMware vCenter server(s) via **Options→VME Options→Add or Edit VME credentials...**	Required only if you are managing VMware ESX hosts and virtual machines	
2. Configure Systems Insight Manager for connectivity with your Microsoft System Center Virtual Machine Manager (SCVMM) server via **Options→VME Options→Add or Edit VME credentials...**	Required only if you are managing HyperV hosts and virtual machines using MS SCVMM (Requires if the VMs are provisioned using SCVMM templates)	

Configure individual software features

The tasks listed in this section are relevant depending on whether you have installed or are using the software.

Task	Required or Optional	Completed?
1. Set up a virtual connect domain group.	Required, if you want to perform virtual connect-based operations	
2. Configure virtual machine management to manage virtual machine hosts behind a firewall.	Required, if you are managing virtual machine hosts behind a firewall	
3. Configure domain accounts for HP Insight Control server deployment using the HP Insight Control server deployment Console tool on the desktop.	Required, if you identified and downloaded operating system images to deploy during the installation	
4. Install and configure Service Pack for ProLiant for HP Insight Control server deployment, following the instructions in http://h18013.www1.hp.com/products/servers/management/rdp/knowledgebase/20000042.html.	Required, if you identified and downloaded operating system images to deploy during the installation	
5. Manually copy distribution files if you plan to use Insight Control server deployment to deploy operating systems to managed systems.	Required, if Windows, ESX, or Linux distribution files were not copied during installation.	
6. Configure IO features (administrator group, users, server deployment, networks, server, and capacity pools).	Required	
7. Upgrade and configure Operations Orchestration.	Required, if you did not upgrade Operations Orchestration prior to installing Insight Management	
8. Upgrade the recovery site.	Required only for upgrade installations with HP Matrix Operating Environment recovery management installed	
9. Migrate operating system, applications, or data from one server to another.	Optional	
10. Configure Microsoft IIS on Windows Server 2008 R2 and Winows Server 2012 deployment servers.	Required, if deployment server is running Windows Server 2008 R2 or Windows Server 2012 and deploying Linux and ESX systems	
11. Configure the FTP site.	Optional (Required if deployment server is running Windows Server 2008 R2 or Windows server 2012 and deploying Linux and ESX systems). If the deployment server is running Microsoft Server 2008 R2 or Windows server 2012, there are specific IIS and FTP configuration settings that enable Linux and ESX deployments. For more information about IIS and FTP settings for Server 2008 R2 or Windows server 2012, see *HP Insight Management Installation and Configuration Guide*.	

4 Support and other resources

Information to collect before contacting HP

Be sure to have the following information available before you contact HP:

- Software product name
- Hardware product model number
- Operating system type and version
- Applicable error message
- Third-party hardware or software
- Technical support registration number – SAID (Service Agreement Identifier)

How to contact HP

Use the following methods to contact HP technical support:

- In the United States, see the Customer Service / Contact HP United States website for contact options:

  http://welcome.hp.com/country/us/en/contact_us.html

- In the United States, call 1-800-HP-INVENT (1-800-474-6836) to contact HP by telephone. This service is available 24 hours a day, 7 days a week. For continuous quality improvement, conversations might be recorded or monitored.

- In other locations, see the Contact HP Worldwide website for contact options:

  http://welcome.hp.com/country/us/en/wwcontact.html

Security bulletin and alert policy for non-HP owned software components

Open source software (such as OpenSSL) or third-party software (such as Java) are sometimes included in HP products. HP discloses that the non-HP owned software components listed in the Insight Management end user license agreement (EULA) are included with Insight Management. The EULA is included with the Insight Management Installer on Insight Management DVD #1.

HP addresses security bulletins for the software components listed in the EULA with the same level of support afforded HP products. HP is committed to reducing security defects and helping you mitigate the risks associated with security defects when they do occur.

When a security defect is found, HP has a well defined process that culminates with the publication of a security bulletin. The security bulletin provides you with a high level description of the problem and explains how to mitigate the security defect.

Subscription service

HP recommends that you register your product at the Subscriber's Choice for Business website:

http://www.hp.com/country/us/en/contact_us.html

After registering, you will receive e-mail notification of product enhancements, new driver versions, firmware updates, and other product resources.

Registering for software technical support and update service

Insight Management includes 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 in electronic form as they are made available from HP.

With this service, Insight Management customers benefit from expedited problem resolution as well as proactive notification and delivery of software updates. For more information about this service, see the following website:

http://www.hp.com/services/insight

Registration for this service takes place following online redemption of the license certificate.

How to use your software technical support and update service

As HP releases updates to software, the latest versions of the software and documentation are made available to you. The Software Updates and Licensing portal gives you access to software, documentation, and license updates for products on your HP software support agreement.

You can access this portal from the HP Support Center:

http://www.hp.com/go/hpsc

After creating your profile and linking your support agreements to your profile, see the Software Updates and Licensing portal at http://www.hp.com/go/hpsoftwareupdatesupport to obtain software, documentation, and license updates.

HP authorized resellers

For the name of the nearest HP authorized reseller, see the following sources:

- In the United States, see the HP U.S. service locator website:

  http://www.hp.com/service_locator

- In other locations, see the Contact HP worldwide website:

  http://www.hp.com/go/assistance

New and changed information in this edition

The following sections describe changes that have been introduced to the Insight Management Advisor and the Insight Management installation and upgrade process since the last release.

HP Insight Management Advisor

HP Insight Management Advisor for the 7.2 release includes product enhancements. The following is a list of changes applicable for the HP Insight Management 7.2 release:

- Supports the following two new operating systems:
  - Windows Server 2012 Standard
  - Windows Server 2012 Datacenter

- Support for an enhanced security configuration test for the Internet Explorer is added

- Support for Windows Server 2003 R2 SP2 Standard x86 is now added only for the HP Systems Insight Manager suite and HP Insight Control Power Management component.

- Support for Internet Explorer 10

- Support for Adobe Flash Player 11

- Support for SQL Server 2012

- Removal of OO RSScheduler service state test

HP Insight Management Installer

HP Insight Management Installer for the 7.2 release includes product enhancements. The following is a list of changes that are applicable for the HP Insight Management 7.2 release.

- Supports a direct upgrade to Insight Management version 7.2 only from 6.2 or later.
- Supports the following two new operating systems:
  - Windows Server 2012 Standard and Windows server 2012 Datacenter.
  - The Insight Management DVD is bundled with SQL Server Express 2008 R2 SP2 edition instead of the SQL server Express 2008 R2 SP1 edition.
- Windows Server 2003 R2 SP2 Standard x86 OS now supports only the installation of HP Systems Insight Manager suite and HP Insight Control Power Management.
- The following components are not selected by default in the HP Insight Management Installer in cluster environment:
  - HP Insight Control server deployment

    NOTE: HP Insight Control server deployment is not selected by default in the installer even in a non-cluster environment.

  - HP Insight Control server deployment SIM Integration module
  - HP Insight Remote Support Advanced software
  - HP Insight Control server deployment Quiesce SIM Plug-in
- HP Insight Control includes the rights for HP Insight Control server provisioning, which is a new feature replacing HP Insight Control server deployment. You can download it from the link available in the HP Insight Management installer screens.
- HP Insight Management installer has introduced a new screen which enables you to customize the default product title displayed on the login screen of HP Systems Insight Manager.

Related information

Documents

- HP Insight Control documentation:
  http://www.hp.com/go/insightcontrol/docs
- Systems Insight Manager documentation:
  http://www.hp.com/go/insightmanagement/sim/docs
- HP Matrix Operating Environment documentation:
  http://www.hp.com/go/matrixoe/docs

Websites

- HP Insight Control:
  http://www.hp.com/go/insightcontrol
- Systems Insight Manager:
  http://www.hp.com/go/hpsim

Typographic conventions

This document uses the following typographical conventions:

Table 1 Typographic conventions

Book title	The title of a book. On the web, this can be a hyperlink to the book itself.
`Command`	A command name or command phrase, for example `ls -a`.
`Computer output`	Information displayed by the computer.
Ctrl+x or **Ctrl-x**	A key sequence that indicates you must hold down the keyboard key labeled **Ctrl** while you press the letter x.
`ENVIRONMENT VARIABLE`	The name of an environment variable, for example, `PATH`.
Key	The name of a keyboard key. **Return** and **Enter** both refer to the same key.
Term	A term or phrase that is defined in the body text of the document, not in a glossary.
User input	Indicates commands and text that you type exactly as shown.
Replaceable	The name of a placeholder that you replace with an actual value.
[ ]	In command syntax statements, these characters enclose optional content.
{ }	In command syntax statements, these characters enclose required content.
|	The character that separates items in a linear list of choices.
...	Indicates that the preceding element can be repeated one or more times.
WARNING	An alert that calls attention to important information that, if not understood or followed, results in personal injury.
CAUTION	An alert that calls attention to important information that, if not understood or followed, results in data loss, data corruption, or damage to hardware or software.
IMPORTANT	An alert that calls attention to essential information.
NOTE	An alert that contains additional or supplementary information.
TIP	An alert that provides helpful information.

5 Documentation feedback

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