

HP Insight Control Server Deployment 7.2 Update 1 Installation Guide

Abstract

This guide provides information about the HP Insight Control server deployment software installation and uninstallation procedures. This guide is intended for the person who installs, administers, and troubleshoots servers and storage systems.

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1 Overview

HP Insight Control server deployment is a server deployment solution that provides:

- Automated server hardware configuration and operating system deployment
- Consistent Windows, VMware, and Linux deployment on the latest HP servers
- Scalable deployment of ProLiant Server Blades
- Solution for deploying standard server configurations
- Deployment functionality for ProLiant DL and ML series servers

For more information, see the *HP Insight Management Support Matrix* at <http://www.hp.com/go/insightcontrol/docs>.

To know more about the Insight Control server deployment, see the Knowledge Base at <http://www.hp.com/go/insightdeploy/kb>. The Knowledge Base provides the following information:

- Release notes
- Troubleshooting
- How-to procedures
- Frequently asked questions

2 Prerequisites

Following are the prerequisites to install Insight Control server deployment 7.2.1 patch:

- Microsoft .NET Framework 4.0
- Microsoft WAIK 3.1
- HP Insight Control server deployment 7.2.0 base version (preinstalled)

Following is the prerequisite to install Insight Control Server Provisioning Migration Utility 7.2.1:

- JRE 1.6 or later

NOTE: For more information about the hardware, software, and operating system requirements, see the *HP Insight Management Support Matrix*.

3 Installing Insight Control server deployment

Installation procedure

To install the Insight Control server deployment first, use one of the following methods to access the Rapid Deployment Pack autorun utility:

- Insert the DVD into the DVD drive.
- Extract the ISO image.
- Mount the ISO image.

Perform the following steps to install Insight Control server deployment:

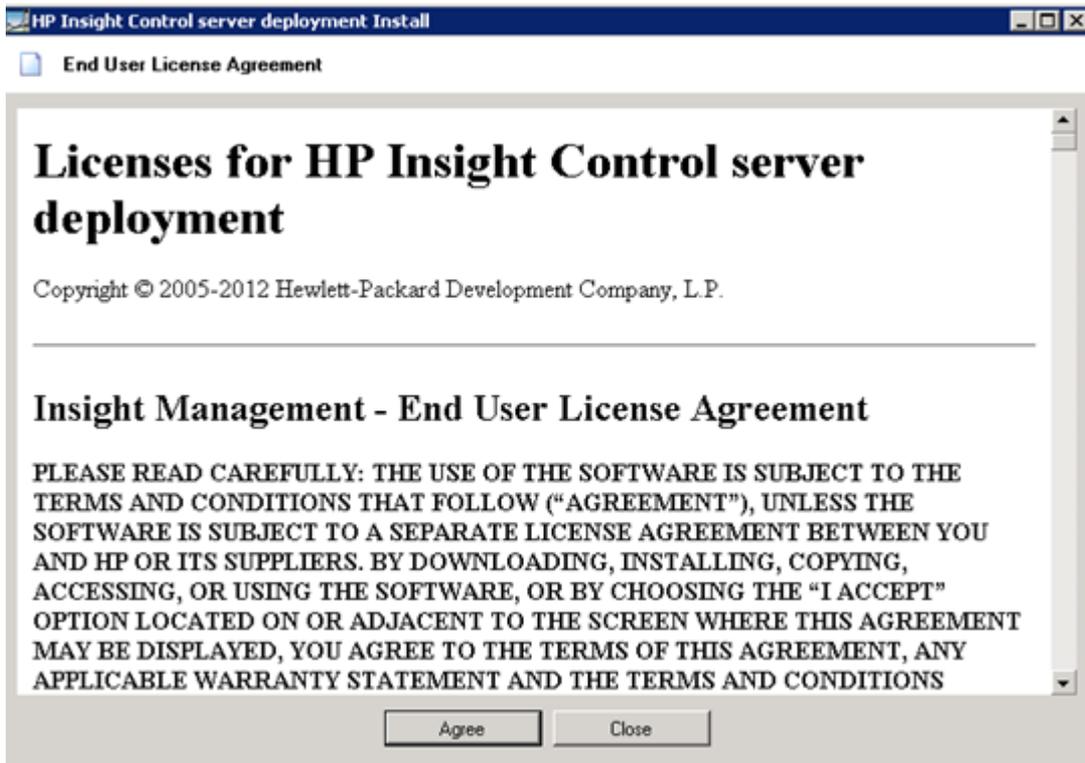
1. Double click ICdep1-7.2.1.x.exe. The **HP Install Package** screen appears.

Figure 1 HP Install Package screen



2. Click **Install**. The **End User Licence Agreement** (EULA) screen appears.

Figure 2 End User License Agreement screen



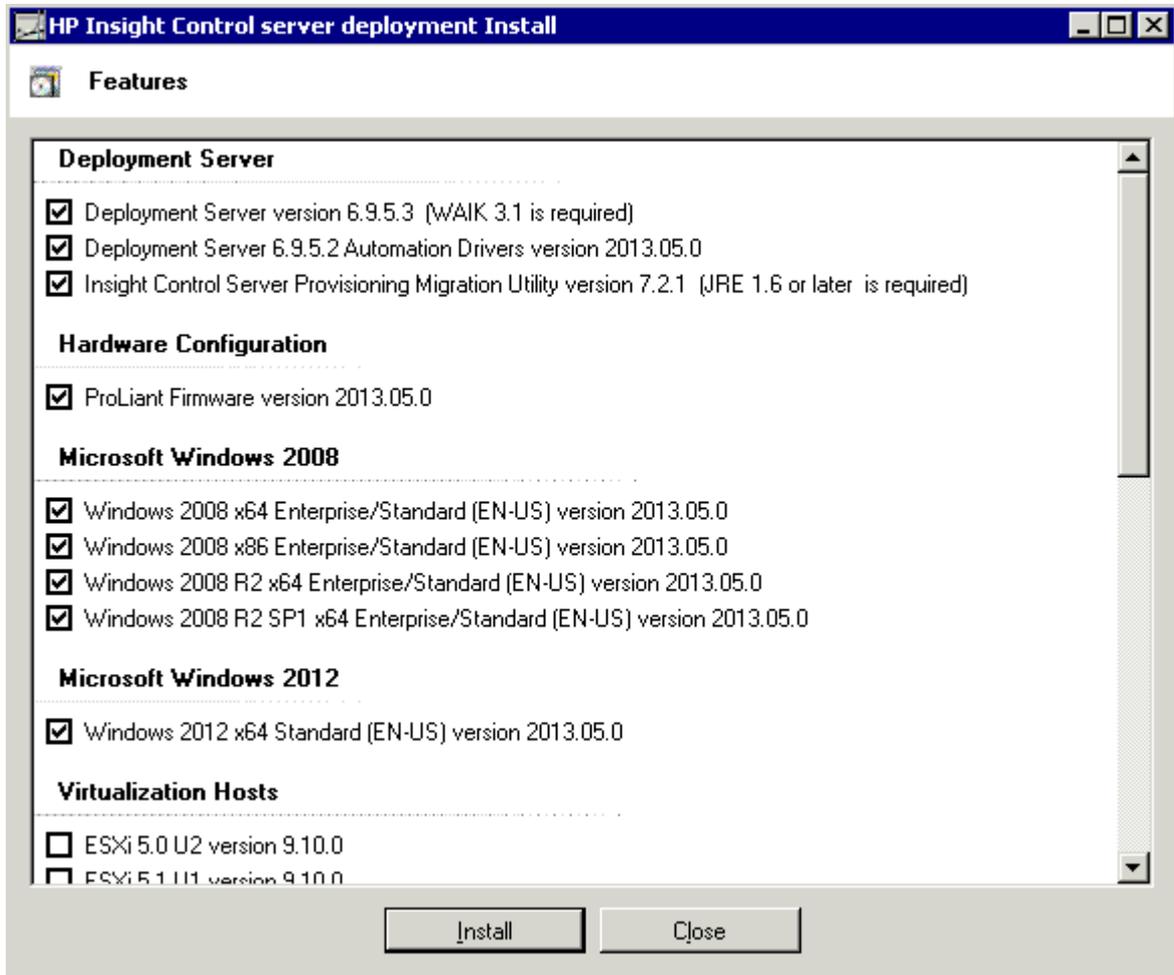
3. Click **Agree** to accept the terms. The **Prerequisites** screen appears.

Figure 3 Prerequisites screen



4. Ensure the system requirements are fulfilled and click **Continue**. The **Features** screen appears.

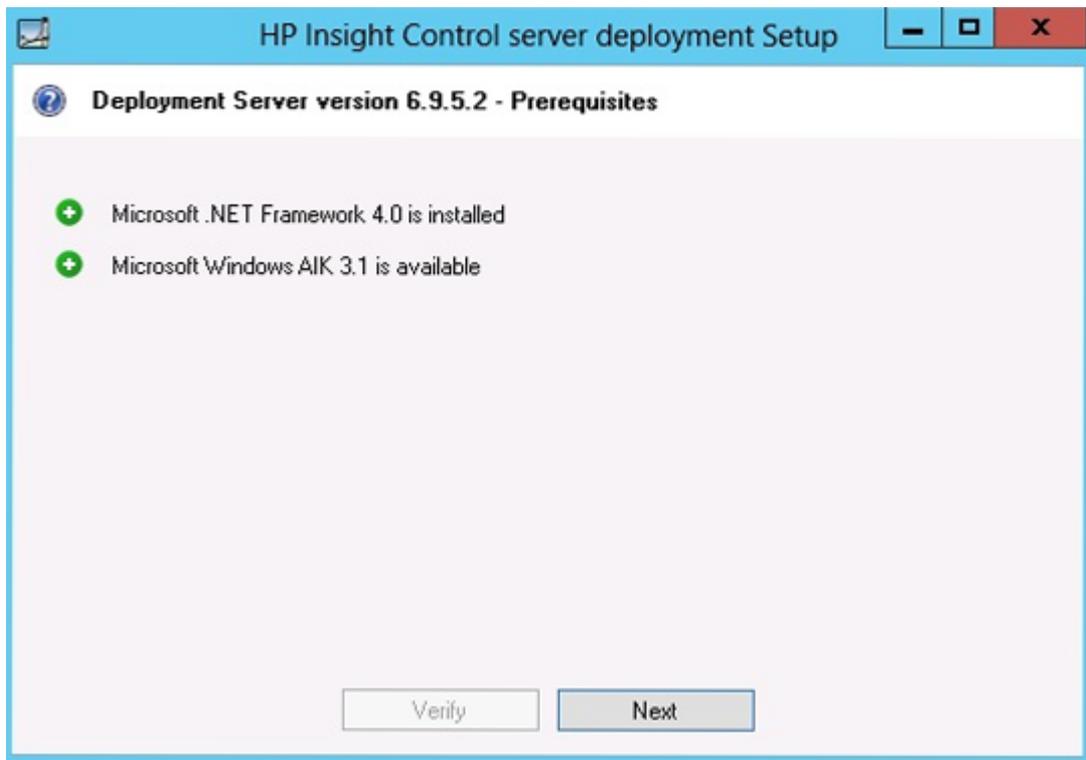
Figure 4 Features screen



5. Click **Install** to upgrade the system configuration. The **Deployment Server Prerequisites** screen appears.

NOTE: On the **Features** screen, select any additional feature, if required.

Figure 5 Deployment Server Prerequisites screen



6. Click **Verify** to check the prerequisites and click **Next**. The **Deployment Share Information** screen appears.

Figure 6 Deployment Share Information screen

Deployment Share Information

Enter information about the Deployment Share where your images, packages, and program files should be installed.

Enter the folder to install the Deployment Share. This folder must be accessible from all Deployment agents.

File server path:

Create Deployment Share. All client computers must have access to this file server path.

Free 7 day license

Upgrade using existing license

License file:

7. Select the appropriate licensing option and click **Next**. The **Deployment Server Information** screen appears.

NOTE: If you are installing Insight Control server deployment for the first time, select **Free 7 day license** or **License file**.

In case you want to upgrade, select **Upgrade using existing license** to avoid losing existing licenses.

Figure 7 Deployment Server Information screen

Altiris Deployment Server Installation

Deployment Server Information

Enter information about the Deployment Server.

Where would you like to install the Deployment Server?

On this computer

On a remote computer

Remote computer name:

IP address:

Data Manager Port:

Deployment Server install path:

The following Administrator account must exist on the Deployment Share and the Deployment Server. If using Active Directory, enter 'domain\user name'.

Service user name: Service password:

< Back Next > Cancel Help

8. Enter the Service password and click **Next**. The **Deployment Database** screen appears.

Figure 8 Deployment Database screen

Altiris Deployment Server Installation

Deployment Database
Enter information about the Deployment Database

Select the Microsoft SQL Server Instance where you would like your Deployment Database to be installed. You can override the SQL port number if you select a Named Instance. You can also change the default database name.

DD2A38F7D706BAD

SQL Port Number: 1433

Database Name : eXpress

If Microsoft SQL Server is not installed, cancel this installation and install the Microsoft SQL Server Desktop Engine (MSDE). Then restart this installation.

< Back Next > Cancel Help

9. Select the name of the server instance where you want to install the database and click **Next**. The **Gathering Information** screen appears.

NOTE: If the database is located on a remote server, you might have to enter a username and password with Administrator rights.

Figure 9 Gathering information screen

Altiris Deployment Server Installation

Gathering Information
Enter information about the Deployment Database authentication.

Use Windows NT authentication

Use SQL Server authentication
Enter the user name and password for the SQL Server

Enter a user name and password with Administrator rights for the SQL database. This is used to update or create the database.

If your existing SQL Server installation is a Microsoft Database Engine (MSDE), the default user name is 'sa' and the password is either blank or 'Altiris!'.

User name:

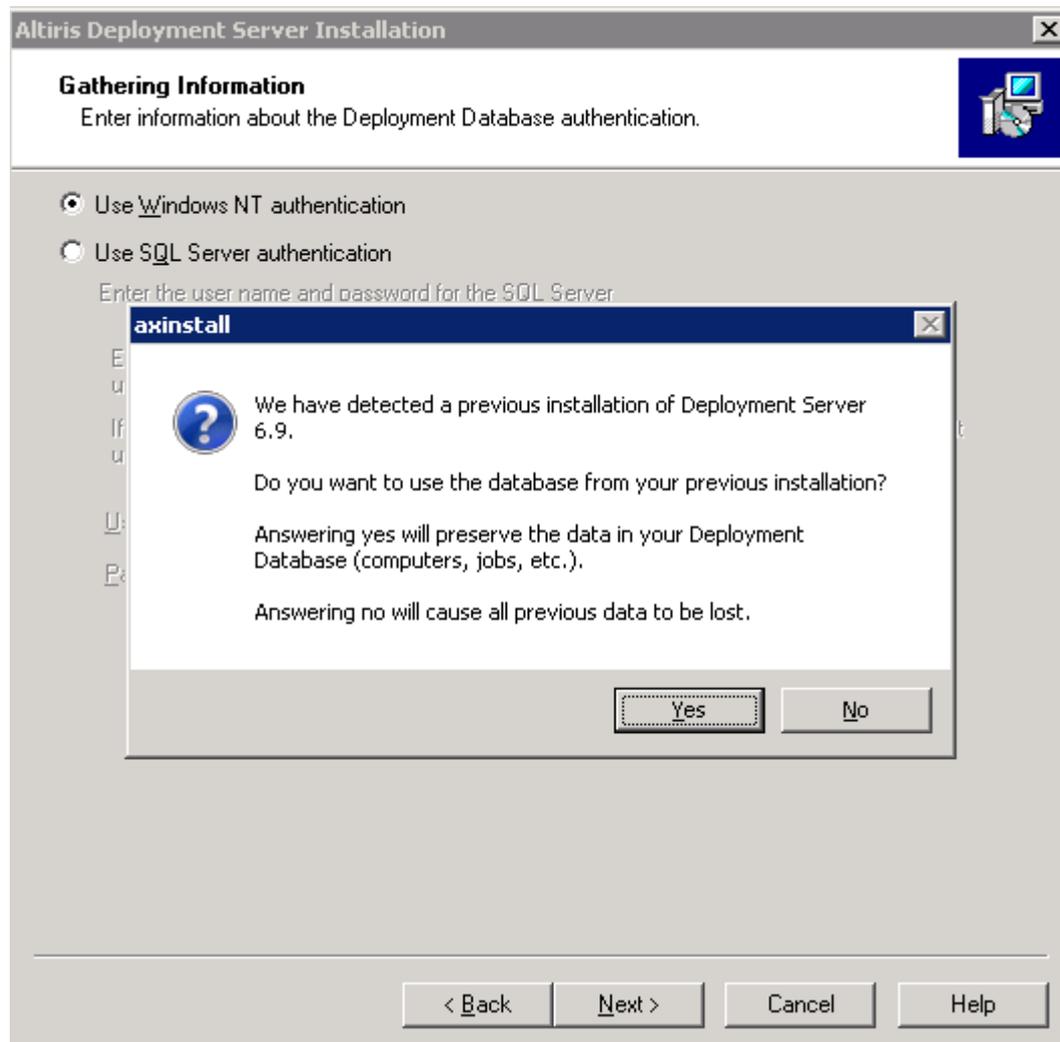
Password:

< Back Next > Cancel Help

10. Select **Use Windows NT authentication** and click **Next**. The **Pre-boot Operating Systems** screen appears.

If you want to use the existing database, click **Yes** on the prompt as shown in the [Figure 10 \(page 14\)](#).

Figure 10 Gathering Information



NOTE: You must select Windows NT authentication as HP Insight Control server deployment does not support SQL server authentication.

Figure 11 Pre-boot Operating Systems screen

Altiris Deployment Server Installation

Pre-boot Operating Systems

Select the pre-boot operating systems for Boot Disk Creator.

Enter the location where the pre-boot operating system files are located.
For FreeDOS and Linux operating systems enter the location of the Altiris FIRM file.

DOS

FreeDOS: C:\Users\Administrator\AppData\Local\Temp\2\~SXE1A.tmp\hpfe ▶

MS-DOS: ▶

Linux

x86:* C:\Users\Administrator\AppData\Local\Temp\2\~SXE1A.tmp\hpfe ▶

x64:* C:\Users\Administrator\AppData\Local\Temp\2\~SXE1A.tmp\hpfe ▶

ia64:* ▶

WinPE

x86: ▶

x64: ▶

ia64: ▶

WinPE options are disabled during installation. Use Boot Disk Creator.
* indicates that this Pre-boot OS is already installed.
Additional pre-boot operating systems can be installed later from the Boot Disk Creator.

< Back **Next >** Cancel Help

11. Click **Next**. The **PXE Server information** screen appears.

Figure 12 PXE Server information screen

The screenshot shows a window titled "Altiris Deployment Server Installation" with a sub-header "PXE Server Information". Below the sub-header is the instruction "Enter information about the PXE Server". The main area contains a question "Do you want to use PXE Server?" with four radio button options: "No, I will be using an Altiris automation partition on each client computer", "Yes, I want to install PXE Server on this computer*", "Yes, I want to install PXE Server on a remote computer", and "Yes, I want to upgrade PXE Server(s) on this computer or a remote computer". The fourth option is selected. Below the options is a text field for "Remote computer name:" with a "Browse..." button. Further down are fields for "PXE Server IP address:" (empty), "Deployment Server IP address:" (containing "10 . 1 . 1 . 106"), and "PXE Server install path:" (containing "C:\Program Files (x86)\Altiris\Express\Deployment Server"). A section titled "Select the pre-boot operating system to use as the default PXE boot menu item" has four radio button options: "DOS", "Linux", "Windows PE", and "Keep current default", with the last one selected. A note at the bottom states "* Existing PXE server(s) will autoupdate." At the bottom of the window are four buttons: "< Back", "Next >", "Cancel", and "Help".

12. Use **Browse** to specify the location of the **Remote computer name** to install PXE Server and click **Next**. The **Deployment Agent Connection to Deployment Server** screen appears.

NOTE: If the Dynamic Host Configuration Protocol (DHCP) is installed on a separate server, click **OK** when you receive the prompt that DHCP services are required. If you do not want to use PXE, see the Knowledge Base article *Creating and Using Automated Boot Media (Article 196)*.

In case of upgrade, select **Yes, I want to upgrade PXE Server(s) on this computer or a remote computer**.

Figure 13 Deployment Agent Connection to Deployment Server screen

Altiris Deployment Server Installation

Deployment Agent Connection to Deployment Server

Enter information about how the client computers will connect to the Deployment Server

How do you want your client computers to connect to the Deployment Server?

Connect directly to Deployment Server

Deployment Server IP address:

Port:

Discover Deployment Server using TCP/IP multicast

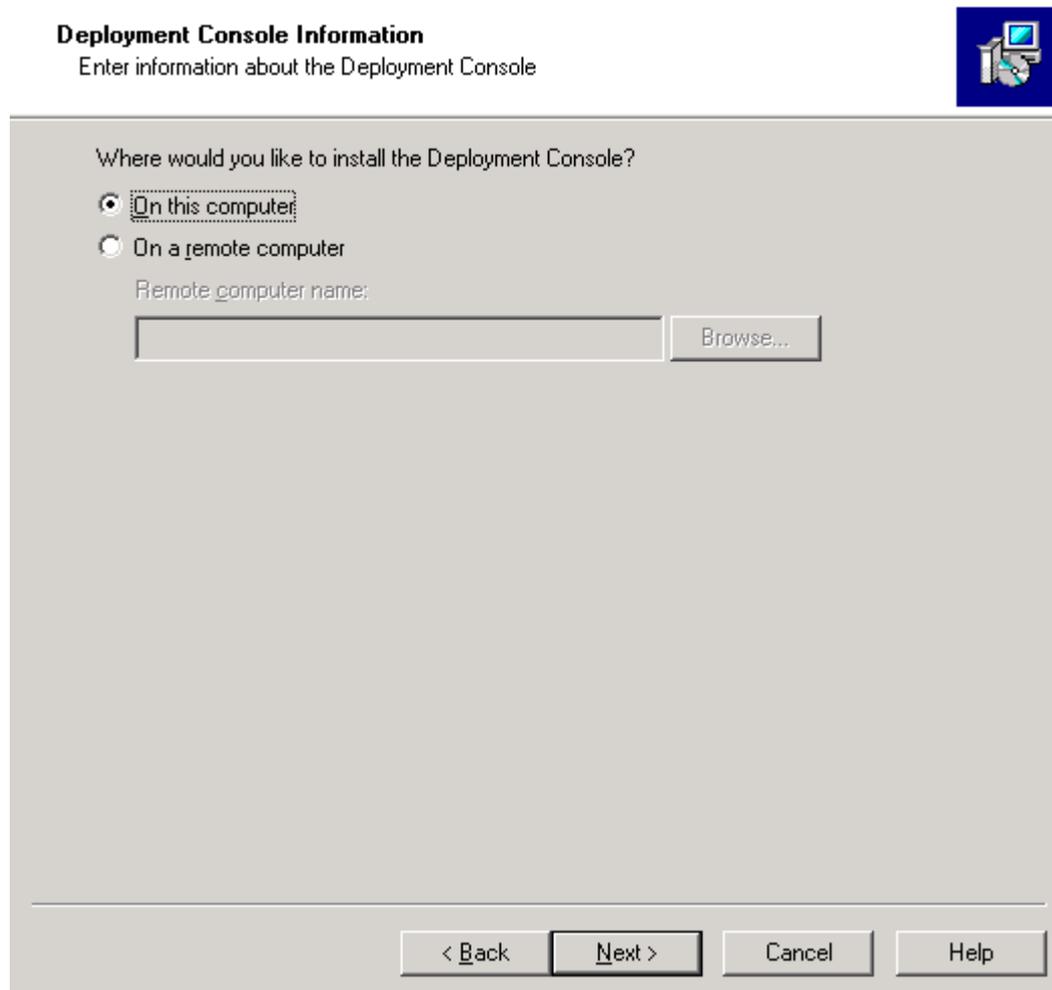
Server name:

If no Deployment Server is specified, the Deployment Agent will connect to the first Deployment Server it finds.

< Back Next > Cancel Help

13. Specify how clients must connect to the **Deployment Server** and click **Next**. The **Deployment Console Information** screen appears.

Figure 14 Deployment Console Information screen



14. Specify the location where you want to install the deployment server and click **Next**. The **Deployment Web Console Information** screen appears.

NOTE: Do not install the initial Deployment Console component on a remote server, because the Deployment Console component installation will fail.

Figure 15 Deployment Web Console Information screen

Altiris Deployment Server Installation

Deployment Web Console Information

Enter information about the Deployment Web Console. It must be on a computer that is running Microsoft IIS.

Where would you like to install the Deployment Web Console?

Do not install

On this computer

On a remote computer

Remote computer name:

Console port:

Deployment Web Console path:

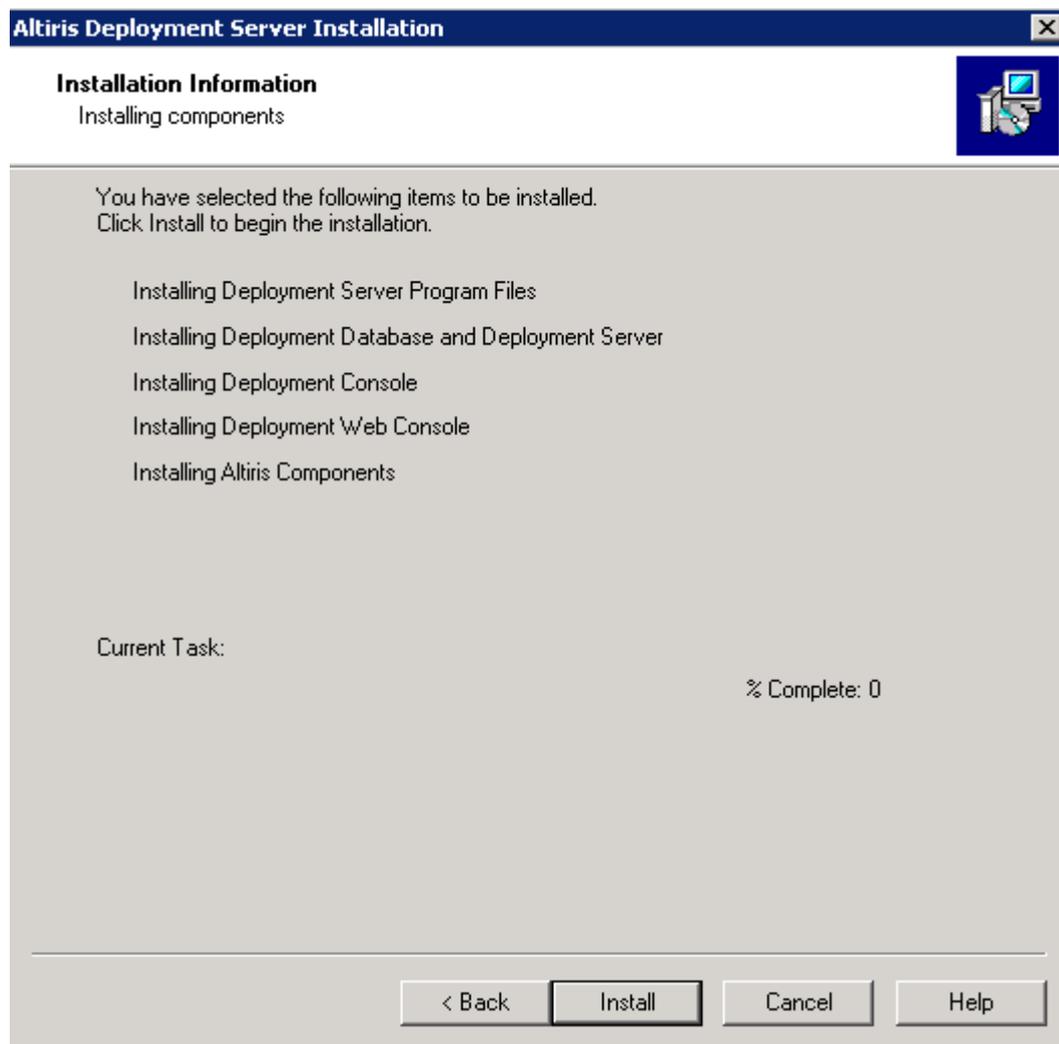
The following Administrator account must exist on the Deployment Share and the Deployment Web Console. If using Active Directory, enter 'domain\'user name'.

Service user name:

Service password:

15. Specify where you want to install the **Deployment Web Console** and click **Next**. The **Installation Information** screen appears.

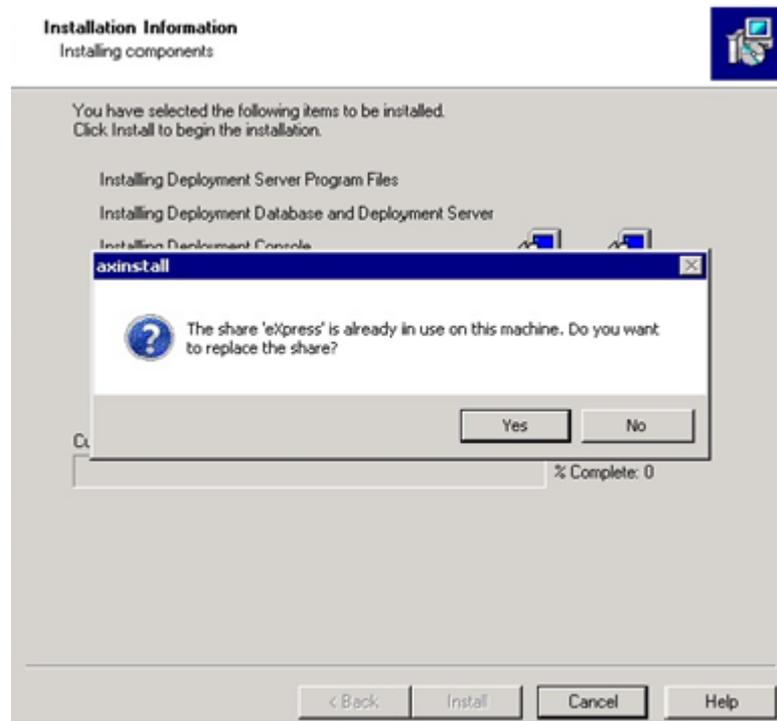
Figure 16 Installation Information screen



16. Click **Install**.

In case of upgrade, click **Yes** when you receive the prompt to replace the eXpress share as shown in the following figure.

Figure 17 Installation Information



17. After the installation is complete, click **Finish**.

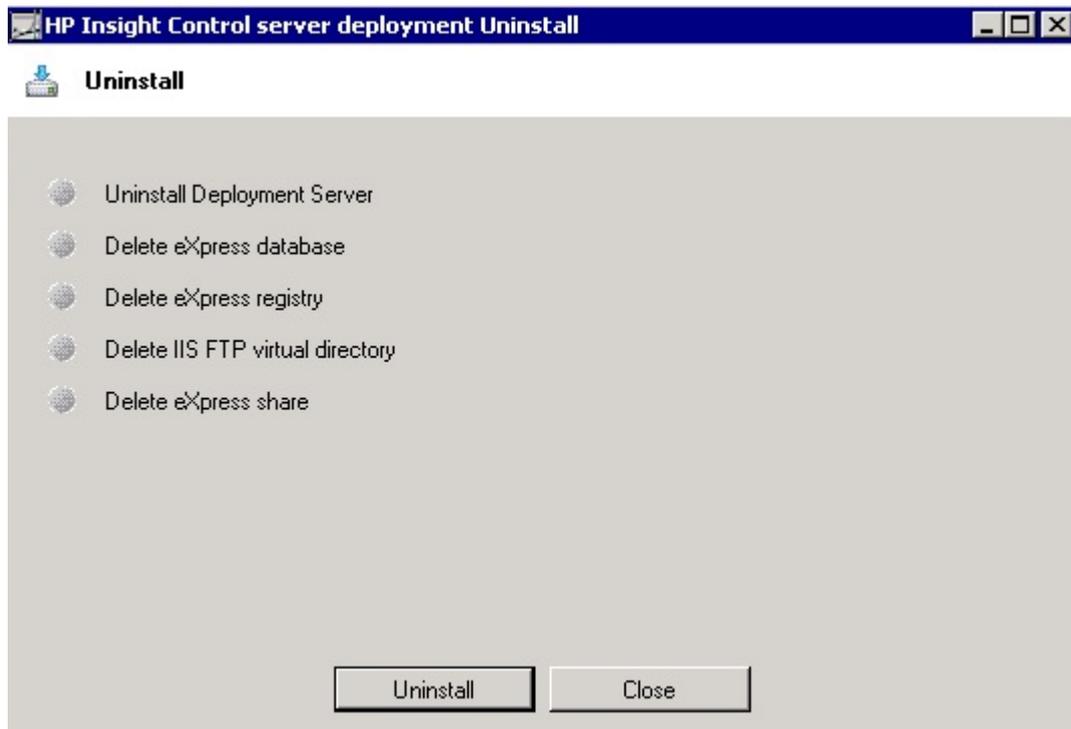
4 Uninstalling Insight Control server deployment

Uninstallation procedure

To uninstall Insight Control server deployment:

1. Extract the ICdep1-7.2.1.x.exe file.
2. After extracting, double click uninstall.exe. The **Uninstall** screen appears.

Figure 18 Uninstall screen



3. Click **Uninstall**. This completes the unistallation of Insight Control server deployment.
4. After the uninstallation is complete, remove all the references to the Insight Control server deployment from the Registry Editor.

5 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 (if applicable)

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 email 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>

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>

Websites

- Knowledge Base:
<http://www.hp.com/go/insightdeploy/kb>
- 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

<i>Book title</i>	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 <code>ls -a</code> .
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 <code>x</code> .
ENVIRONMENT VARIABLE	The name of an environment variable, for example, <code>PATH</code> .
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.
<i>Replaceable</i>	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.

6 Documentation feedback

HP is committed to providing documentation that meets your needs. To help us improve the documentation, send any errors, suggestions, or comments to Documentation Feedback (docsfeedback@hp.com). Include the document title and part number, version number, or the URL when submitting your feedback.

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