

Migrating from Insight Manager 7 to HP SIM 4.2



Introduction.....	2
Why Migrate to HP Systems Insight Manager?	2
Overview.....	3
Features	3
Prerequisites.....	4
The Data Migration Process.....	5
The Fundamentals of Data Migration.....	5
HP Performance Management Pack Data Migration Tool	6
Applications involved in the migration process	7
The Data Migration Process.....	7
DMT files and directories	8
Two migration methods.....	9
Performing an In-Place Migration.....	10
Performing a Remote Migration.....	10
After Migration.....	11
Frequently Asked Questions.....	11
Appendix A – Differences between Insight Manager 7 and HP Systems Insight Manager	14
Queries vs. Lists	14
Migrating tasks.....	15
User Settings.....	15
Working with MIBs	16
For more information.....	17

Introduction

HP Systems Insight Manager combines the strengths of Insight Manager 7, HP Tootools, and HP Servicecontrol Manager to deliver a single tool for managing HP ProLiant, Integrity, and HP 9000 systems running Microsoft® Windows®, Linux, and HP-UX. The core HP Systems Insight Manager software delivers the essential capabilities required to manage all HP server platforms.

The initial release of HP Systems Insight Manager (Version 4.0) did not include the ability to migrate user-defined Insight Manager 7, Tootools, or Servicecontrol Manager data. HP Systems Insight Manager Version 4.1 and now Version 4.2 provide users with the ability to migrate user-defined data from their legacy management applications. Insight Manager 7 user-defined data includes user-customized system configuration data such as users, devices, queries, tasks, folders, and server settings.

This document gives details on how to use the HP Systems Insight Manager Data Migration Tool for Insight Manager 7 (DMT) to migrate Insight Manager 7 user-defined data to HP Systems Insight Manager.

Why Migrate to HP Systems Insight Manager?

HP Systems Insight Manager delivers all of the features of Insight Manager 7, plus a number of important enhancements. These enhancements fall into four primary categories:

- Industry-leading cross-platform management capabilities
- Robust integration with HP and off-the shelf management tools
- More granular security
- Improved set-up and ease of use

With HP Systems Insight Manager, HP is the first systems vendor to provide consistent management across its Windows, Linux, and Unix server platforms. By delivering consistent management across server platforms, HP Systems Insight Manager helps IT organizations consolidate the hardware management that has traditionally been conducted by separate Windows, Unix, and Linux management teams. This improves the efficiency of IT operations and allows scarce IT resources to focus on innovation instead of everyday server maintenance.

HP Systems Insight Manager not only helps IT organizations consolidate server management, it also helps bring together management of client systems, printers, storage arrays, and power products through integration with HP Client Manager Software, HP CommandView Array Managers, HP Web JetAdmin, and HP Rack and Power Manager. It also simplifies access to lifecycle management tools such as the ProLiant Essentials Performance Management Pack, Ignite-UX, Software Distributor UX, and the ProLiant Essentials Rapid Deployment Pack. In addition, simple XML-based tool definition files facilitate access to and control of custom scripts, operating system commands, and other off-the-shelf management applications from within HP Systems Insight Manager.

Need to restrict user access to specific systems or specific management functionality? Role-based security in HP Systems Insight Manager helps administrators efficiently delegate management tasks to the correct individuals without giving them access to sensitive features or servers outside their span of control.

Finally, HP Systems Insight Manager delivers important improvements in ease of use. Automated Event Handling helps systems administrators configure policy-based responses to events issued by selected systems. Initial ProLiant Support Pack and Secure Shell (SSH) Deployment tasks enable administrators to install agents and SSH infrastructure on groups of systems without ever entering the data center. And if you prefer to work from the command prompt, HP Systems Insight Manager provides an extensive command line interface (CLI) to complement the Web-based graphical user interface (GUI).



The following table lists HP Systems Insight Manager features that are new and improved for Insight Manager 7 users.

Features	Insight Manager 7 Comparison
Central management server	New - Linux, HP - UX
Cross-platform management	New - HP-UX
Auto-discovery	Improved
Secure remote management	Improved SSH
Role-based security	New
Distributed tasks	New
Inventory management	Improved snapshots
Fault management/notification	Improved
System software maintenance	Improved
Command line	New
Extensibility	New

Overview

Migrating data from Insight Manager 7 SP2.3 to HP Systems Insight Manager 4.2 is comprised of three main phases:

1. **Pre-installation:** Export user-defined data from Insight Manager 7 SP2.3
2. **Installation:** Install HP Systems Insight Manager 4.2 and associated products
3. **Post-installation:** Import user-defined data to HP Systems Insight Manager 4.2

The DMT helps to automate the process of exporting user-defined data from Insight Manager 7 SP2.3 and importing that data to HP Systems Insight Manager 4.2. After the DMT runs, some manual verification and steps must be performed to finalize the migration.

Features

The following lists DMT features:

- Captures Insight Manager 7 configuration in portable (XML) data format for *in-place* (SystemA to SystemA) and *Remote* (SystemA to SystemB) migration
- Streamlined user interface designed for ease of use
- Wizard-based UI provided to guide user through migration process
- Minimal user interaction required for in-place migration
- Transfers user-customized system configuration data including users, devices, queries, tasks, folders, and server settings

- Disable Insight Manager 7 capability incorporated into the tool (manual steps to re-enable Insight Manager 7 are described in this document)
- Stand-alone application that operates either independently of HP Systems Insight Manager install or as part of a seamless integration for in-place migration
- Performance Management Pack install and migration tools integrated into the process and invoked as needed

Prerequisites

The DMT only exports data from Insight Manager 7 Service Pack SP2.3 and import data to HP Systems Insight Manager 4.2. The DMT has no other prerequisites for data migration that must be met other than having a valid version of Insight Manager 7 (for data export) and HP Systems Insight Manager installed (for data import).

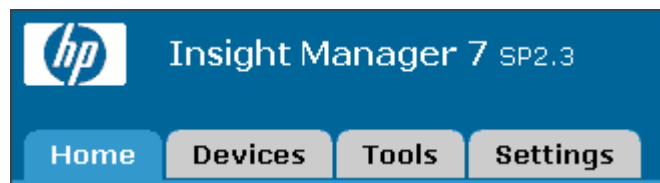
The following table lists versions of Insight Manager 7 and HP Systems Insight Manager and how DMT handles each condition:

Name	Description
Insight Manager 7 < SP2	Instructs you to upgrade to Insight Manager 7 SP2.3. Go to http://h18004.www1.hp.com/products/servers/management/im/downloads.html to download the latest full version
Insight Manager 7 SP2.0 – SP2.2	Prompts for in-place upgrade to Insight Manager 7 SP2.3
Insight Manager 7 SP2.3	Enables you to export user-defined data from Insight Manager 7
HP Systems Insight Manager 4.2	Enables you to import Insight Manager 7 SP2.3 user-defined data to HP Systems Insight Manager 4.2

Note: HP SIM supports upgrading from HP SIM 4.x.to HP SIM 5.x. The HP SIM User Guide provides the steps to upgrading and can be found at <http://h18013.www1.hp.com/products/servers/management/hpsim/infolibrary.html>

Note: To ensure the smoothest migration, complete the following prior to attempting migration:

- Make sure you have Insight Manager 7 SP2.3 installed by verifying the version on the Insight Manager 7 Home page:



You can download the latest version or update of Insight Manager 7 from the following location:

<http://h18004.www1.hp.com/products/servers/management/im/downloads.html>

Make sure that SQL server is running and that you can connect to the Insight Manager 7 system DSN.

- If you are not using ProLiant Essentials Performance Management Pack (PMP) licenses, uninstall PMP prior to starting migration. A new version of PMP with trial licenses is installed with HP Systems Insight Manager 4.2. Refer to the HP ProLiant Essentials Performance Management Pack Setup and Installation Guide for more details.

- Local (non-domain) users cannot be migrated to a Remote system. If your Insight Manager 7 system has local users, an in-place migration must be done or you must change all your Insight Manager 7 local users to domain users recognized by both your Insight Manager 7 system and your HP Systems Insight Manager system.

Note: The DMT creates data files for each of the exported data objects. Depending on the amount of Insight Manager 7 user-defined data, the disk space required could be very large. The DMT application requires 35 MB, but the data export files might require 1GB or more on your system drive.

The Data Migration Process

The Fundamentals of Data Migration

Migrating from Insight Manager 7 to HP Systems Insight Manager is not an upgrade in the traditional sense as has been provided for Insight Manager 7 in the past. You do not directly install HP Systems Insight Manager over Insight Manager 7. HP provides a migration from Insight Manager 7 to HP Systems Insight Manager through a configuration data migration tool - the DMT.

The DMT operates independently of the HP Systems Insight Manager installation, but the DMT is integrated into the overall installation experience.

The DMT migrates the following from Insight Manager 7:

- User accounts and privileges
- Devices and device protocol settings
- User created queries and folders
- User created tasks and notifications
- User created reports
- Server settings
- Server certificate (only for in-place migration)
- Device Type Manager rules

The DMT does not migrate:

- User enrolled MIBs (copied to HP Systems Insight Manager but must be recompiled)
- Single instance and historical data collection records
- Event records (events are archived to CSV format)

Some important facts about migration:

- Two migration scenarios are offered — in-place (local – SystemA to SystemA) migration and Remote (SystemA to SystemB) migration. In-place migration offers the most complete data migration including the server certificate. Remote migration offers similar functionality with several important caveats. Refer to the section titled “Two migration methods” for more details on these differences.
- Insight Manager 7 and HP Systems Insight Manager can coexist in the same network environment but both cannot coexist on the same server. The DMT offers to disable Insight Manager 7 as part of the migration process so that HP Systems Insight Manager can be installed on the same server as Insight Manager 7.
- The DMT only operates on user added or modified data items and MIBs. Since HP Systems Insight Manager provides some new defaults, the DMT ignores system created items in Insight Manager 7, specifically default tasks and queries.

- DMT enables you to export data any number of times. After the initial export, a warning is issued that previously exported data is overwritten. However, DMT enables you to import data only once.
- The DMT was designed to run with a new HP Systems Insight Manager 4.2 installation. While you are not prohibited from running the DMT with a server that has been running HP Systems Insight Manager 4.2 for some time, doing so might result in unpredictable results such as the duplication of users, tasks, tools, reports, lists, and so on, or the unexpected modification of other system settings.
- Due to differences between Insight Manager 7 and HP Systems Insight Manager, the HP Systems Insight Manager administrator is required to log into HP Systems Insight Manager after the migration to review all changes made and to complete the migration process. By default, the DMT disables many upgraded configuration items so that you can review and make changes. After migration, you must log into HP Systems Insight Manager to complete the migration process. You must verify all migrated user accounts and assign authorizations for each user. You must also manually enable all migrated tasks and automated event handling rules.
- If you are browsing into your newly installed HP Systems Insight Manager server from the same server on which Insight Manager 7 was installed, you should first uninstall the JRE 1.3.1 (if it exists) as it is not compatible with HP Systems Insight Manager 4.2. In general though, if you have more than one version of JRE installed, you can go to the **Control Panel**, double-click on **Java Plug-In**, and change the directory for JRE 1.4.1_04, under **Advanced** tab, to point to the latest JRE.
- The DMT takes a snapshot of the configuration information from Insight Manager 7 and loads this configuration data into HP Systems Insight Manager during the migration process. Because there is not a direct one-to-one mapping between some Insight Manager 7 and HP Systems Insight Manager functionality, not all Insight Manager 7 items are migrated to HP Systems Insight Manager.

HP Performance Management Pack Data Migration Tool

The HP Performance Management Pack Data Migration Tool (PMP DMT) is used to transfer information regarding server licenses and logs from PMP 2.1 to HP PMP 3.1. If PMP 2.1 is detected, the PMP DMT runs. If licensed servers are found, data is exported for later import. If no licensed servers are found, no data is exported, and the import process does not launch.

Although data migration is not required, HP recommends migrating your PMP 2.1 data. However, if you do not want to retain your PMP 2.1 data, uninstall PMP 2.1 and install PMP 3.1. Refer to the HP ProLiant Essentials Performance Management Pack Setup and Installation Guide for PMP 3.1 for installation requirements and procedures.

Important: PMP 3.1 provides free licenses for pre-ML/DL servers. Any licenses applied to these servers with previous version of PMP are freed-up for use on other servers after successful PMP DMT import.

Applications involved in the migration process

The following applications are delivered with the HP Systems Insight Manager 4.2 kit and are involved in the integrated installation or migration process:

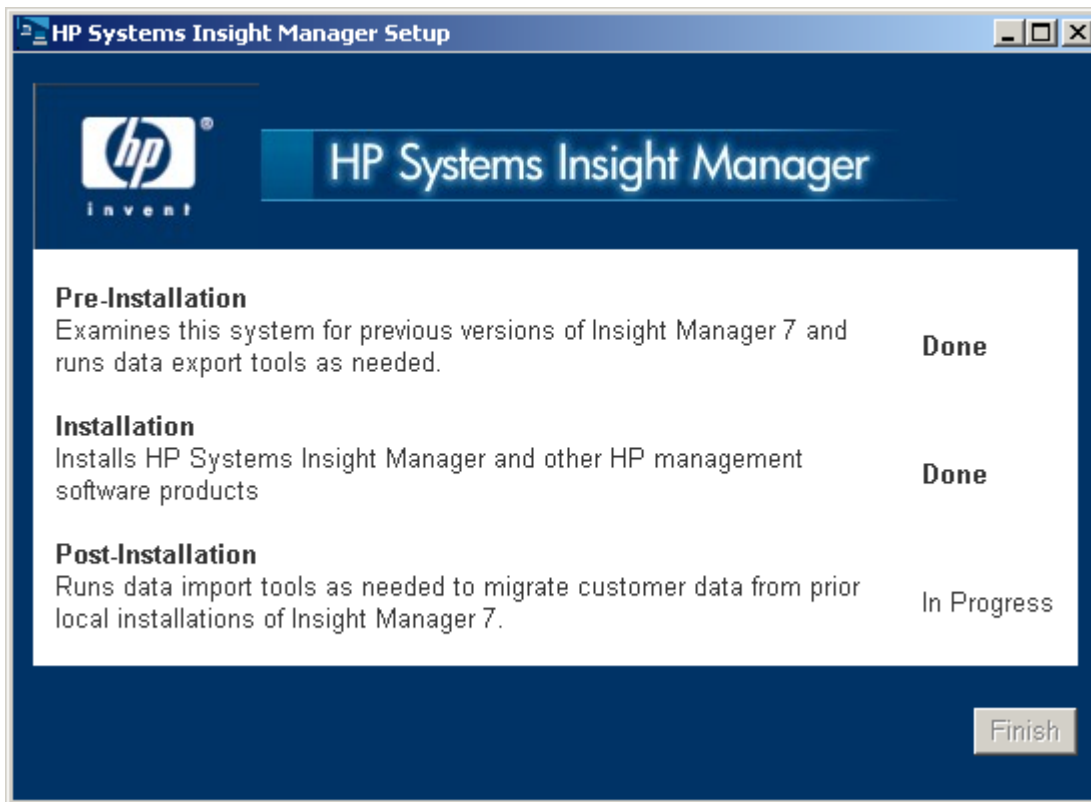
Application	Location	Function
setup.exe	hpsim\win_ia32	HP Systems Insight Manager executable to manage the launching and tracking of high level install components including the installation and migration tools. Setup.exe contains knowledge of the integrated solution. Any other applications must be run independently.
inshell.exe	hpsim\win_ia32	HP Systems Insight Manager installation shell offering typical HP Systems Insight Manager installations. Launches and tracks integrated install components including HP Systems Insight Manager, PMP, VCRM, and OpenSSH.
dmtshell.exe	Hpsimdmt	The HP Systems Insight Manager DMT for Insight Manager 7, offering data export from Insight Manager 7 SP2.3 and data import to HP Systems Insight Manager 4.2. Provides in-place upgrade of Insight Manager 7 SP2.0 or later up to SP2.3 and disables Insight Manager 7 in the in-place migration scenario.
pmpshell.exe	pmp	PMP data migration tool offering data export from PMP 2.1 and data import to PMP 3.1. Does not provide for in-place PMP upgrade to PMP 2.1 (an error is logged). Disables PMP 2.1 in case of in-place migration.

The Data Migration Process

The data migration process has three main steps:

1. Pre-installation: Export data from Insight Manager 7 (and from Performance Management Pack 2.1 if applicable) Data export extracts Insight Manager 7 configuration data to a collection of XML files that represent input to HP Systems Insight Manager CLI.
2. Installation: Installation of HP Systems Insight Manager (and any other desired components)
The installation step invokes the HP Systems Insight Manager installer to offer installation or upgrade of HP Systems Insight Manager 4.2 and related components.
3. Post-installation: Import data to HP Systems Insight Manager (and to HP Performance Management Pack 3.1 if applicable) Data import reads a set of configuration files into HP Systems Insight Manager using product CLIs.

The HP Systems Insight Manager setup.exe executable is launched to track high-level components including the installation and migration tools. Setup.exe contains knowledge of the integrated solution. Any other applications must be run independently. The following screenshot shows setup running the post-installation step:



DMT files and directories

The following is a description of the DMT directories and files.

DMT main directory:

`%programfiles%\HP\System Insight Manager Data Migration Tool`

DMT data export application:

`%programfiles%\HP\System Insight Manager Data Migration Tool\export`

DMT data import application:

`%programfiles%\HP\System Insight Manager Data Migration Tool\import`

Default exported DMT data location:

`%programfiles%\HP\System Insight Manager Data Migration Tool\user-defined-data`

DMT log location:

`%programfiles%\HP\System Insight Manager Data Migration Tool\user-defined-data\logs`

DMT data file:

`%programfiles%\HP\System Insight Manager Data Migration Tool\user-data.dmt`

Two migration methods

The DMT supports two general migration scenarios:

- In-place migration (disables Insight Manager 7 in the process)
Pre-installation, installation and post-installation steps are run in sequence.
- Remote migration (leaves Insight Manager 7 enabled)
Pre-installation, installation and post-installation steps must be run manually.

This section describes the differences between In-place and Remote migration.

In-place migration is used when you want to install HP Systems Insight Manager on the same server on which Insight Manager 7 is installed. After the data is exported, Insight Manager 7 must be disabled or the installation of HP Systems Insight Manager is unable to proceed, as these two applications cannot run simultaneously on the same server.

Note: Although disabled, the Insight Manager 7 application can be manually re-enabled (after HP Systems Insight Manager is uninstalled) and used again since the application files and database are left intact.

The In-place migration is integrated with the automatic installation process of HP Systems Insight Manager. To perform an In-place migration, run the HP Systems Insight Manager setup.exe executable. If your system meets all prerequisites for the DMT and the HP Systems Insight Manager installation as well, the pre-installation, installation and post-installation steps are run in sequence with minimal user interaction.

Remote migration enables you to keep your Insight Manager 7 application running on one server while also running an active HP Systems Insight Manager on a separate server. It is important to note that the two applications do not interact with one another. Any new data that is entered into the Insight Manager 7 database is not automatically transferred to the HP Systems Insight Manager database, and vice versa. The Remote migration method requires you to perform more manual operations.

In addition, Remote migration does not preserve the Insight Manager 7 server certificate. You are unable to log into HP Systems Insight Manager using Windows local accounts from the Insight Manager 7 system. If you want to preserve the Insight Manager 7 certificate or if you have configured Insight Manager 7 with Windows local accounts, select In-place migration.

Important notes on Remote migration:

- The Insight Manager 7 server certificate is not preserved. If you have trust relationships established between Insight Manager 7 and HP management devices, these trust relationships are broken. Refer to the section titled Server Certificates in the online help for HP Systems Insight Manager for information on manually importing and exporting certificates.
- Local Windows accounts used by Insight Manager 7 on system A are not accessible from system B. If you are using local Windows accounts with Insight Manager 7, you should not perform a Remote migration unless you have Windows domain accounts on the Insight Manager 7 system that is available for log in from the new HP Systems Insight Manager server. If you are strictly using Windows domain accounts, this is not an issue during Remote migration.
- To rollback to Insight Manager 7, you must first remove HP Systems Insight Manager. Refer to the Frequently Asked Questions section for more details.

Performing an In-Place Migration

In-place migration is the easiest method to use. The migration process is integrated with the HP Systems Insight Manager 4.2 installation, which guides you through the installation phases without program interruption. You must elect to disable Insight Manager 7 when prompted. The detailed steps for an In-place migration are documented in the HP Systems Insight Manager Installation and User Guide.

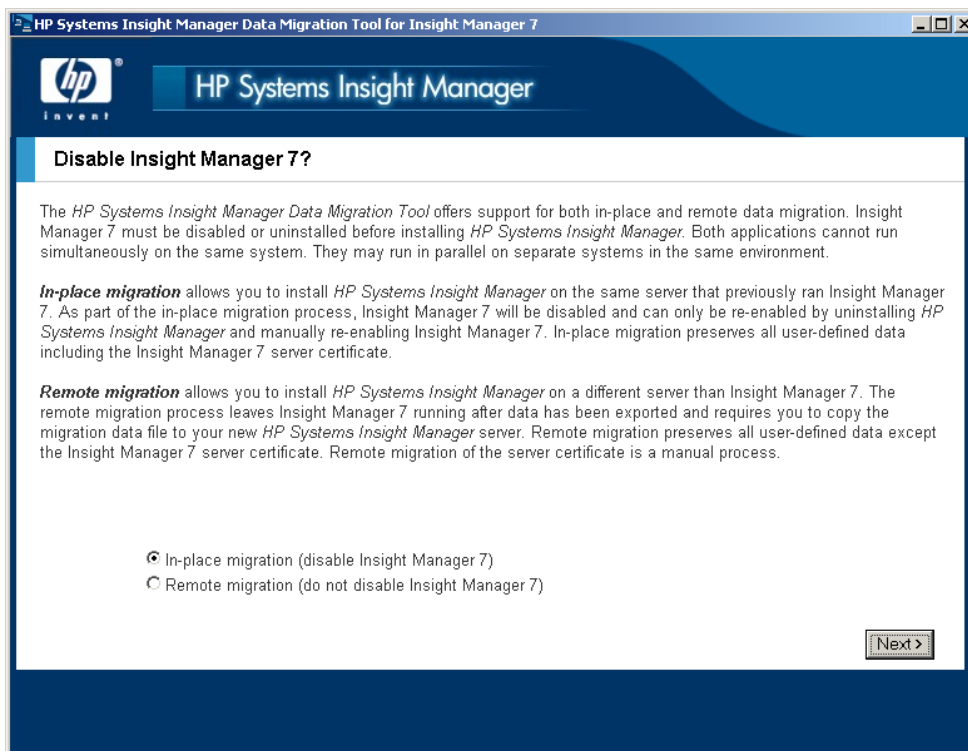
Sequence of the migration/installation process:

1. Run setup.exe on server running Insight Manager 7 SP2.3.
2. PMP DMT exports data and removes PMP 2.1
3. HP Systems Insight Manager DMT exports data and disables Insight Manager 7
4. HP Systems Insight Manager v4.2 installation/upgrade (including associated products)
5. HP Systems Insight Manager DMT imports data
6. PMP migration tool imports data

For In-place migrations, steps 1 through 6 are automated.

To perform an In-place migration, run the HP Systems Insight Manager setup.exe executable. If your system meets all prerequisites, the pre-installation, installation and post-installation steps are run in sequence. After the data is exported, select the option In-place migration (disable Insight Manager 7) to continue with In-place migration.

The following screen displays where to select In-place or Remote migration during the migration process:



Performing a Remote Migration

Remote migration is more involved as the migration process spans two different systems.

Note: The user-defined-data file (user-data.dmt) must be located on the local Systems Insight Manager system (SystemB) when running import. You are prompted to browse to the location of the file during the Remote

migration process. The detailed steps for a Remote migration are documented in the HP Systems Insight Manager Installation and User Guide.

Sequence of the migration and installation process:

1. Run setup.exe on system (SystemA) running Insight Manager 7 SP2.3
2. PMP migration tool exports data and removes PMP 2.1
3. HP Systems Insight Manager DMT exports data
4. Exit the HP Systems Insight Manager installation
5. Run setup.exe on a separate server (SystemB) to install HP Systems Insight Manager 4.2 associated products
6. Copy the user-defined-data file (user-data.dmt) from the system running Insight Manager 7 to the system running HP Systems Insight Manager v4.2
7. Copy the PMP DMT jar file (pmp.jar) from the system running Performance Management Pack 2.1 to the system running HP Performance Management Pack 3.1
8. Run dmtshell.exe to launch DMT on the HP Systems Insight Manager system and import data
9. Run pmpshell.exe to launch PMP DMT on the HP Systems Insight Manager system and import data

For Remote migrations, steps 1 through 3 are automated. Steps 4 through 9 are run manually when you are ready to import the data.

To start the data export process, run setup.exe on the server where Insight Manager 7 is installed. After the data is exported, select **Remote migration** (do not disable Insight Manager 7) to keep your Insight Manager 7 server active. The setup process informs you that HP Systems Insight Manager cannot be installed because you have a running version of Insight Manager 7. When you acknowledge this, the setup process terminates. To continue with the Remote migration, run setup.exe on another system (SystemB) where you install HP Systems Insight Manager. After the HP Systems Insight Manager installation is complete, copy your user-defined-data file (user-data.dmt) from the Insight Manager 7 system to the new HP Systems Insight Manager system (SystemB). Copy the PMP DMT data file (pmp.jar) from the system running PMP 2.1 to the system running HP PMP 3.1 (SystemB). Run dmtshell.exe to launch the DMT, specifying the location of the file user-data.dmt containing the exported Insight Manager 7 data. When DMT completes, run pmpshell.exe to launch the PMP DMT.

After Migration

After migration, if you performed an In-place migration, you should remove the JRE 1.3.1. For either migration scenario, you must log into HP Systems Insight Manager to complete the migration process. Verify all migrated user accounts and assign authorizations for each user. You must also manually enable all migrated tasks and automated event handling rules.

- Verify all migrated user accounts
- Assign authorizations for each user
- Enable all migrated tasks and automated event handling rules
- Recompile any migrated MIBs

Refer to the HP Systems Insight Manager Installation and User Guide for more information.

Frequently Asked Questions

- How do I re-enable Insight Manager 7?
To re-enable Insight Manager 7, do the following:

- Remove HP Systems Insight Manager with the Windows Control Panel Add/Remove Programs application.

- Modify the Windows registry by removing the following key:

HKEY_LOCAL_MACHINE\SOFTWARE\Compaq\Insight Manager XE\This version has been disabled

Modify the following value:

HKEY_LOCAL_MACHINE\SOFTWARE\Compaq\Insight Manager XE\CurrentVer

Change "CurrentVer"="4.20" to "CurrentVer"="3.2"

- Re-install the Insight Manager 7 service. From a command prompt, enter:

cd "%windir%\system32" InsightXeSvc.exe -install net start "Insight Manager 7"

- Why do I see the message Java Runtime Environment cannot be loaded from bin\hotspot\jvm.dll when I browse from the HP Systems Insight Manager system after In-place migration?

The Java 1.3.1 plug-in might not function properly if you browse from the HP Systems Insight Manager system after In-place migration. From the Windows Control Panel, start the Java 1.3.1 Plug-in. Select **Advanced**, and then change the setting from for the Use Java Plug-in Default to the 1.4.1 JRE directory. Go to <http://java.sun.com> for more information.

- Why does the following error occur?

Failed to open Insight Manager 7 service. Error= 997

When the DMT disables Insight Manager 7, it does not remove the product or any of the associated Start menu items. The DMT does disable the Insight Manager 7 service during In-place migration. The error occurs when you attempt to start the Insight Manager 7 application and the Insight Manager 7 service is not enabled.

- How do I remove Insight Manager 7?

You can remove Insight Manager 7 via the Control Panel > Add/Remove Programs application.

Note: Removing the Insight Manager 7 application does not remove the Insight Manager 7 database.

- How do I remove the Insight Manager 7 Database?

You can remove the Insight Manager 7 database using the SQL Enterprise Manager. Be sure that no other application is accessing the Insight Manager 7 database before attempting to remove it.

- How do I remove the DMT and associated data?

You can remove the DMT through the **Control Panel > Add/Remove Programs** application

Note: The full DMT product name (HP Systems Insight Manager Data Migration

Tool for Insight Manager 7) might be truncated in the Control Panel listing.

Although **the Control Panel > Add/Remove Programs** application removes most of the DMT components, you might need to manually remove some components of the DMT. Namely, the user-data.dmt file is only be removed when the user explicitly deletes it.

- Why do I see Process timed out or ***ERROR: Process timed out messages in the Import log or Export log?

If any phase of the export or import times out during operation, these messages appear in the appropriate log. You can increase the timeout of any step by editing the following files:

Export

```
%programfiles%\hp\System Insight Manager Data Migration
Tool\export\DB3xExport\res\DMTDefines_en_US.properties
```

Import

```
%programfiles%\hp\System Insight Manager Data Migration
Tool\import\DB3xImport\res\DMTDefines_en_US.properties
```



Increase the timeout by editing the value (in seconds) of the step that failed, then re-rerun the export or import by running dmtshell.exe.

- How do I re-create items that were not migrated correctly?

First, extract user-defined data from the file user-data.dmt. by executing the following commands from a command prompt:

```
cd %programfiles%\hp\System Insight Manager Data Migration Tool\user-defined-data
..\tar xvf ..\user-data.dmt
```

Executing these commands extracts all user-defined data files that were created during data export. To re-create any items that were not migrated correctly, find the command line in the IM7Import.log that corresponds to the failed command and type it from the command line. For example, the following shows that the e-mail notification task Email Notification2.xml timed out:

```
10:41:18 AM: Tasks: "C:\Program Files\HP\System Insight Manager\bin\mxtask" -cf
"C:\Program Files\HP\System Insight Manager Data Migration Tool\user-defined-
data\tasks\EMail Notification2.xml"
10:56:22 AM: Tasks: MxTask returned status = 1
10:56:24 AM: Tasks: Process timed out
10:56:24 AM: Tasks: ***ERROR: Process timed out
```

To attempt to re-create the e-mail notification task, type the following command line from a command prompt on the HP Systems Insight Manager server:

```
"C:\Program Files\HP\System Insight Manager\bin\mxtask" -cf "C:\Program Files\HP\System
Insight Manager Data Migration Tool\user-defined-data\tasks\EMail Notification2.xml"
```

Note: Attempting to re-create any item does not guarantee success. There are a variety of conditions that affect the ability to re-create any item.

- Why are modified or deleted system default queries, tasks and reports from Insight Manager 7 not migrated?
Modified or deleted system default queries, tasks and reports from Insight Manager 7 are not migrated. All users start with the default set of HP Systems Insight Manager lists, tasks, and reports. If default queries, tasks and reports have been deleted in Insight Manager 7, then they must be deleted again in HP Systems Insight Manager.
- Why are all my migrated tasks disabled?
The DMT disables all migrated tasks and Automatic Event Handling rules (paging, e-mail, trap forwarding) in HP Systems Insight Manager after migration. They must be manually re-enabled and scheduled before they can run.
- Why can I not see all of my devices after migration?
Migrating certain devices can cause the import to fail. In addition, the following affects your ability to import devices:
 - Cannot ping the device
 - DNS cannot resolve the device
 - IPaddress or DNS name has changed
 - The device has an IPXaddress only

Check the logs (IM7Export.log and IM7Import.log) for details.

- Why are my Insight Manager 7 Device by Operating System queries migrated to HP Systems Insight Manager incorrectly?
Device by Operating System queries migrated from Insight Manager 7 to HP Systems Insight Manager might not be properly added during migration. Specifically, queries that *exactly* match Operating System description strings might not be fully recreated. Verify all migrated lists with Operating System criteria in HP Systems Insight Manager to ensure that they are correctly matching what is expected. For example, a typical change is that an Insight Manager 7 query criteria matching a string such as *Windows 2000 Advanced Server* might map to *Windows 2000 Advanced Server (Service Pack 3)* and *Windows 2000 Advanced Server (Service Pack 4)* in HP Systems Insight Manager.
- Due to differences in discovery and identification algorithms between Insight Manager 7 and HP Systems Insight Manager, node names for some devices might be changed during the migration process. Queries by Device Name created in Insight Manager 7 and migrated to HP Systems Insight Manager might not function as expected due to these name changes. Make sure to manually verify all migrated queries, now called lists, to ensure that they return the correct device results. If necessary, edit any lists with Device by Name criteria to match the new device name.

Appendix A – Differences between Insight Manager 7 and HP Systems Insight Manager

Queries vs. Lists

Queries in Insight Manager 7 have been replaced with Lists in HP Systems Insight Manager. All the previous criteria remain. However, there is a new user interface for creating Lists, which are then exposed through the interface in a new way. Selecting **Customize** from the System Lists section allows you to re-create your existing queries as lists.

Migrating tasks

Tasks in Insight Manager 7 remain Tasks in HP Systems Insight Manager. However, the names of many of them have changed.

Name	Description
Insight Manager 7 task	HP System Insight Manager task
E-mail notification	Now a part of Automatic Event Handling—select Options > Events > Automatic Event Handling > New Task
Pager notification	Now a part of Automatic Event Handling—select Options > Events > Automatic Event Handling > New Task
Application launch	Now called Custom Commands—select Tools > Custom Commands > New Custom Command
Group configuration	Now called Replicate Agent Settings—select Configure > Replicate Agent Settings
Set/Remove disk thresholds	Same — select Configure > Disk Thresholds > Set Disk Thresholds or Configure > Disk Thresholds > Remove all Disk Thresholds Note: Version 7.1, or later, agents are required for this feature.
Update software and firmware	Replaced by Install Software and Firmware—select Deploy > Deploy Drivers, Firmware, and Agents > Install Software and Firmware
Delete events	Same—select Options > Events > Delete Events
Set device access community strings	Replaced by System Protocol Settings—select Options > Protocol Settings > System Protocol Settings
Status polling (all tasks)	Moved into Options > Status Polling > Hardware Status Polling or Options > Status Polling > Software Status Polling
Cluster identification	This task has been removed; this function is now a part of the overall discovery and identification feature

User Settings

The user names used in Insight Manager 7 can also be used in HP Systems Insight Manager. However, user accounts in HP Systems Insight Manager must also have a domain associated with them, whether it is the local system domain or a Windows domain. To re-create the same permissions, assign the users to the toolbox that corresponds to the settings in Insight Manager 7.

Name	Description
Insight Manager 7	HP Systems Insight Manager setting
Insight Manager 7 access	Refer to the Central Management Server Configuration Rights appropriately
Automatic device authentication	Copy the authorizations from the templates with the same name (administrator, operator, or user); the setting that controls this is the Tools > System Information > System Management Homepage <access level> option

Name	Description
Paging information	Same
Login IP address	Same

Working with MIBs

HP Systems Insight Manager has the ability to compile MIBs using an approach similar to the one used by Insight Manager 7. However, this is now accomplished using the command-line tools rather than through the Web-based user interface.

Refer to the white paper entitled [Compiling and Customizing SNMP MIBs with HP Systems Insight Manager](#) for information on how to compile MIBs into HP Systems Insight Manager.

For more information

HP Systems Insight Manager

Overview and features

http://h18013.www1.hp.com/products/servers/management/HP_Systems_Insight_Manager/index.html

HP Systems Insight Manager quick specs

http://h18013.www1.hp.com/products/servers/management/HP_Systems_Insight_Manager/quickspecs.html

© 2004-2006 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Itanium is a trademark or registered trademark of Intel Corporation in the U.S. and other countries and is used under license.

5982-6822ENUS, 05/2006

