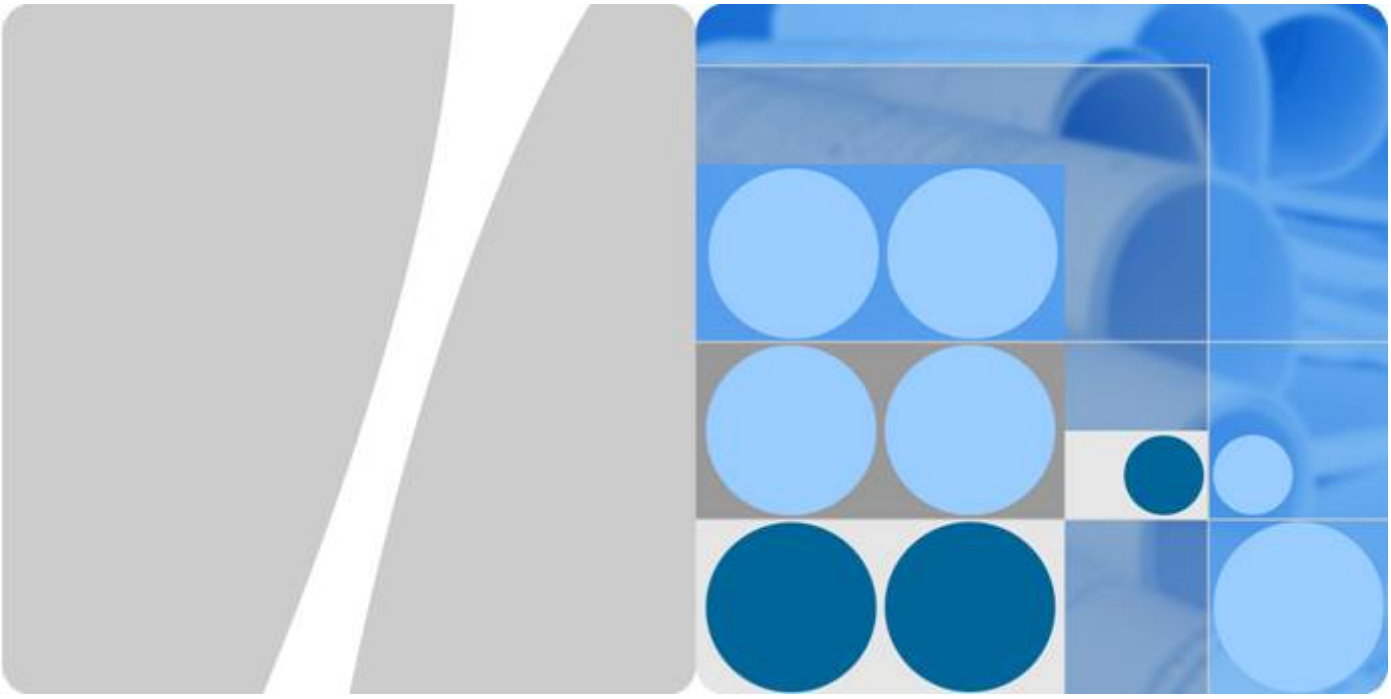

Huawei eSight AppBase

V200R001C00

Software Installation Guide

Issue 02

Date 2011-09-30

HUAWEI TECHNOLOGIES CO., LTD.

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Huawei Technologies Co., Ltd.

Address: Huawei Industrial Base
Bantian, Longgang
Shenzhen 518129
People's Republic of China

Website: http://www.huawei.com

Email: support@huawei.com

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About This Document

Product Version

The following table lists the product version related to this document.

Product Name	Product Version
eSight	V200R001C00

Intended Audience

This document describes how to install different eSight editions (compact, standard, and professional) and obtain references required for the installation.

This document is intended for:

- Technical support engineers
- Maintenance engineers
- Installation and commissioning engineers

Symbol Conventions

The symbols that may be found in this document are defined as follows:

Symbol	Description
DANGER	Indicates a hazard with a high level of risk that, if not avoided, will result in death or serious injury.
WARNING	Indicates a hazard with a medium or low level of risk that, if not avoided, could result in minor or moderate injury.
CAUTION	Indicates a potentially hazardous situation that, if not avoided, could cause equipment damage, data loss, and performance degradation, or unexpected results.

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Symbol	Description
TIP	Indicates a tip that may help you solve a problem or save time.
NOTE	Provides additional information to emphasize or supplement important points of the main text.

Command Conventions

The command conventions that may be found in this document are defined as follows:

Convention	Description
Boldface	The keywords of a command line are in **boldface**.
Italic	Command arguments are in *italics*.
[ ]	Items (keywords or arguments) in square brackets [ ] are optional.
{ x | y | ... }	Alternative items are grouped in braces and separated by vertical bars. One is selected.
[x | y | ...]	Alternative items are grouped in square brackets and separated by vertical bars. One or none is selected.
{ x | y | ... } *	Alternative items are grouped in braces and separated by vertical bars. A minimum of one or a maximum of all can be selected.
[x | y | ...] *	Alternative items are grouped in square brackets and separated by vertical bars. Several or none can be selected.

GUI Conventions

The GUI conventions that may be found in this document are defined as follows:

Convention	Description
Boldface	Buttons, menus, parameters, tabs, windows, and dialog titles are in **boldface**. For example, click **OK**.
>	Multi-level menus are in boldface and separated by the ">" signs. For example, choose **File** > **Create** > **Folder**.

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Update History

Updates between document versions are cumulative. Therefore, the latest document version contains all updates made to previous versions.

Updates in Issue 02 (2011-09-30)

The second commercial release has the following updates:

Fixed some bugs.

Updates in Issue 01 (2011-07-15)

Initial release.

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1 Overview

eSight is a new-generation network management system targeting enterprise parks and tributary networks. eSight supports unified management and intelligent interaction for enterprise resources, services, and users. In addition, eSight can manage IT devices, IP devices, and third-party devices in a unified manner, and analyze network traffic and access authentication roles intelligently. It adjusts network control strategies automatically to ensure the security of enterprise networks comprehensively. Moreover, eSight provides a flexible open platform, which lays a foundation for enterprises to build their own intelligent network management systems.

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2 Installing the eSight Compact Edition

About This Chapter

This topic describes how to install the eSight Compact edition in the Windows 7 operating system.

2.1 Installation Process

2.2 Preparing for the Installation
This topic describes how to prepare for the installation, including software and hardware configuration requirements, and how to obtain required software.

2.3 Installing the eSight Server
This topic describes how to install the eSight server.

2.4 Log In to the eSight Server from a Client
This topic describes how to log in to the eSight server from a client.

2.5 Registering Software
This topic describes how to apply for and load an eSight license.

2.6 Uninstalling eSight
This topic describes how to uninstall eSight.

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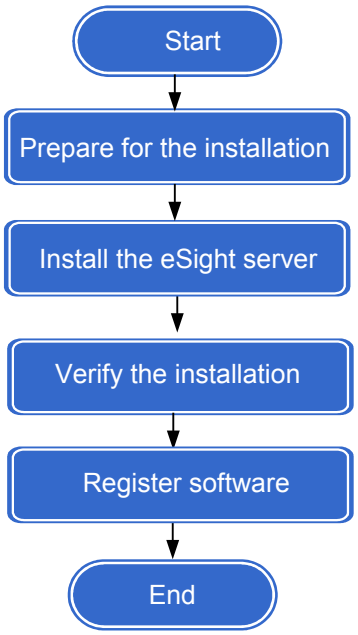
2.1 Installation Process

The **Figure 2-1** shows the eSight server installation process.

Figure 2-1 eSight server installation process



The following table lists installation stages.

Table 2-1 Installation process description

No.	Installation Description	Reference
1	Describes how to prepare for the installation, including software and hardware configuration requirements, and how to obtain required software.	**2.2 Preparing for the Installation**
2	Describes how to install the eSight server.	**2.3 Installing the eSight Server**
3	Describes how to log in to the eSight server from a client.	**2.4 Log In to the eSight Server from a Client**
4	Describes how to apply for and load an eSight license.	**2.5 Registering Software**

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2.2 Preparing for the Installation

This topic describes how to prepare for the installation, including software and hardware configuration requirements, and how to obtain required software.

2.2.1 Configuration Requirements

This topic describes the configuration requirements on the eSight server.

The following table lists configuration requirements on the eSight server (compact edition).

Table 2-2 Configuration requirements on the eSight server (compact edition)

Server Configuration	Factory Configuration	Management Capacity (Number of NEs)	Java Heap Size	Operating System	Client Configuration
CPU: 1*dual-core 2 GHz or above Memory: 2 GB Disk space: 20 GB	Desktop-I3 2100 or above-2G-320G or above-DVDRW	60	1 GB	Windows 7 (32 bits)	● Internet Explorer 8 ● Firefox 3.6 **NOTE** Use either of the preceding browsers.

NOTE

The eSight installation package contains MySQL 5.5. MySQL 5.5 is automatically installed along with eSight.

2.2.2 Obtaining Required Software

This topic describes how to obtain required software.

The eSight server can be installed in either of the following ways:

- Using CD-ROMs: Obtain the required CD-ROMs.
- Using installation packages: Obtain the required installation packages.

Using CD-ROMs

Obtain the following CD-ROMs:

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Table 2-3 CD-ROM list

Software	CD-ROM
eSight software of compact edition	eSight application platform (compact edition)

NOTE

Use the Windows 7 installation DVD provided by Microsoft to install the Windows operating system.

Using Installation Packages

Method of obtaining installation packages:

Go to the enterprise network website http://www.huawei.com/enterprise.

Choose **SUPPORT** > **Software Download** > **Network Management** > **eSight** to download the software package.

Obtain the following installation packages:

NOTE

In an installation package, ***version*** indicates the detailed version number of the eSight.

Table 2-4 Installation package list

Software	Name	Description
eSight installation software of compact edition	eSight_AppBase_***version***_Compact.zip	(Mandatory) It is used to install the eSight of compact edition.

2.3 Installing the eSight Server

This topic describes how to install the eSight server.

Prerequisite

- The operating system has been installed on an eSight server host.
- Installation software has been obtained. For details, see **2.2.2 Obtaining Required Software**.
- The network adapter is enabled.
- The eSight server IP address has been set.

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Context

The MySQL database will be installed along with the eSight software. Therefore, you do not need to install the MySQL database. The system will install a new MySQL database in the eSight installation directory, which does not affect the existing MySQL database.

CAUTION

The eSight installation files must be placed on the local PC.

Procedure

Step 1 Log in to the Windows operating system as the **administrator** user.

Step 2 Double-click the **setup.exe** file to start eSight installation.

- Method one: Use CD-ROMs.
  1. Put the CD-ROM into the CD-ROM drive, and double-click the **setup.exe** file in the CD-ROM root directory.
  2. The **Select Language** dialog box is displayed.
- Method two: Use installation packages.
  1. Decompress all installation packages to a same directory. Take WinRAR files as an example. Select all required packages, right-click, and choose **Extract Here** from the shortcut menu.

     CAUTION

     To ensure successful eSight server installation, verify that all installation path names (installation package path and eSight installation path) contain only the following characters: letters, digits, underscores (_), and spaces.
  2. Double-click the **setup.exe** file in the installation package directory.
  3. The **Select Language** dialog box is displayed.

Step 3 Select **English** and click **OK**.

The **Introduction** dialog box is displayed.

NOTE

The system automatically checks whether the current environment meets requirements for installing eSight software. If the current environment does not meet the requirements, the associated message is displayed.

Step 4 Click **Next**.

The **Copyright Notice** dialog box is displayed.

Step 5 Select **I accept these terms**, and click **Next**.

The **Set Installation Parameters** dialog box is displayed.

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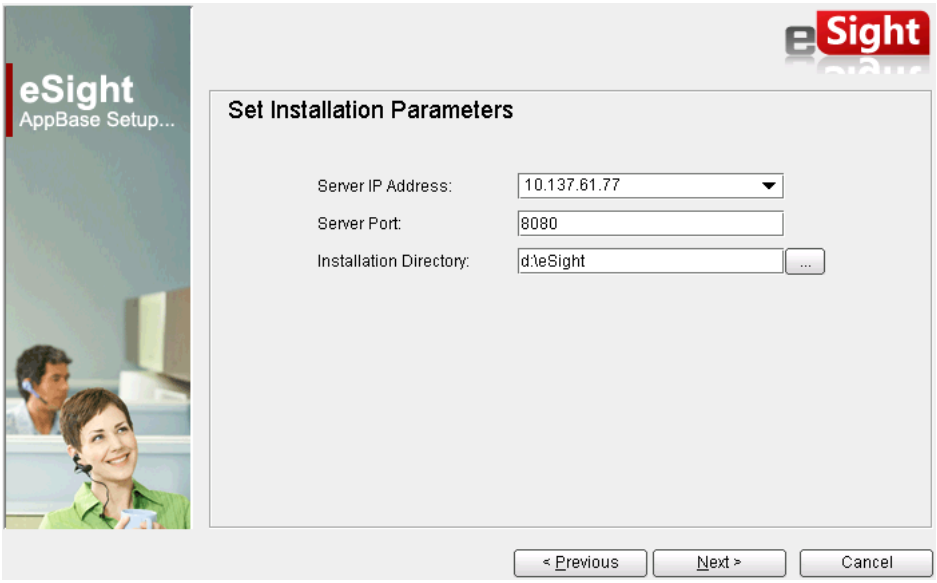


NOTE

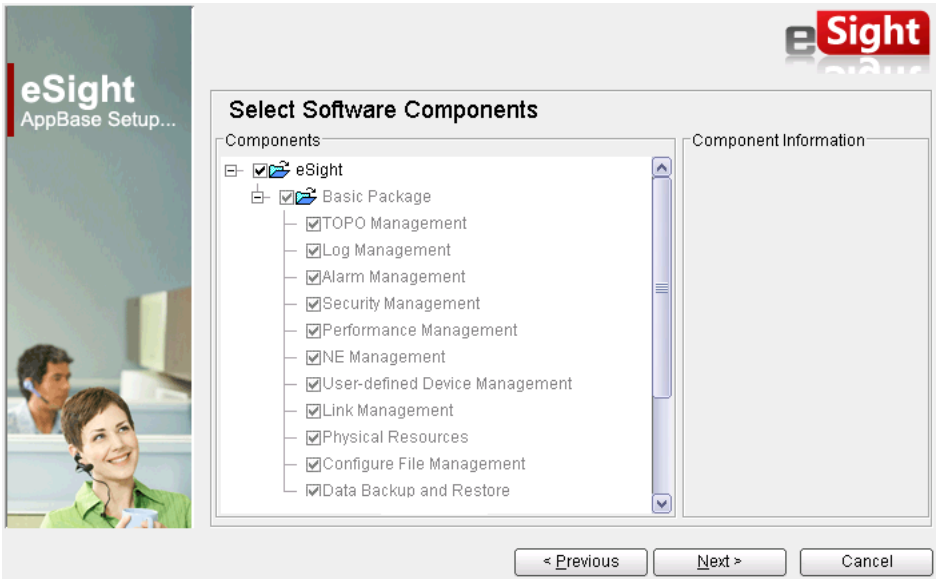
- **IP Address**: Default IP address of the eSight server host. If the server has multiple IP addresses, select a public IP address from the drop-down list box.
- **Port**: The default port number is **8080**. If the port is in use, change it to another port number.
- **Installation Directory**: eSight server installation directory, which can be manually changed.

CAUTION

To ensure successful eSight server installation, verify that the eSight server installation directory is empty before the installation.

Step 6 Click **Next**.

The **Select Software Components** dialog box is displayed.



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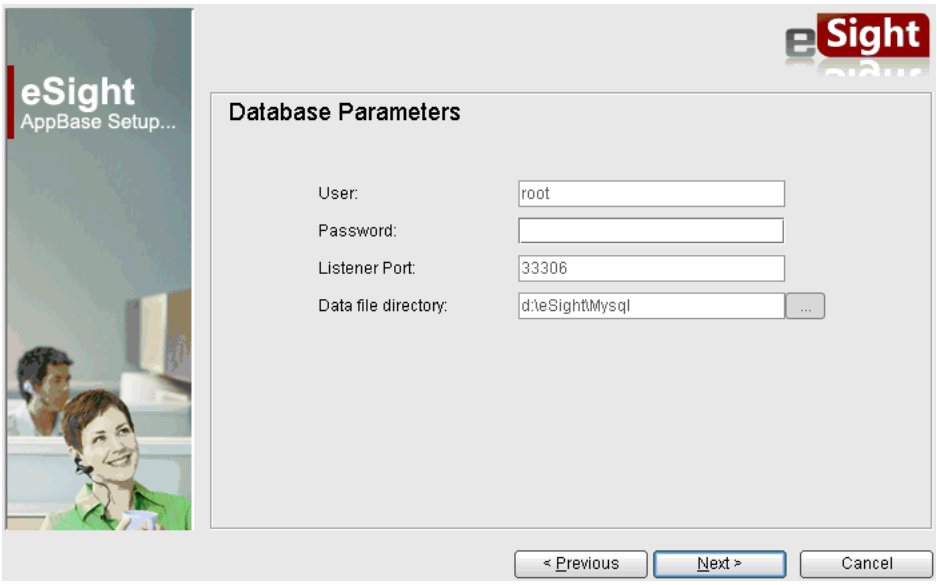
NOTE

Components under **Basic Package** are in gray by default, and must be installed.

Step 7 Click **Next**.

The **Database Parameters** dialog box is displayed.



Step 8 Enter the password of the user **root**, and click **Next**.

The **Confirm Installation** dialog box is displayed.

Step 9 Verify the installation information, and click **Next**.

NOTE

If the installation information is incorrect, click **Previous** to reset installation information.

Step 10 The system starts to install the eSight server. After about 5 minutes, the **Installation Completed** dialog box is displayed.

NOTE

In the **Installation Completed** dialog box, **Start eSight immediately** and **Start backup server** are selected by default. Keep the default settings.

Step 11 Click **Finish**. The eSight server installation is complete.

----End

2.4 Log In to the eSight Server from a Client

This topic describes how to log in to the eSight server from a client.

Prerequisite

The eSight server installation has been completed.

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Procedure

Step 1 Verify that the following shortcut icons are displayed on the desktop:

- start eSight
- shutdown eSight

Step 2 Check whether the eSight service has started. If the eSight service has not started, perform the following steps to start it:

Double-click the **start eSight** shortcut icon on the desktop or choose **Start** > **All Programs** > **eSight** > **start eSight**.

If **Daemon is already running** is displayed, the eSight service has been started. Otherwise, wait until the eSight service starts. When the status of every process is **started** and **Finished** is displayed, the eSight service has been started.

Step 3 Log in to the eSight server from the client.

- Log in to the eSight server from the Window Internet Explorer 8.
  1. Open the Internet Explorer.
  2. Choose **Tools** from the main menu.
  3. Select **Compatibility View**.
  4. In the **Compatibility View Settings** dialog box, clear the **Display intranet sites in Compatibility View** and **Display all websites in Compatibility View** check boxes.
  5. Click **Close**.
  6. Choose **Tools** > **Internet Options** > **Security** > **Custom Level** from the main menu.
  7. Locate the **Downloads** node. In **Automatic prompting for file downloads**, select **Enable**.
  8. Click **OK**.
  9. In the address box, enter **http://*eSight server IP address*:*port number***, and press **Enter**.

     CAUTION

     If the server has multiple IP addresses, enter the IP address selected during eSight server installation in the address box. If another IP address is entered, access to the server fail.

  10. **Optional:** If you log in to the eSight server for the first time, the message "There is a problem with this website's security certificate." is displayed. Click **Continue to this website (not recommended).**

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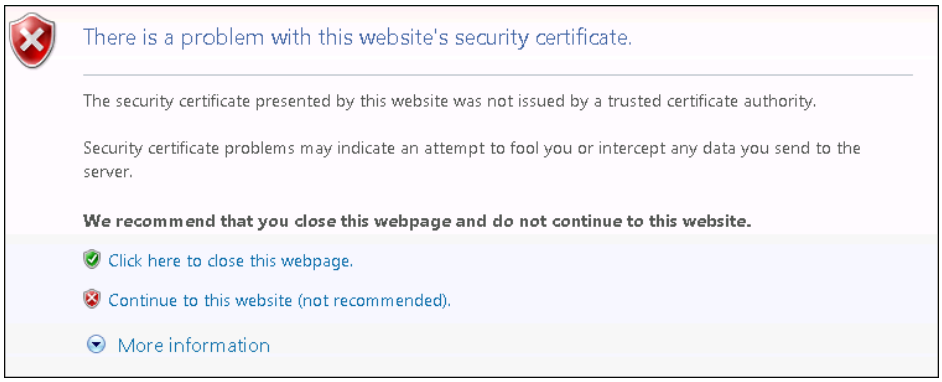
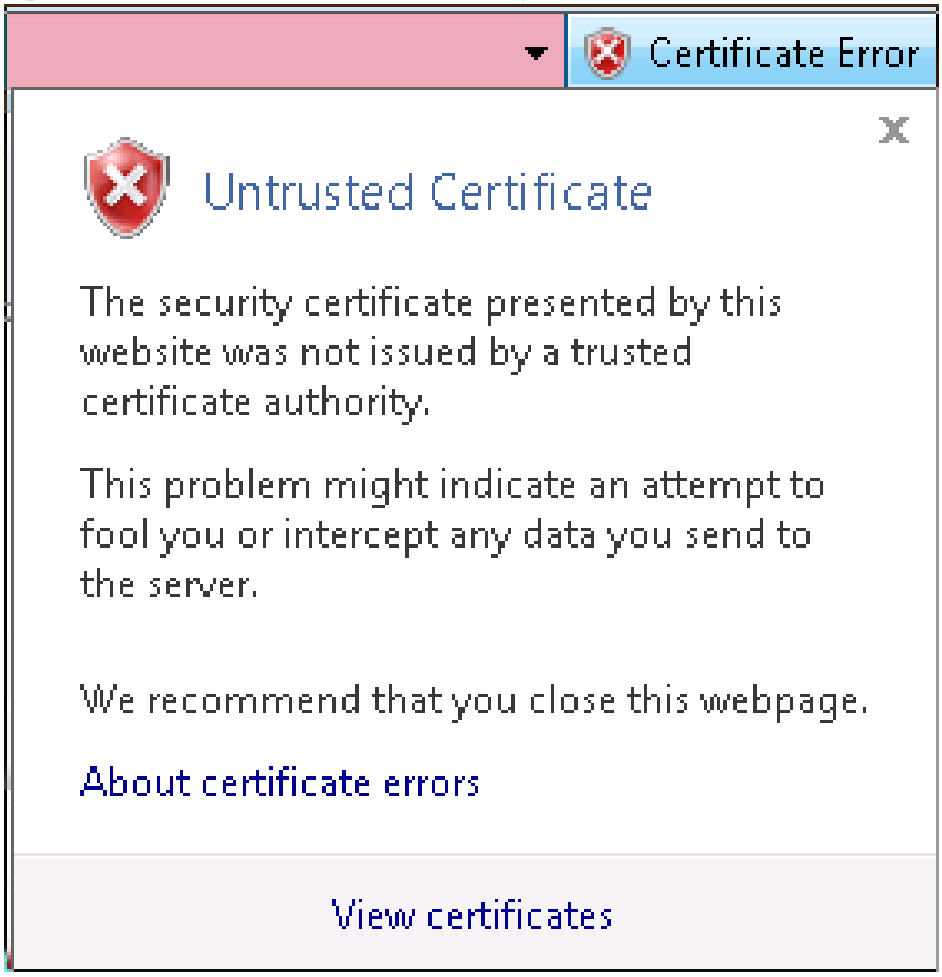


11. **Optional:** On the left of the address bar, click **Certificate Error**.
12. **Optional:** In the **Untrusted Certificate** dialog box, click **View certificates**.



13. **Optional:** In the **Certificate** dialog box, select the **General** tab and click **Install Certificate...**.

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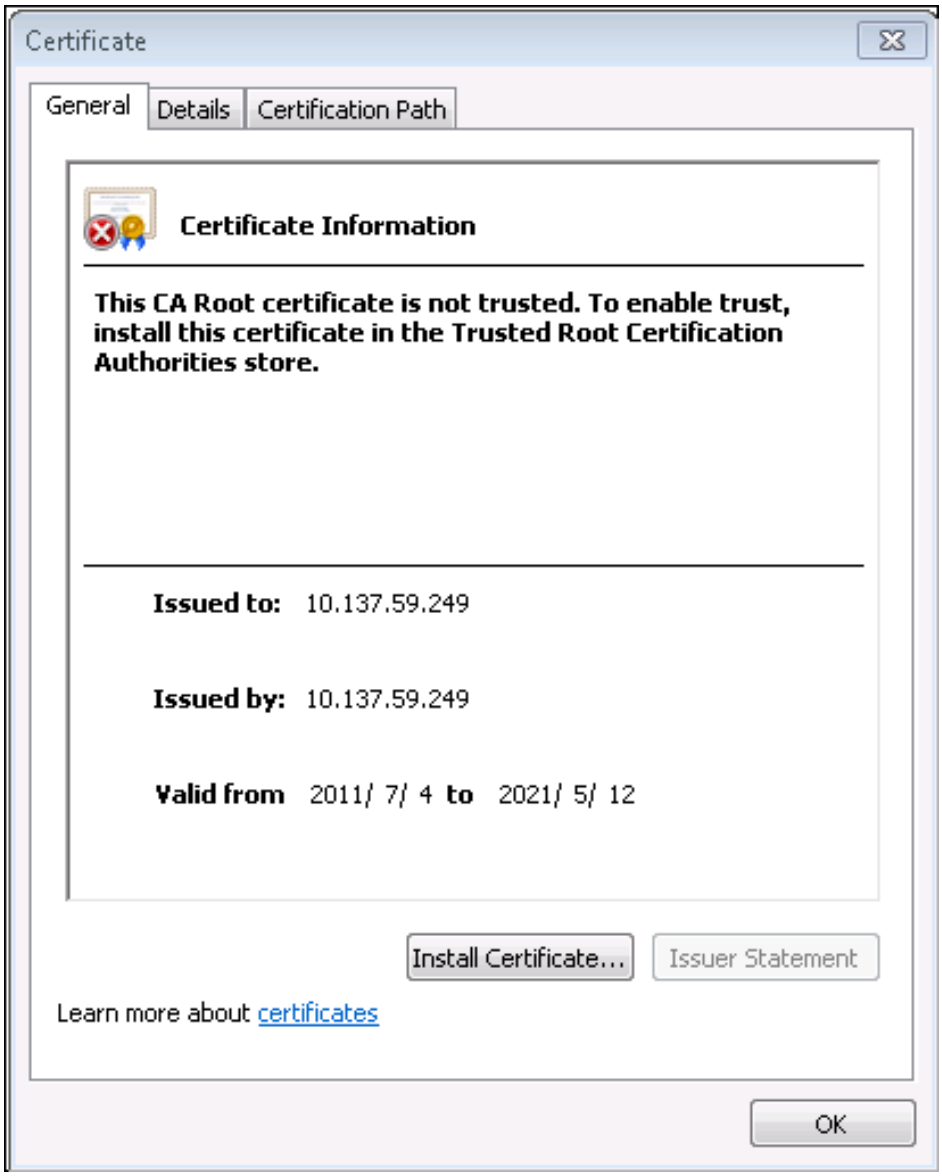

14. **Optional:** In the **Certificate Import Wizard** dialog box, click **Next**.

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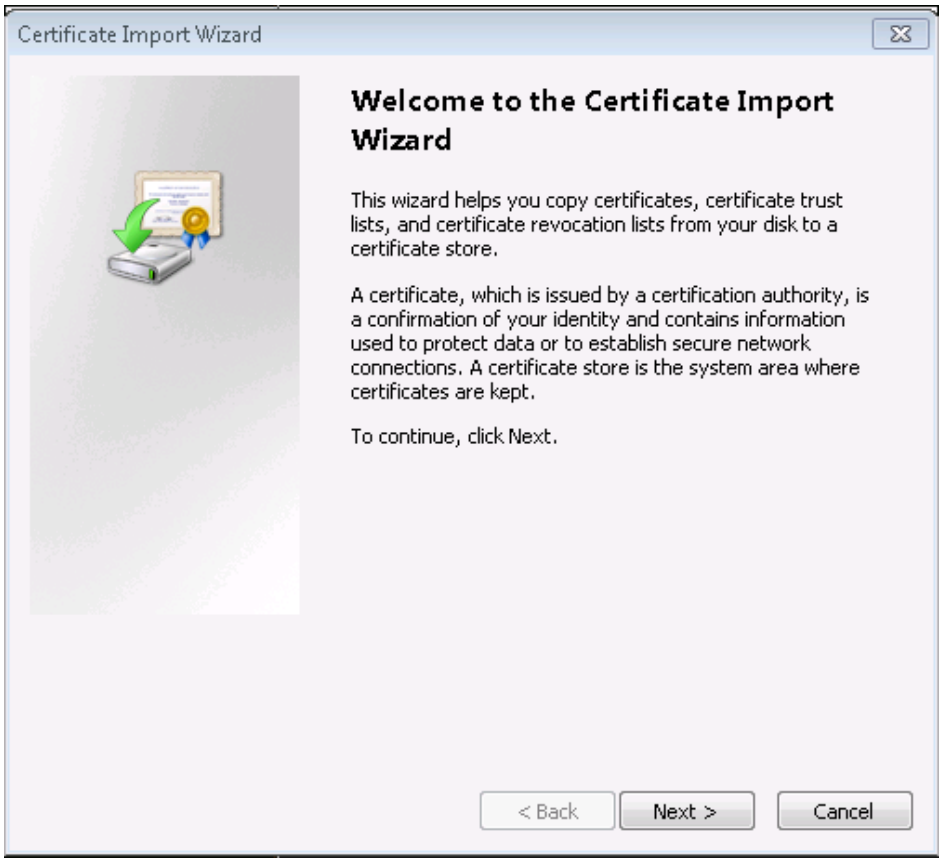

15. **Optional:** In the **Certificate Store** dialog box, choose **Place all certificates in the following store**.

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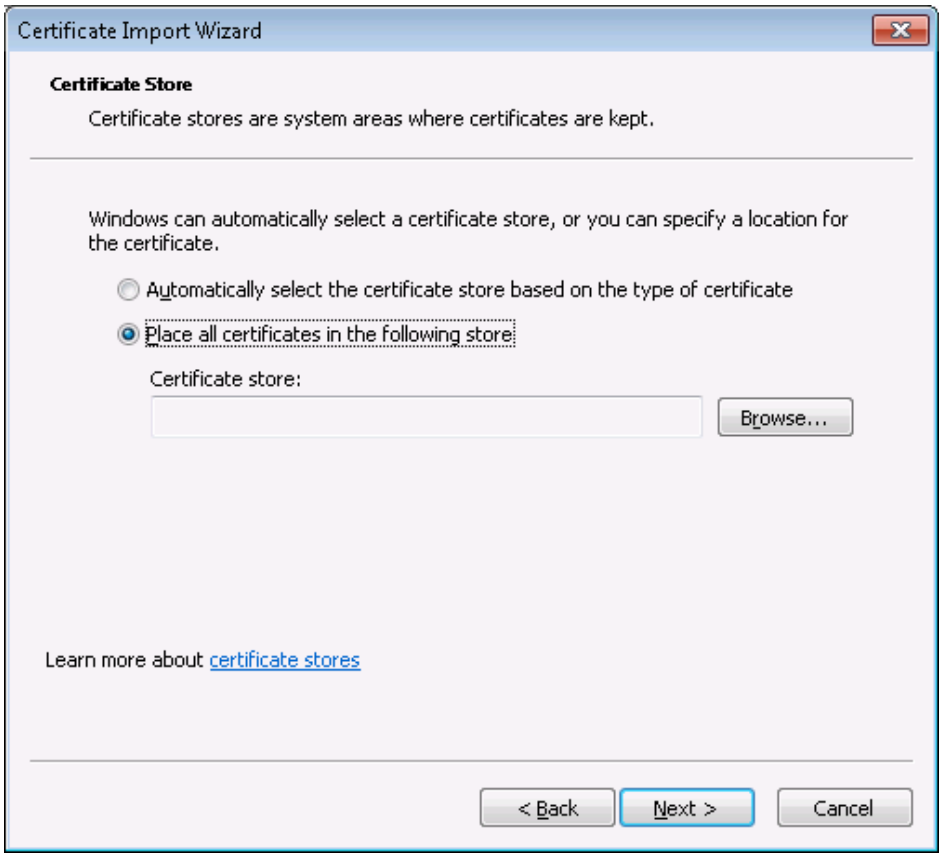
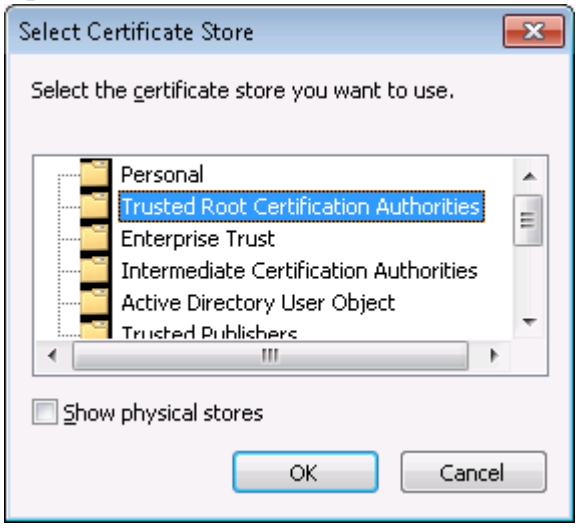


16. **Optional:** Click **Browse**, choose **Trusted Root Certification Authorities**.



17. **Optional:** Click **OK**.
18. **Optional:** Click **Next**.
19. **Optional:** Click **Finish**.
20. **Optional:** In the **Security Warning** dialog box, click **Yes**.
21. **Optional:** Click **OK** to complete certificate import.
22. **Optional:** Restart the Window Internet Explorer 8, enter **http://*eSight server IP address*:*port number*** in the address box, and press **Enter**.
23. Enter the user name **admin** and the default password **admin**, and click **Log In**.

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- Log in to the eSight server from the Firefox 3.6.
  1. In the address box, enter **http://*eSight server IP address*:*port number***, and press **Enter**.
  2. **Optional:** If you log in to the eSight server for the first time, the message "This Connection is Untrusted" is displayed. Click **I Understand the Risks**.
  3. **Optional:** Click **Add Exception...**.
  4. **Optional:** Select **Permanently store this exception** and click **Confirm Security Exception**.
  5. Enter the user name **admin** and the default password **admin**, and click **Log In**.

----End

2.5 Registering Software

This topic describes how to apply for and load an eSight license.

2.5.1 Applying for an eSight License

A license file is an authentication file that a special encryption tool generates based on the information about the contract that a user signs with Huawei and the information about the server where the eSight is installed. A license file is sent to users by email and the user manually loads it to the eSight to activate the eSight use permission. This topic describes how to apply for an eSight license.

Procedure

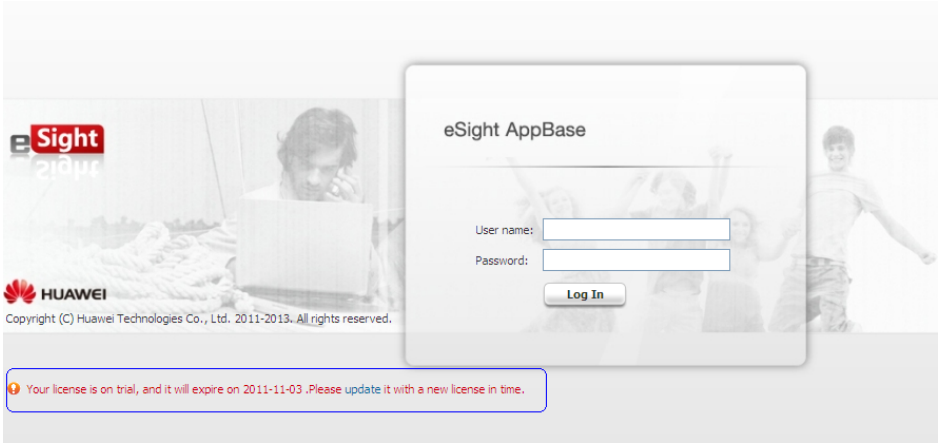
Step 1 Obtain the contract information.

The soft copy of Huawei license authentication certificate is delivered along with the eSight. Obtain the contract number, license authentication code (LAC), product name, and product model from Huawei license authentication certificate.

Step 2 Obtain the server equipment serial number (ESN).

An ESN is a string that uniquely identifies a device. It is used to ensure that the license is granted to the specified device.

1. Open the eSight login window.



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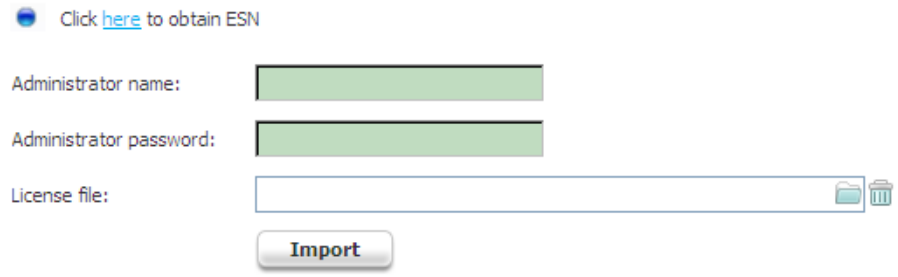
2. Click **update**.

   Access the initial license importing page.

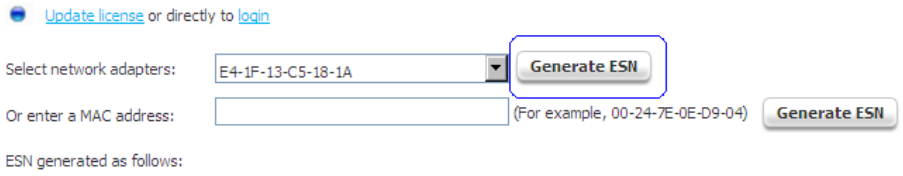


3. Click **here**.

   Access the ESN generation page.

4. The eSight automatically recognizes the NIC information about the server on which the eSight installed. Click **Generate ESN** on the right of **Select network adapters**.

   Record the generated ESN.



NOTE

If the server is equipped with multiple NICs, record the ESNs for all the NICs.

Step 3 Apply for an eSight license.

Send a mail to the local Huawei eSight product manager or the eSight license contact person (Chen Keming, email: ckm@huawei.com) according to the following information. After you send the email, the license application is complete. Please wait for Huawei eSight to send the license authorization file.

Set the following parameters:

- Agent name: Set it as required.
- Applicant: Set it as required.
- Telephone number: Set it as required.
- Email address: Set it as required. The email address is used to receive license files. Ensure that the email address is correct.
- Contract number: Enter the contract number obtained in 2.1 Obtaining Contract Information.
- Office name: Set it as required.
- Office type: Use the default value New office.
- Product name: Enter the product name obtained in 2.1 Obtaining Contract Information.
- Product model: Enter the product model obtained in 2.1 Obtaining Contract Information.

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- ESN: Enter the ESN obtained in 2.2 Obtaining a Server ESN. If multiple network adapters exist, separate ESNs with commas (,).
- LAC: optional. For details, see the authorization certificate.
- Upload attachment: Upload the electronic eSight authorization certificate.
- Application description: Set it as required.

----End

2.5.2 Loading an eSight License

This topic describes how to load an eSight license.

Prerequisite

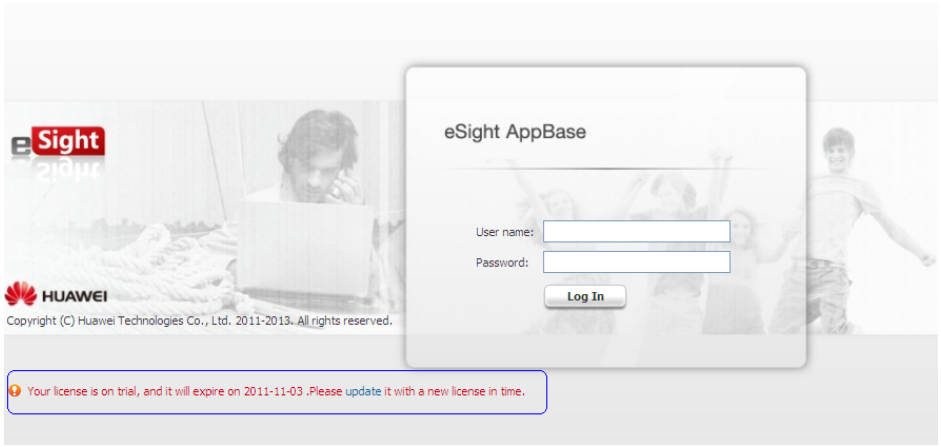
A correct eSight license file must have been obtained.

NOTE

The license file name cannot contain any space. If the name contains a space, uploading or updating the license file will fail. If the name of the obtained license file contains spaces, delete the spaces or change them to _ before using the license file.

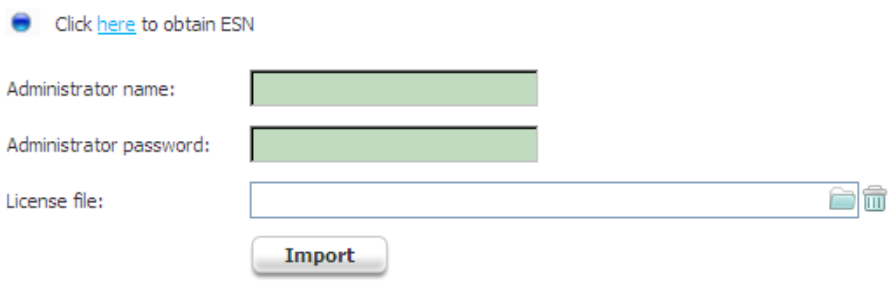
Procedure

Step 1 Open the eSight login window.



Step 2 Click **update**.

Access the initial license importing page.



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Step 3 Enter a user name and a password, and select the local path in which the license file is stored.

- Administrator name: The default value is **admin**.
- Administrator password: The default value is **admin**.
- License file: Select the local path in which the license file is stored.

Step 4 Click **Import**.

The license file is loaded, and the window switches to the eSight login window.

----End

Follow-up Procedure

After the license file is loaded, log in to the eSight as an administrator. Choose **System** > **License Management**, view the license expiration date, and check the license items and resource items.

2.6 Uninstalling eSight

This topic describes how to uninstall eSight.

Context

When eSight is uninstalled, the eSight database is deleted. To save the eSight database data, back up files in the **backupdata\history** directory that is in the same directory as the eSight installation path in advance.

Procedure

Step 1 Choose **Start** > **All Programs** > **eSight** > **shutdown eSight**.

Step 2 Choose **Start** > **All Programs** > **eSight** > **uninstall**.

Step 3 In the dialog box that is displayed, select the component to uninstall, and click **Next**.

Step 4 In the **Confirm** dialog box that is displayed, click **Yes**.

Step 5 In the **Uninstallation Completed** dialog box that is displayed, click **Finish**.

----End

Follow-up Procedure

1. Verify that the eSight shortcut icon on the desktop is deleted automatically.
2. Verify that the eSight installation path is deleted automatically.

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3 Installing the eSight Standard Editions

About This Chapter

This topic describes how to install the eSight standard editions in the Windows Server 2008 operating systems.

3.1 Installation Process

3.2 Preparing for the Installation
This topic describes how to prepare for the installation, including software and hardware configuration requirements, and how to obtain required software.

3.3 Installing the eSight Server
This topic describes how to install the eSight server.

3.4 Log In to the eSight Server from a Client
This topic describes how to log in to the eSight server from a client.

3.5 Registering Software
This topic describes how to apply for and load an eSight license.

3.6 Uninstalling eSight
This topic describes how to uninstall eSight.

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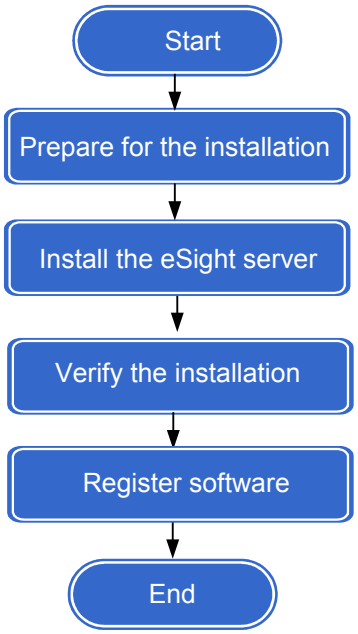
3.1 Installation Process

- Preinstallation scheme: The operating system and eSight system has been preinstalled on the eSight server delivered to the site. For details about the default information configured before the delivery, see **3.2.2 Installation Plan**.
- Full-installation scheme: If you use a self-purchased server or the eSight system needs to be reinstalled, see the installation process described in this document.

The following figure shows the eSight server installation process.

Figure 3-1 eSight server installation process



NOTE

In Windows Server 2008, the MySQL database is automatically installed along with the eSight software. Manual operations are not required.

The following table lists installation stages.

Table 3-1 Installation process description

No.	Installation Description	Reference
1	Describes how to prepare for the installation, including software and hardware configuration requirements, and how to obtain required software.	**3.2 Preparing for the Installation**
2	Describes how to install the eSight server.	**3.3 Installing the eSight Server**

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No.	Installation Description	Reference
3	Describes how to log in to the eSight server from a client.	**3.4 Log In to the eSight Server from a Client**
4	Describes how to apply for and load an eSight license.	**3.5 Registering Software**

3.2 Preparing for the Installation

This topic describes how to prepare for the installation, including software and hardware configuration requirements, and how to obtain required software.

3.2.1 Configuration Requirements

This topic describes the configuration requirements on the eSight server.

The following table lists configuration requirements on the eSight server (standard edition).

Table 3-2 Configuration requirements on the eSight server (standard edition)

Server Configuration	Factory Configuration	Management Capacity (Number of NEs)	Java Heap Size	Operating System	Client Configuration
CPU: 1*dual-core 2 GHz or above Memory: 4 GB Disk space: 40 GB	PC server-IBM X3650M3-Xeon quadri-core E5506 2.13G or above-4G (1x4G)	0-200	1.5 GB	Windows Server 2008R2 standard (64 bits)	● Internet Explorer 8 ● Firefox 3.6 **NOTE** Use either of the preceding browsers.
CPU: 2*dual-core 2 GHz or above Memory: 4 GB Disk space: 60 GB		200-500			

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Server Configuration	Factory Configuration	Management Capacity (Number of NEs)	Java Heap Size	Operating System	Client Configuration
CPU: 2*quadri-core 2 GHz or above Memory: 8 GB Disk space: 120 GB	PC server-IBM X3650M3-2*Xeon quadri-core E5506 2.13G or above-8G (2x4G)	500-2000	3 GB		

NOTE

The eSight installation package contains MySQL 5.5. MySQL 5.5 is automatically installed along with eSight.

3.2.2 Installation Plan

This topic describes how to plan installation information, such as the IP address, host name, and password, to help correctly install the eSight system.

- When the preinstallation scheme is used, information such as the IP address and password described in this topic is the default information after the preinstallation. Modify the information based on your site environment.
- When the full-installation scheme is used, information such as the IP address and password described in this topic is for your reference. Modify the information based on your site environment.

Plan for User Names and Passwords

Table 3-3 Plan for user names and passwords

Item	User Name	Password
Windows operating system	administrator	Changeme123
eSight software	admin	admin **NOTE** The eSight system prompts you to change the password at first login.

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Plan for Host Names and IP Addresses

Table 3-4 Plan for host names and IP addresses

Item	Setting
Host name	eSightServer **NOTE** When the eSight server is delivered to the site, the host name of the server can be modified as required.
IP address	129.9.1.1 **NOTE** When the eSight server is delivered to the site, change the IP address of the operating system based on your site environment. Then synchronize the IP address of the operating system to the eSight server by referring to **6.3 Synchronizing the eSight Server IP Address to eSight**.
Subnet mask	255.255.255.0
Default gateway	129.9.1.254

Plan for Disk Partitions

Table 3-5 Plan for disk partitions

Disk	Partition Size	Used To
Drive C	100 GB	Install the operating system.
Drive D	Remaining space	Install the database and eSight system.

Plan for Installation Paths

Table 3-6 Plan for installation paths

Software	Installation Path
eSight	D:\eSight

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Plan for the Time Zone

Table 3-7 Plan for the time zone

Item	Setting
Time zone	GMT+08:00 **NOTE** When the eSight server is delivered to the site, change the time zone and time based on your site environment.

3.2.3 Obtaining Required Software

This topic describes how to obtain required software.

The eSight server can be installed in either of the following ways:

- Using CD-ROMs: Obtain the required CD-ROMs.
- Using installation packages: Obtain the required installation packages.

Using CD-ROMs

Obtain the following CD-ROMs:

Table 3-8 CD-ROM list

Software	CD-ROM
Windows installation software	Windows Server 2008 R2 Standard
eSight installation software of standard edition	eSight application platform (standard edition)

Using Installation Packages

Method of obtaining installation packages:

Go to the enterprise network website http://www.huawei.com/enterprise.

To download eSight installation software of standard edition, choose **SUPPORT** > **Software Download** > **Network Management** > **eSight**.

Obtain the following installation packages:

NOTE

In an installation package, ***version*** indicates the detailed version number of the eSight.

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Table 3-9 Installation package list (standard edition)

Software	Name	Description
eSight installation software of standard edition	eSight_AppBase_***version***_ Standard.zip	(Mandatory) It is used to install the eSight of standard edition.

3.3 Installing the eSight Server

This topic describes how to install the eSight server.

Prerequisite

- The operating system has been installed on an eSight server host.
- Installation software has been obtained. For details, see **3.2.3 Obtaining Required Software**.
- The network adapter is enabled.
- The eSight server IP address has been set.

Context

The MySQL database will be installed along with the eSight software. Therefore, you do not need to install the MySQL database. The system will install a new MySQL database in the eSight installation directory, which does not affect the existing MySQL database.

CAUTION

The eSight installation files must be placed on the local PC.

Procedure

Step 1 Log in to the Windows operating system as the **administrator** user.

Step 2 Double-click the **setup.exe** file to start eSight installation.

- Method one: Use CD-ROMs.
  1. Put the CD-ROM into the CD-ROM drive, and double-click the **setup.exe** file in the CD-ROM root directory.
  2. The **Select Language** dialog box is displayed.
- Method two: Use installation packages.
  1. Decompress all installation packages to a same directory. Take WinRAR files as an example. Select all required packages, right-click, and choose **Extract Here** from the shortcut menu.

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CAUTION

To ensure successful eSight server installation, verify that all installation path names (installation package path and eSight installation path) contain only the following characters: letters, digits, underscores (_), and spaces.

2. Double-click the **setup.exe** file in the installation package directory.
3. The **Select Language** dialog box is displayed.

Step 3 Select **English** and click **OK**.

The **Introduction** dialog box is displayed.

NOTE

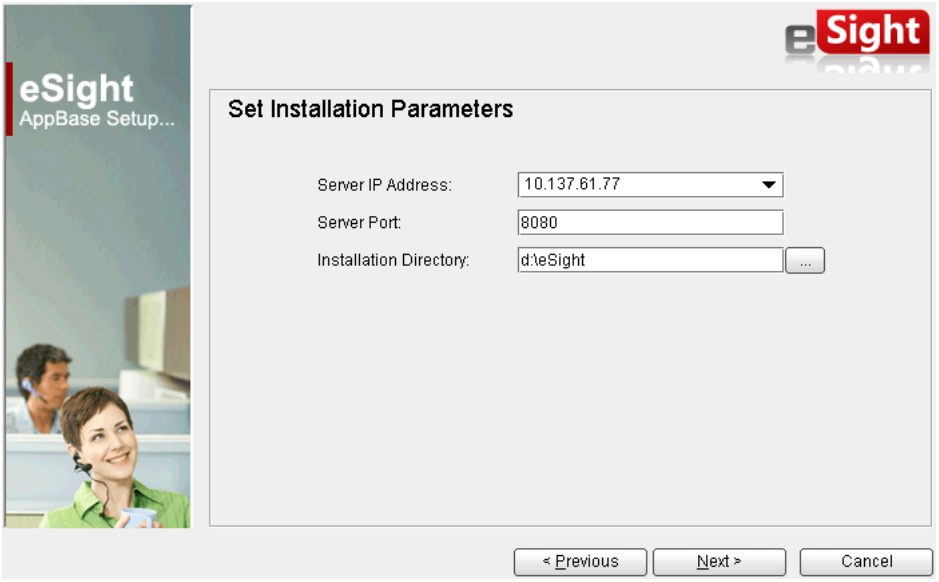
The system automatically checks whether the current environment meets requirements for installing eSight software. If the current environment does not meet the requirements, the associated message is displayed.

Step 4 Click **Next**.

The **Copyright Notice** dialog box is displayed.

Step 5 Select **I accept these terms**, and click **Next**.

The **Set Installation Parameters** dialog box is displayed.



NOTE

- **IP Address**: Default IP address of the eSight server host. If the server has multiple IP addresses, select a public IP address from the drop-down list box.
- **Port**: The default port number is **8080**. If the port is in use, change it to another port number.
- **Installation Directory**: eSight server installation directory, which can be manually changed.

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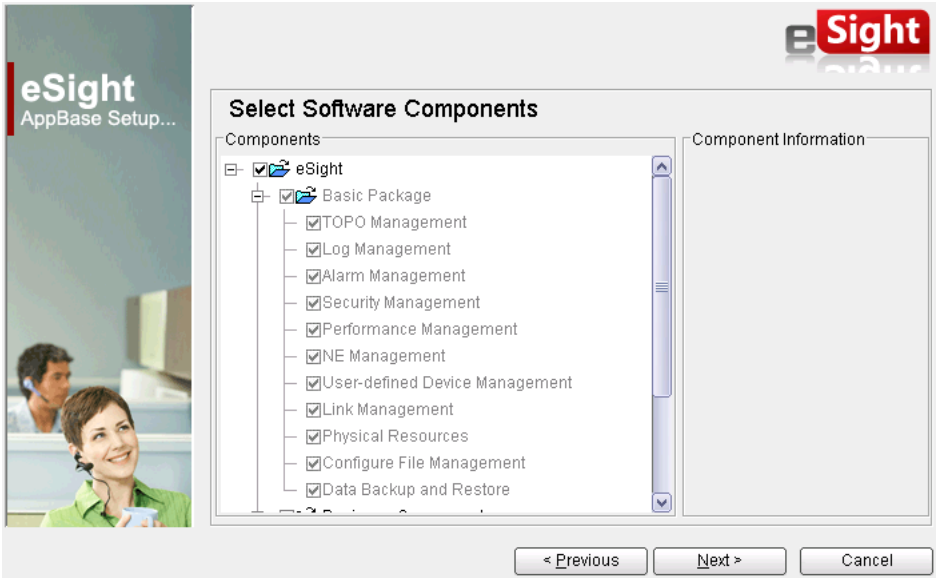
CAUTION

To ensure successful eSight server installation, verify that the eSight server installation directory is empty before the installation.

Step 6 Click **Next**.

The **Select Software Components** dialog box is displayed.



NOTE

- Components under **Basic Package** are in gray by default, and must be installed.
- Select required components under **Business Component**. eSight components support incremental installation. If a component is not installed during the first eSight server installation, it can be installed during the next eSight server installation.

Step 7 Click **Next**.

The **Database Parameters** dialog box is displayed.

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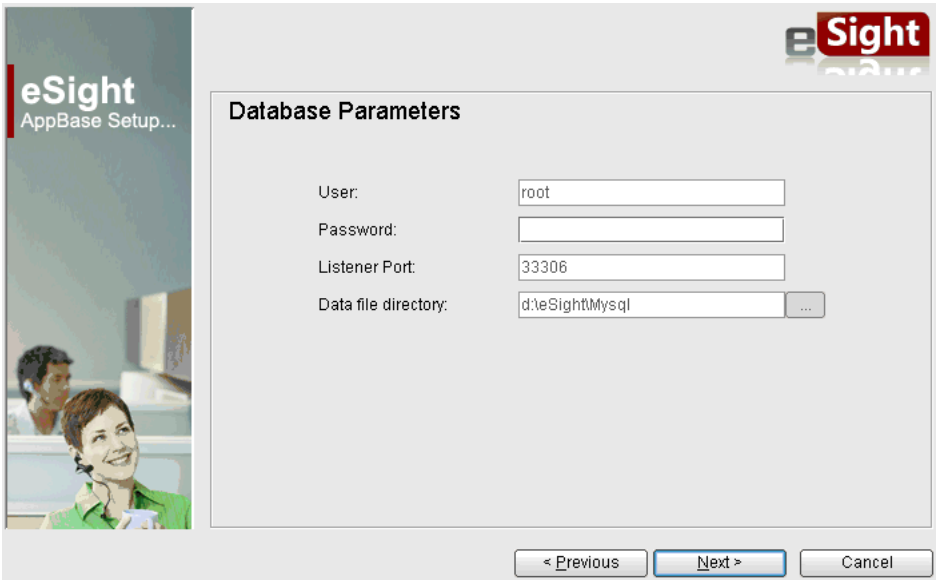

Step 8 Enter the password of the user **root**, and click **Next**.

NOTE

When installing the eSight for the first time, enter the **root** user password. In the case of incremental installation, the password input box is dimmed and you do not need to enter the password.

The **Confirm Installation** dialog box is displayed.

Step 9 Verify the installation information, and click **Next**.

NOTE

If the installation information is incorrect, click **Previous** to reset installation information.

Step 10 The system starts to install the eSight server. After about 5 minutes, the **Installation Completed** dialog box is displayed.

NOTE

In the **Installation Completed** dialog box, **Start eSight immediately** and **Start backup server** are selected by default. Keep the default settings.

Step 11 Click **Finish**. The eSight server installation is complete.

----End

3.4 Log In to the eSight Server from a Client

This topic describes how to log in to the eSight server from a client.

Prerequisite

The eSight server installation has been completed.

Procedure

Step 1 Verify that the following shortcut icons are displayed on the desktop:

- start eSight

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- shutdown eSight

Step 2 Check whether the eSight service has started. If the eSight service has not started, perform the following steps to start it:

Double-click the **start eSight** shortcut icon on the desktop or choose **Start** > **All Programs** > **eSight** > **start eSight**.

If **Daemon is already running** is displayed, the eSight service has been started. Otherwise, wait until the eSight service starts. When the status of every process is **started** and **Finished** is displayed, the eSight service has been started.

Step 3 Log in to the eSight server from the client.

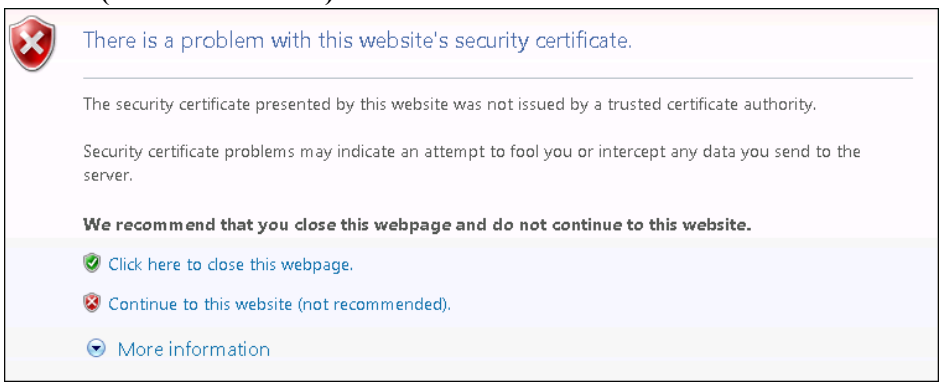
- Log in to the eSight server from the Window Internet Explorer 8.

1. Open the Internet Explorer.
2. Choose **Tools** from the main menu.
3. Select **Compatibility View**.
4. In the **Compatibility View Settings** dialog box, clear the **Display intranet sites in Compatibility View** and **Display all websites in Compatibility View** check boxes.
5. Click **Close**.
6. Choose **Tools** > **Internet Options** > **Security** > **Custom Level** from the main menu.
7. Locate the **Downloads** node. In **Automatic prompting for file downloads**, select **Enable**.
8. Click **OK**.
9. In the address box, enter **http://*eSight server IP address*:*port number***, and press **Enter**.

CAUTION

If the server has multiple IP addresses, enter the IP address selected during eSight server installation in the address box. If another IP address is entered, access to the server fail.

10. **Optional:** If you log in to the eSight server for the first time, the message "There is a problem with this website's security certificate." is displayed. Click **Continue to this website (not recommended).**



11. **Optional:** On the left of the address bar, click **Certificate Error**.
12. **Optional:** In the **Untrusted Certificate** dialog box, click **View certificates**.

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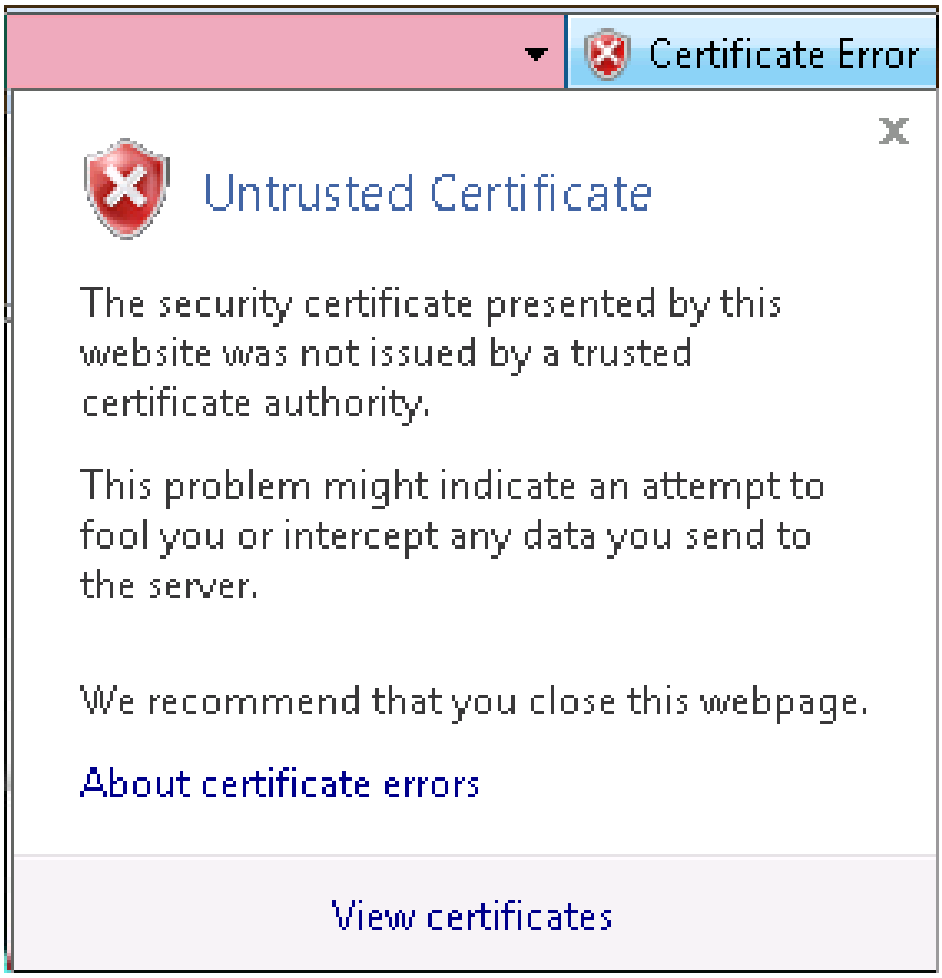

13. **Optional:** In the **Certificate** dialog box, select the **General** tab and click **Install Certificate...**.

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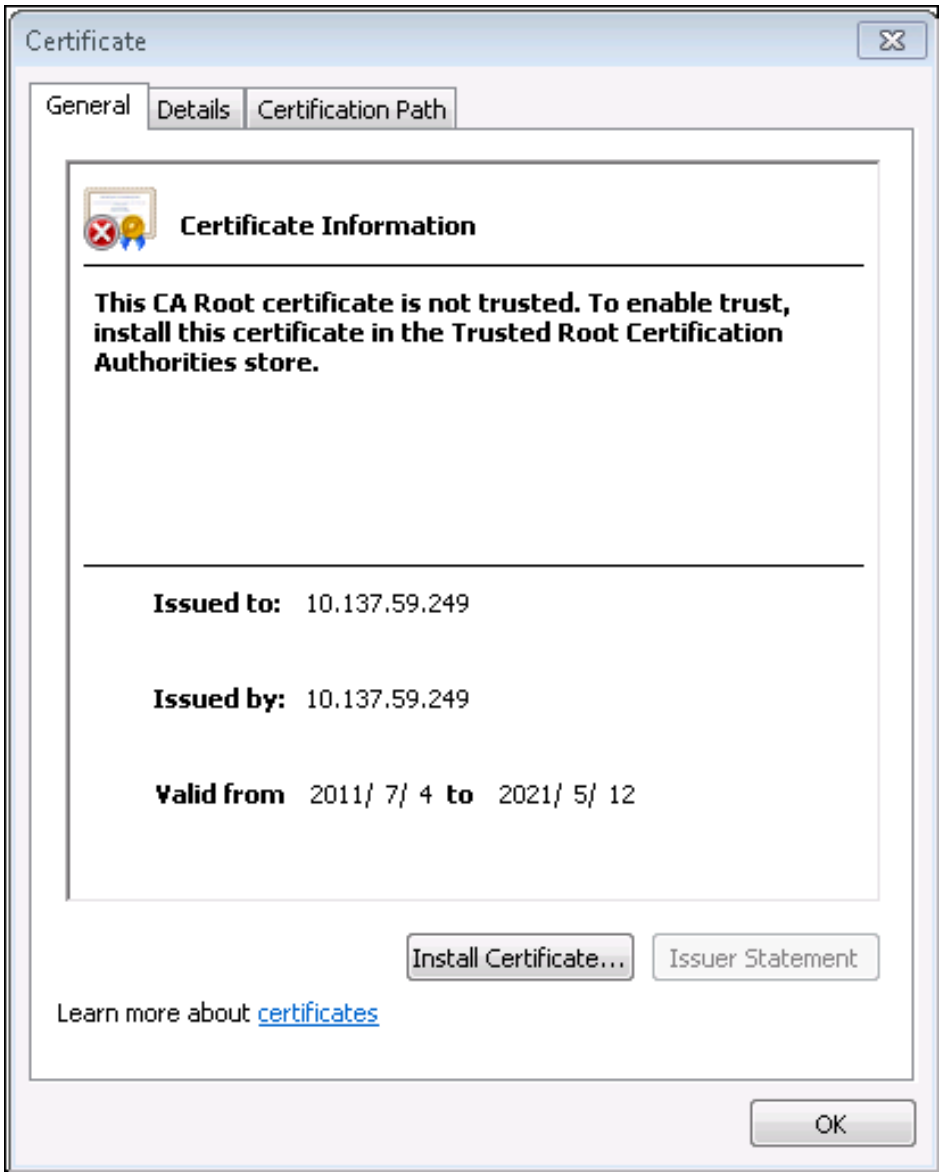

14. **Optional:** In the **Certificate Import Wizard** dialog box, click **Next**.

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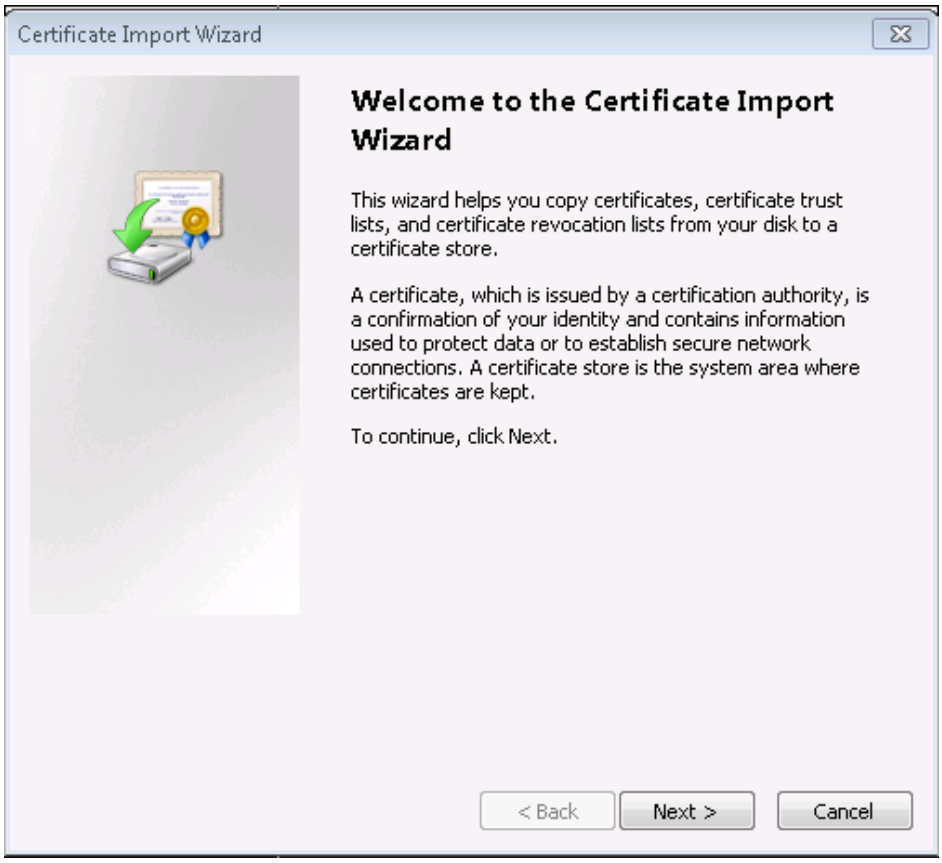

15. **Optional:** In the **Certificate Store** dialog box, choose **Place all certificates in the following store**.

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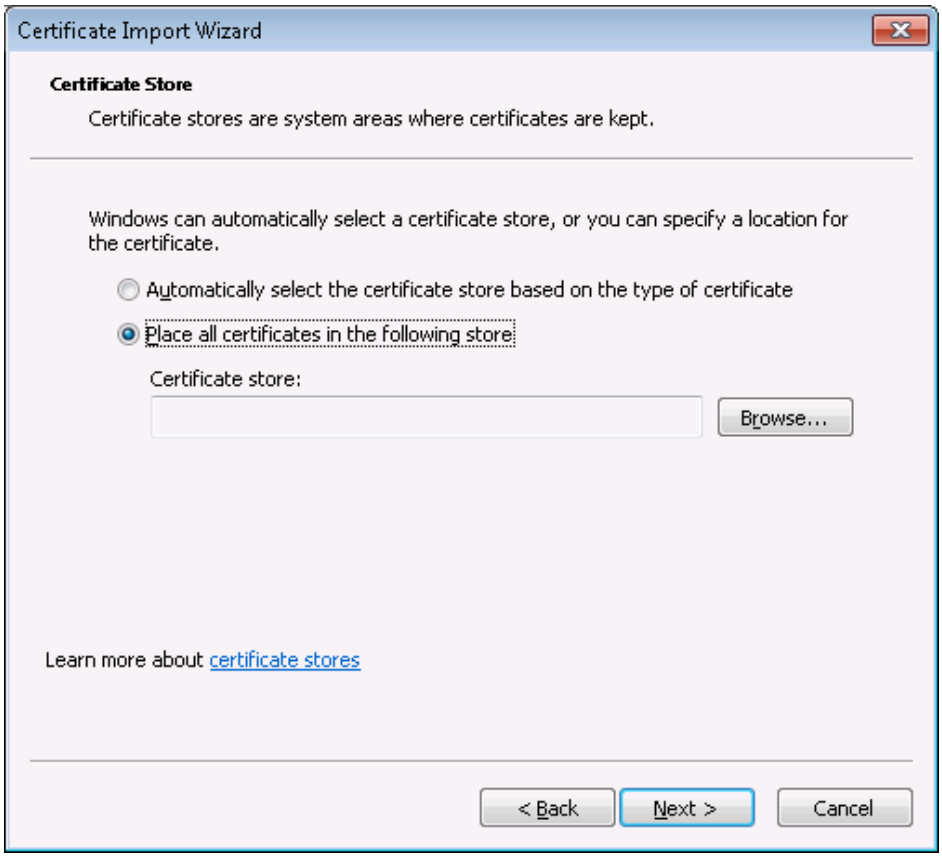
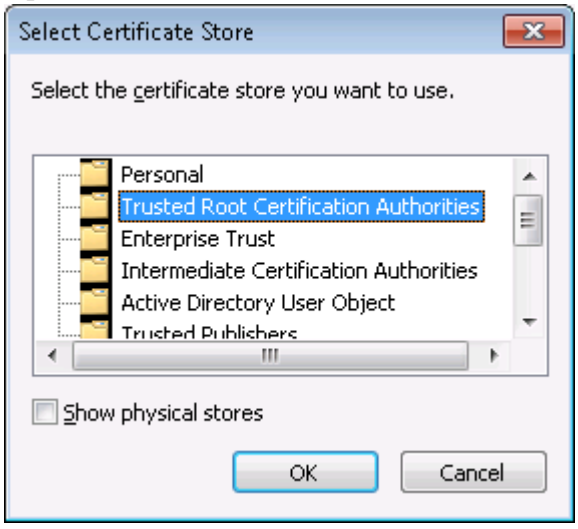


16. **Optional:** Click **Browse**, choose **Trusted Root Certification Authorities**.



17. **Optional:** Click **OK**.
18. **Optional:** Click **Next**.
19. **Optional:** Click **Finish**.
20. **Optional:** In the **Security Warning** dialog box, click **Yes**.
21. **Optional:** Click **OK** to complete certificate import.
22. **Optional:** Restart the Window Internet Explorer 8, enter **http://*eSight server IP address*:*port number*** in the address box, and press **Enter**.
23. Enter the user name **admin** and the default password **admin**, and click **Log In**.

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- Log in to the eSight server from the Firefox 3.6.
  1. In the address box, enter **http://*eSight server IP address*:*port number***, and press **Enter**.
  2. **Optional:** If you log in to the eSight server for the first time, the message "This Connection is Untrusted" is displayed. Click **I Understand the Risks**.
  3. **Optional:** Click **Add Exception...**.
  4. **Optional:** Select **Permanently store this exception** and click **Confirm Security Exception**.
  5. Enter the user name **admin** and the default password **admin**, and click **Log In**.

----End

3.5 Registering Software

This topic describes how to apply for and load an eSight license.

3.5.1 Applying for an eSight License

A license file is an authentication file that a special encryption tool generates based on the information about the contract that a user signs with Huawei and the information about the server where the eSight is installed. A license file is sent to users by email and the user manually loads it to the eSight to activate the eSight use permission. This topic describes how to apply for an eSight license.

Procedure

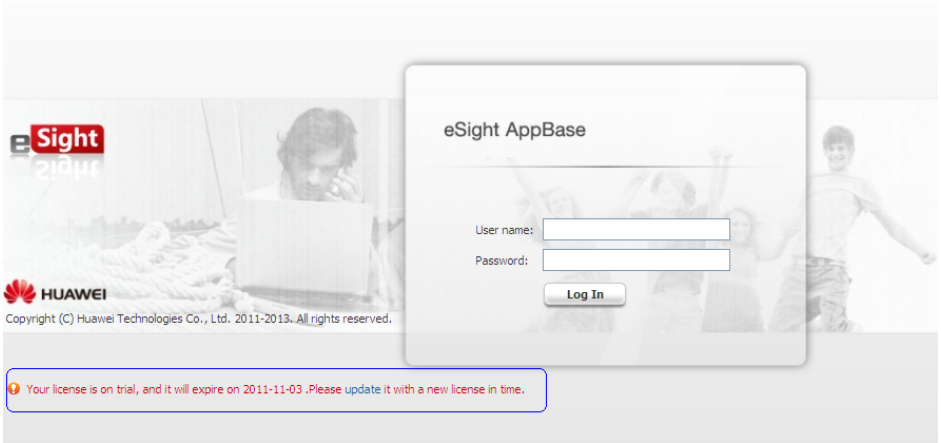
Step 1 Obtain the contract information.

The soft copy of Huawei license authentication certificate is delivered along with the eSight. Obtain the contract number, license authentication code (LAC), product name, and product model from Huawei license authentication certificate.

Step 2 Obtain the server equipment serial number (ESN).

An ESN is a string that uniquely identifies a device. It is used to ensure that the license is granted to the specified device.

1. Open the eSight login window.



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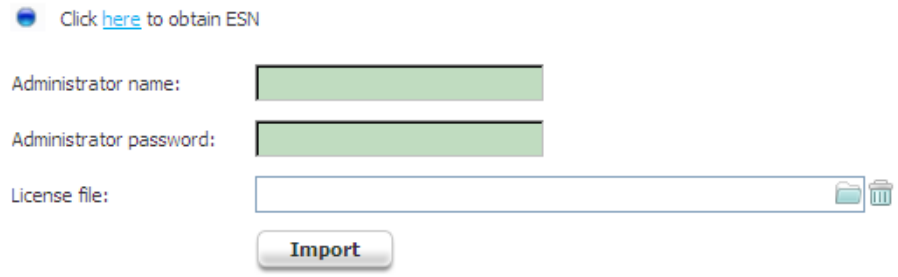
2. Click **update**.

   Access the initial license importing page.

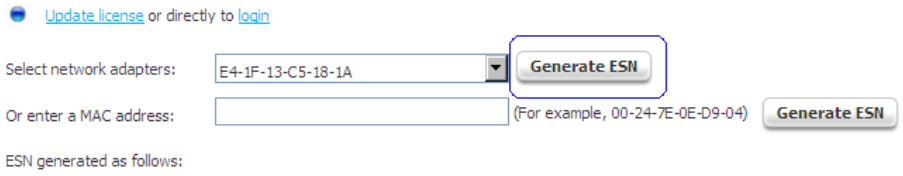


3. Click **here**.

   Access the ESN generation page.

4. The eSight automatically recognizes the NIC information about the server on which the eSight installed. Click **Generate ESN** on the right of **Select network adapters**.

   Record the generated ESN.



NOTE

If the server is equipped with multiple NICs, record the ESNs for all the NICs.

Step 3 Apply for an eSight license.

Send a mail to the local Huawei eSight product manager or the eSight license contact person (Chen Keming, email: ckm@huawei.com) according to the following information. After you send the email, the license application is complete. Please wait for Huawei eSight to send the license authorization file.

Set the following parameters:

- Agent name: Set it as required.
- Applicant: Set it as required.
- Telephone number: Set it as required.
- Email address: Set it as required. The email address is used to receive license files. Ensure that the email address is correct.
- Contract number: Enter the contract number obtained in 2.1 Obtaining Contract Information.
- Office name: Set it as required.
- Office type: Use the default value New office.
- Product name: Enter the product name obtained in 2.1 Obtaining Contract Information.
- Product model: Enter the product model obtained in 2.1 Obtaining Contract Information.

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- ESN: Enter the ESN obtained in 2.2 Obtaining a Server ESN. If multiple network adapters exist, separate ESNs with commas (,).
- LAC: optional. For details, see the authorization certificate.
- Upload attachment: Upload the electronic eSight authorization certificate.
- Application description: Set it as required.

----End

3.5.2 Loading an eSight License

This topic describes how to load an eSight license.

Prerequisite

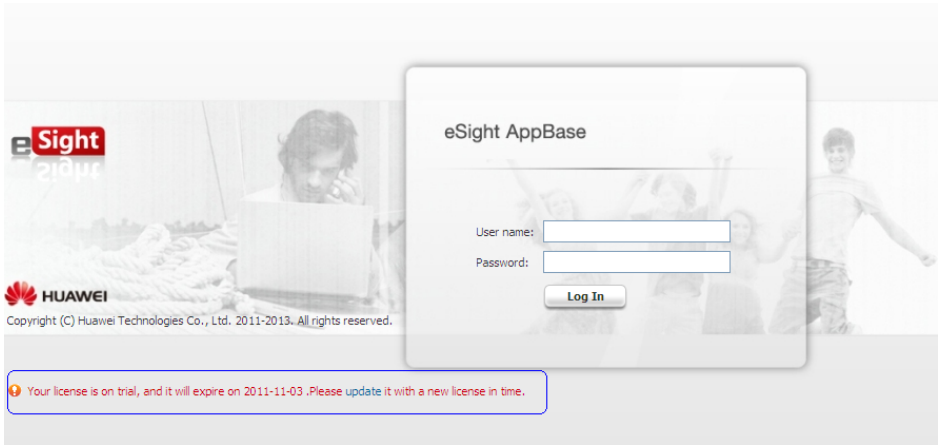
A correct eSight license file must have been obtained.

NOTE

The license file name cannot contain any space. If the name contains a space, uploading or updating the license file will fail. If the name of the obtained license file contains spaces, delete the spaces or change them to _ before using the license file.

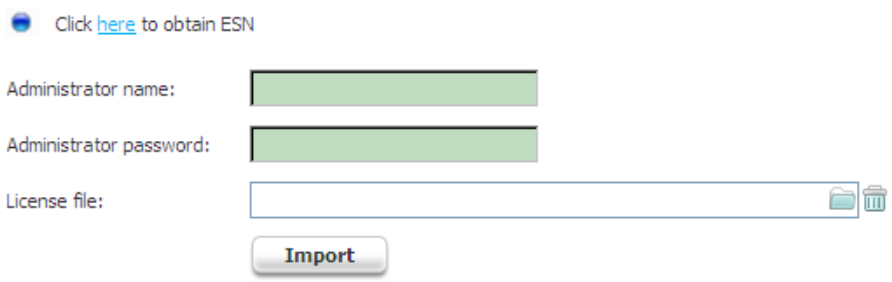
Procedure

Step 1 Open the eSight login window.



Step 2 Click **update**.

Access the initial license importing page.



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Step 3 Enter a user name and a password, and select the local path in which the license file is stored.

- Administrator name: The default value is **admin**.
- Administrator password: The default value is **admin**.
- License file: Select the local path in which the license file is stored.

Step 4 Click **Import**.

The license file is loaded, and the window switches to the eSight login window.

----End

3.6 Uninstalling eSight

This topic describes how to uninstall eSight.

Context

When eSight is uninstalled, the eSight database is deleted. To save the eSight database data, back up files in the **backupdata\history** directory that is in the same directory as the eSight installation path in advance.

Procedure

Step 1 Choose **Start** > **All Programs** > **eSight** > **shutdown eSight**.

Step 2 Choose **Start** > **All Programs** > **eSight** > **uninstall**.

Step 3 In the dialog box that is displayed, select the component to uninstall, and click **Next**.

Step 4 In the **Confirm** dialog box that is displayed, click **Yes**.

Step 5 In the **Uninstallation Completed** dialog box that is displayed, click **Finish**.

----End

Follow-up Procedure

1. Verify that the eSight shortcut icon on the desktop is deleted automatically.
2. Verify that the eSight installation path is deleted automatically.

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4 Installing the eSight Professional Editions (Windows)

About This Chapter

This topic describes how to install the eSight professional editions in the Windows Server 2008 operating systems.

4.1 Installation Process

4.2 Preparing for the Installation
This topic describes how to prepare for the installation, including software and hardware configuration requirements, and how to obtain required software.

4.3 Installing the eSight Server
This topic describes how to install the eSight server.

4.4 Log In to the eSight Server from a Client
This topic describes how to log in to the eSight server from a client.

4.5 Registering Software
This topic describes how to apply for and load an eSight license.

4.6 Uninstalling eSight
This topic describes how to uninstall eSight.

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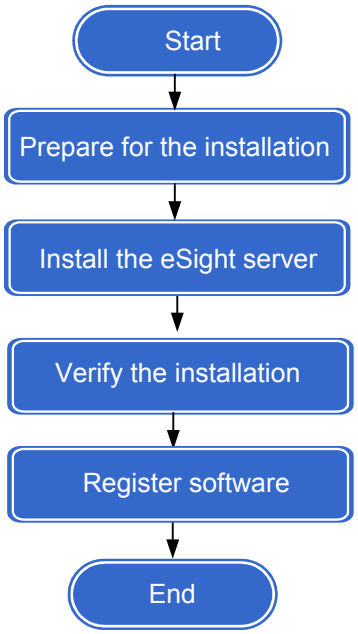
4.1 Installation Process

- Preinstallation scheme: The operating system and eSight system has been preinstalled on the eSight server delivered to the site. For details about the default information configured before the delivery, see **4.2.2 Installation Plan**.
- Full-installation scheme: If you use a self-purchased server or the eSight system needs to be reinstalled, see the installation process described in this document.

The following figure shows the eSight server installation process.

Figure 4-1 eSight server installation process



NOTE

In Windows Server 2008, the MySQL database is automatically installed along with the eSight software. Manual operations are not required.

The following table lists installation stages.

Table 4-1 Installation process description

No.	Installation Description	Reference
1	Describes how to prepare for the installation, including software and hardware configuration requirements, and how to obtain required software.	**4.2 Preparing for the Installation**
2	Describes how to install the eSight server.	**4.3 Installing the eSight Server**

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No.	Installation Description	Reference
3	Describes how to log in to the eSight server from a client.	**4.4 Log In to the eSight Server from a Client**
4	Describes how to apply for and load an eSight license.	**4.5 Registering Software**

4.2 Preparing for the Installation

This topic describes how to prepare for the installation, including software and hardware configuration requirements, and how to obtain required software.

4.2.1 Configuration Requirements

This topic describes the configuration requirements on the eSight server.

The following table lists configuration requirements on the eSight server (professional edition).

Table 4-2 Configuration requirements on the eSight server (professional edition)

Server Configuration	Factory Configuration	Management Capacity (Number of NEs)	Java Heap Size	Operating System	Database	Client Configuration
CPU: 1*dual-core 2 GHz or above Memory: 4 GB Disk space: 40 GB	PC server-IBM X3650M3-Xeon quadri-core E5506 2.13G or above-4G (1x4G)	0-200	1.5 GB	Windows Server 2008R2 standard (64 bits)	MySql 5.5	● Internet Explorer 8 ● Firefox 3.6 **NOTE** Use either of the preceding browsers.
CPU: 2*dual-core 2 GHz or above Memory: 4 GB Disk space: 60 GB		200-500				

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Server Configuration	Factory Configuration	Management Capacity (Number of NEs)	Java Heap Size	Operating System	Database	Client Configuration
CPU: 2*quadri-core 2 GHz or above Memory: 8 GB Disk space: 120 GB	PC server-IBM X3650M3-2 *Xeon quadri-core E5506 2.13G or above-8G (2x4G)	500-2000	3 GB			

4.2.2 Installation Plan

This topic describes how to plan installation information, such as the IP address, host name, and password, to help correctly install the eSight system.

- When the preinstallation scheme is used, information such as the IP address and password described in this topic is the default information after the preinstallation. Modify the information based on your site environment.
- When the full-installation scheme is used, information such as the IP address and password described in this topic is for your reference. Modify the information based on your site environment.

Plan for User Names and Passwords

Table 4-3 Plan for user names and passwords

Item	User Name	Password
Windows operating system	administrator	Changeme123
eSight software	admin	admin **NOTE** The eSight system prompts you to change the password at first login.

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Plan for Host Names and IP Addresses

Table 4-4 Plan for host names and IP addresses

Item	Setting
Host name	eSightServer **NOTE** When the eSight server is delivered to the site, the host name of the server can be modified as required.
IP address	129.9.1.1 **NOTE** When the eSight server is delivered to the site, change the IP address of the operating system based on your site environment. Then synchronize the IP address of the operating system to the eSight server by referring to **6.3 Synchronizing the eSight Server IP Address to eSight**.
Subnet mask	255.255.255.0
Default gateway	129.9.1.254

Plan for Disk Partitions

Table 4-5 Plan for disk partitions

Disk	Partition Size	Used To
Drive C	100 GB	Install the operating system.
Drive D	Remaining space	Install the database and eSight system.

Plan for Installation Paths

Table 4-6 Plan for installation paths

Software	Installation Path
eSight	D:\eSight

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Plan for the Time Zone

Table 4-7 Plan for the time zone

Item	Setting
Time zone	GMT+08:00 **NOTE** When the eSight server is delivered to the site, change the time zone and time based on your site environment.

4.2.3 Obtaining Required Software

This topic describes how to obtain required software.

The eSight server can be installed in either of the following ways:

- Using CD-ROMs: Obtain the required CD-ROMs.
- Using installation packages: Obtain the required installation packages.

Using CD-ROMs

Obtain the following CD-ROMs:

Table 4-8 CD-ROM list

Software	CD-ROM
Windows installation software	Windows Server 2008 R2 Standard
eSight installation software of professional edition	eSight application platform (professional edition)

Using Installation Packages

Method of obtaining installation packages:

Go to the enterprise network website http://www.huawei.com/enterprise.

To download eSight installation software of professional edition, choose **SUPPORT** > **Software Download** > **Network Management** > **eSight**.

Obtain the following installation packages:

NOTE

In an installation package, ***version*** indicates the detailed version number of the eSight.

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Table 4-9 Software list (professional edition)

Software	Name	Description
eSight installation software (professional edition)	eSight_AppBase_***version***_ Professional_Win.zip	This software is mandatory and is used to install the eSight professional edition.

4.3 Installing the eSight Server

This topic describes how to install the eSight server.

Prerequisite

- The operating system has been installed on an eSight server host.
- Installation software has been obtained. For details, see **4.2.3 Obtaining Required Software**.
- The network adapter is enabled.
- The eSight server IP address has been set.

Context

The MySQL database will be installed along with the eSight software. Therefore, you do not need to install the MySQL database. The system will install a new MySQL database in the eSight installation directory, which does not affect the existing MySQL database.

CAUTION

The eSight installation files must be placed on the local PC.

Procedure

Step 1 Log in to the Windows operating system as the **administrator** user.

Step 2 Double-click the **setup.exe** file to start eSight installation.

- Method one: Use CD-ROMs.
  1. Put the CD-ROM into the CD-ROM drive, and double-click the **setup.exe** file in the CD-ROM root directory.
  2. The **Select Language** dialog box is displayed.
- Method two: Use installation packages.
  1. Decompress all installation packages to a same directory. Take WinRAR files as an example. Select all required packages, right-click, and choose **Extract Here** from the shortcut menu.

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CAUTION

To ensure successful eSight server installation, verify that all installation path names (installation package path and eSight installation path) contain only the following characters: letters, digits, underscores (_), and spaces.

2. Double-click the **setup.exe** file in the installation package directory.
3. The **Select Language** dialog box is displayed.

Step 3 Select **English** and click **OK**.

The **Introduction** dialog box is displayed.

NOTE

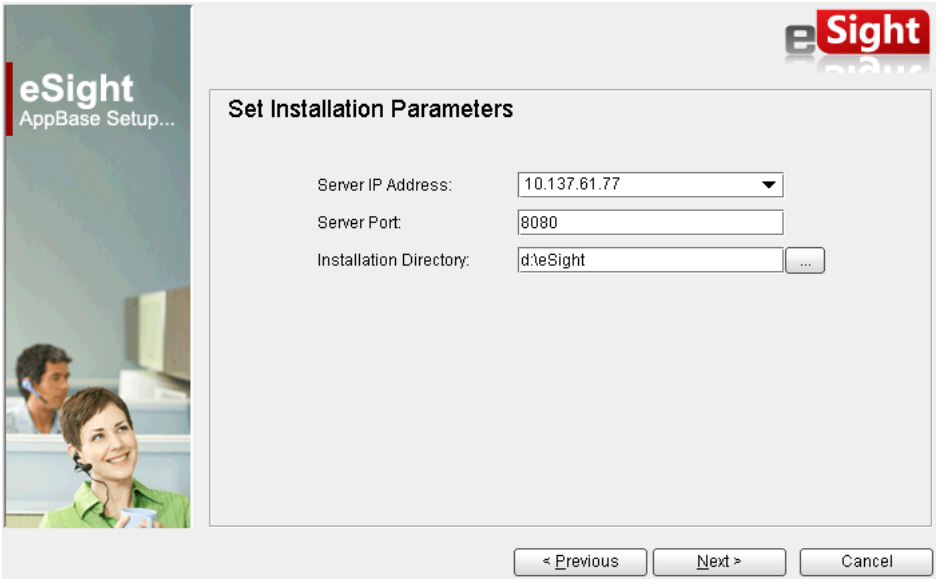
The system automatically checks whether the current environment meets requirements for installing eSight software. If the current environment does not meet the requirements, the associated message is displayed.

Step 4 Click **Next**.

The **Copyright Notice** dialog box is displayed.

Step 5 Select **I accept these terms**, and click **Next**.

The **Set Installation Parameters** dialog box is displayed.



NOTE

- **IP Address**: Default IP address of the eSight server host. If the server has multiple IP addresses, select a public IP address from the drop-down list box.
- **Port**: The default port number is **8080**. If the port is in use, change it to another port number.
- **Installation Directory**: eSight server installation directory, which can be manually changed.

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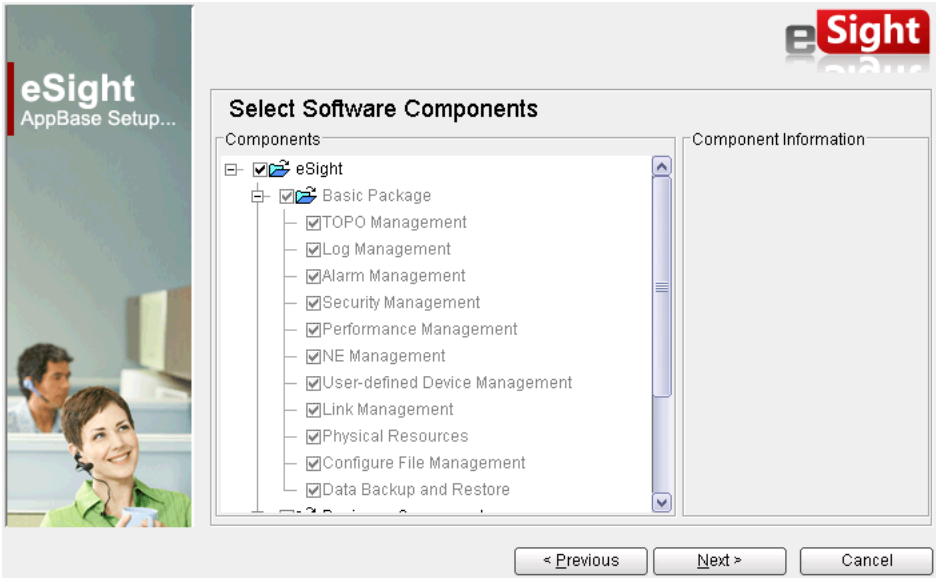
CAUTION

To ensure successful eSight server installation, verify that the eSight server installation directory is empty before the installation.

Step 6 Click **Next**.

The **Select Software Components** dialog box is displayed.



NOTE

- Components under **Basic Package** are in gray by default, and must be installed.
- Select required components under **Business Component**. eSight components support incremental installation. If a component is not installed during the first eSight server installation, it can be installed during the next eSight server installation.
- To install the eSight server professional edition, select **Hierarchical OSS Manager**.

Step 7 Click **Next**.

The **Database Parameters** dialog box is displayed.

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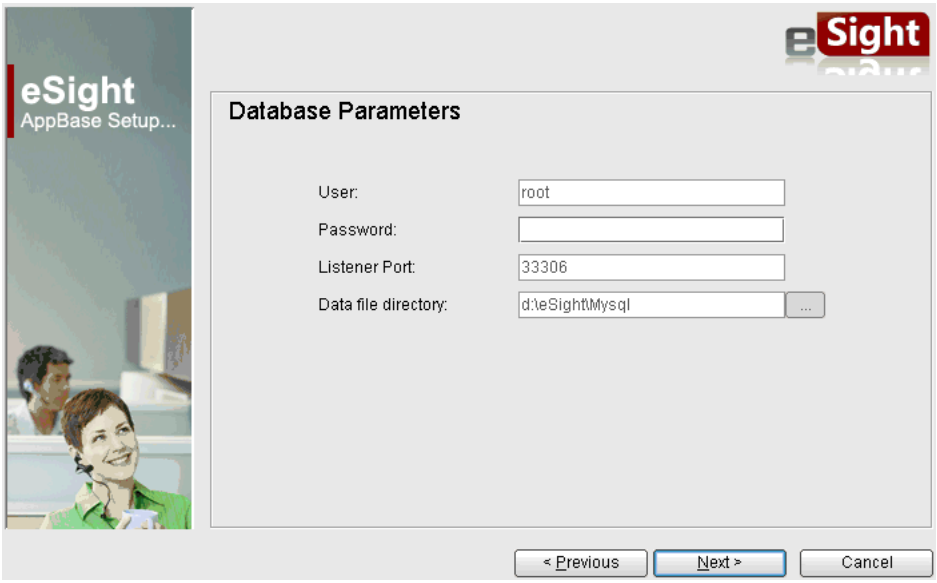

Step 8 Enter the password of the user **root**, and click **Next**.

NOTE

When installing the eSight for the first time, enter the **root** user password. In the case of incremental installation, the password input box is dimmed and you do not need to enter the password.

The **Confirm Installation** dialog box is displayed.

Step 9 Verify the installation information, and click **Next**.

NOTE

If the installation information is incorrect, click **Previous** to reset installation information.

Step 10 The system starts to install the eSight server. After about 5 minutes, the **Installation Completed** dialog box is displayed.

NOTE

In the **Installation Completed** dialog box, **Start eSight immediately** and **Start backup server** are selected by default. Keep the default settings.

Step 11 Click **Finish**. The eSight server installation is complete.

----End

4.4 Log In to the eSight Server from a Client

This topic describes how to log in to the eSight server from a client.

Prerequisite

The eSight server installation has been completed.

Procedure

Step 1 Verify that the following shortcut icons are displayed on the desktop:

- start eSight

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- shutdown eSight

Step 2 Check whether the eSight service has started. If the eSight service has not started, perform the following steps to start it:

Double-click the **start eSight** shortcut icon on the desktop or choose **Start** > **All Programs** > **eSight** > **start eSight**.

If **Daemon is already running** is displayed, the eSight service has been started. Otherwise, wait until the eSight service starts. When the status of every process is **started** and **Finished** is displayed, the eSight service has been started.

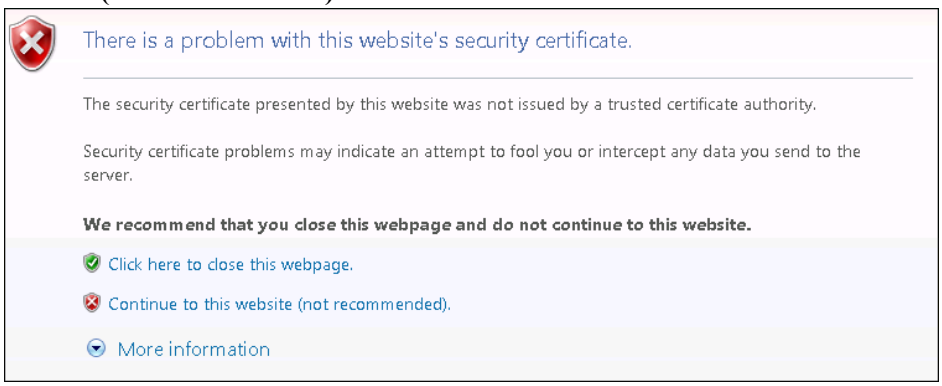
Step 3 Log in to the eSight server from the client.

- Log in to the eSight server from the Window Internet Explorer 8.
  1. Open the Internet Explorer.
  2. Choose **Tools** from the main menu.
  3. Select **Compatibility View**.
  4. In the **Compatibility View Settings** dialog box, clear the **Display intranet sites in Compatibility View** and **Display all websites in Compatibility View** check boxes.
  5. Click **Close**.
  6. Choose **Tools** > **Internet Options** > **Security** > **Custom Level** from the main menu.
  7. Locate the **Downloads** node. In **Automatic prompting for file downloads**, select **Enable**.
  8. Click **OK**.
  9. In the address box, enter **http://*eSight server IP address*:*port number***, and press **Enter**.

CAUTION

If the server has multiple IP addresses, enter the IP address selected during eSight server installation in the address box. If another IP address is entered, access to the server fail.

  10. **Optional:** If you log in to the eSight server for the first time, the message "There is a problem with this website's security certificate." is displayed. Click **Continue to this website (not recommended).**



  11. **Optional:** On the left of the address bar, click **Certificate Error**.
  12. **Optional:** In the **Untrusted Certificate** dialog box, click **View certificates**.

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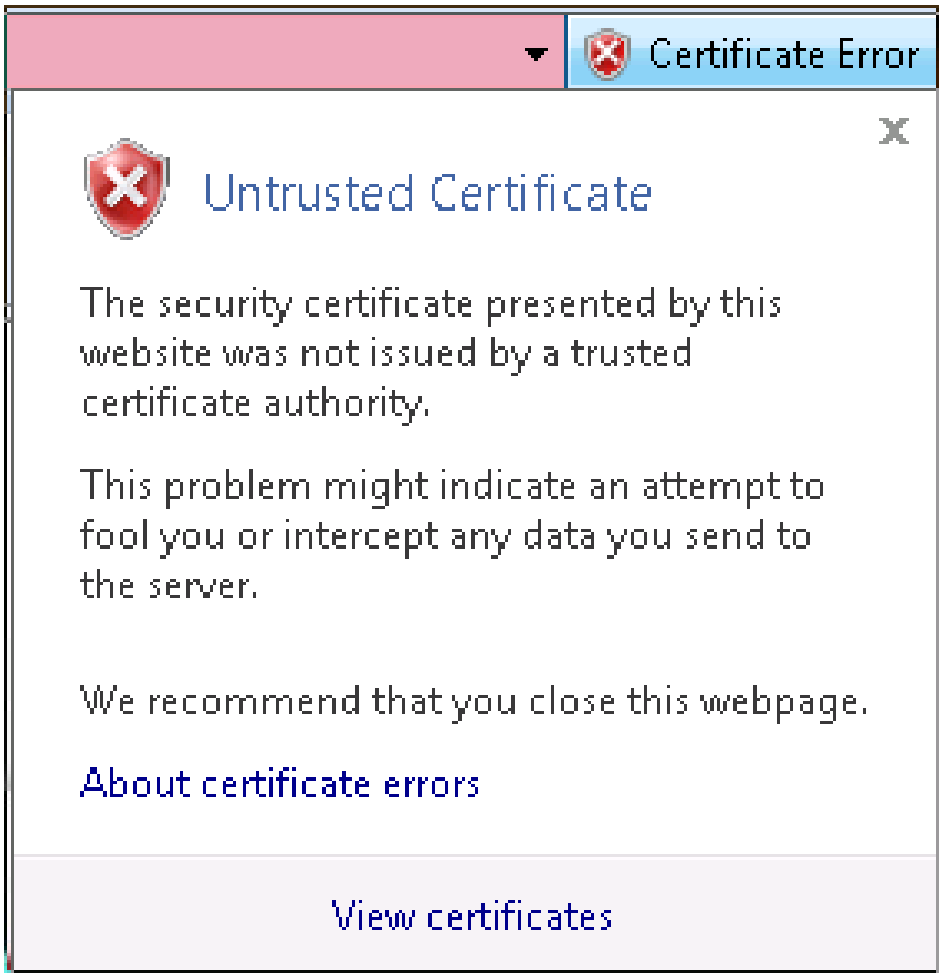

13. **Optional:** In the **Certificate** dialog box, select the **General** tab and click **Install Certificate...**.

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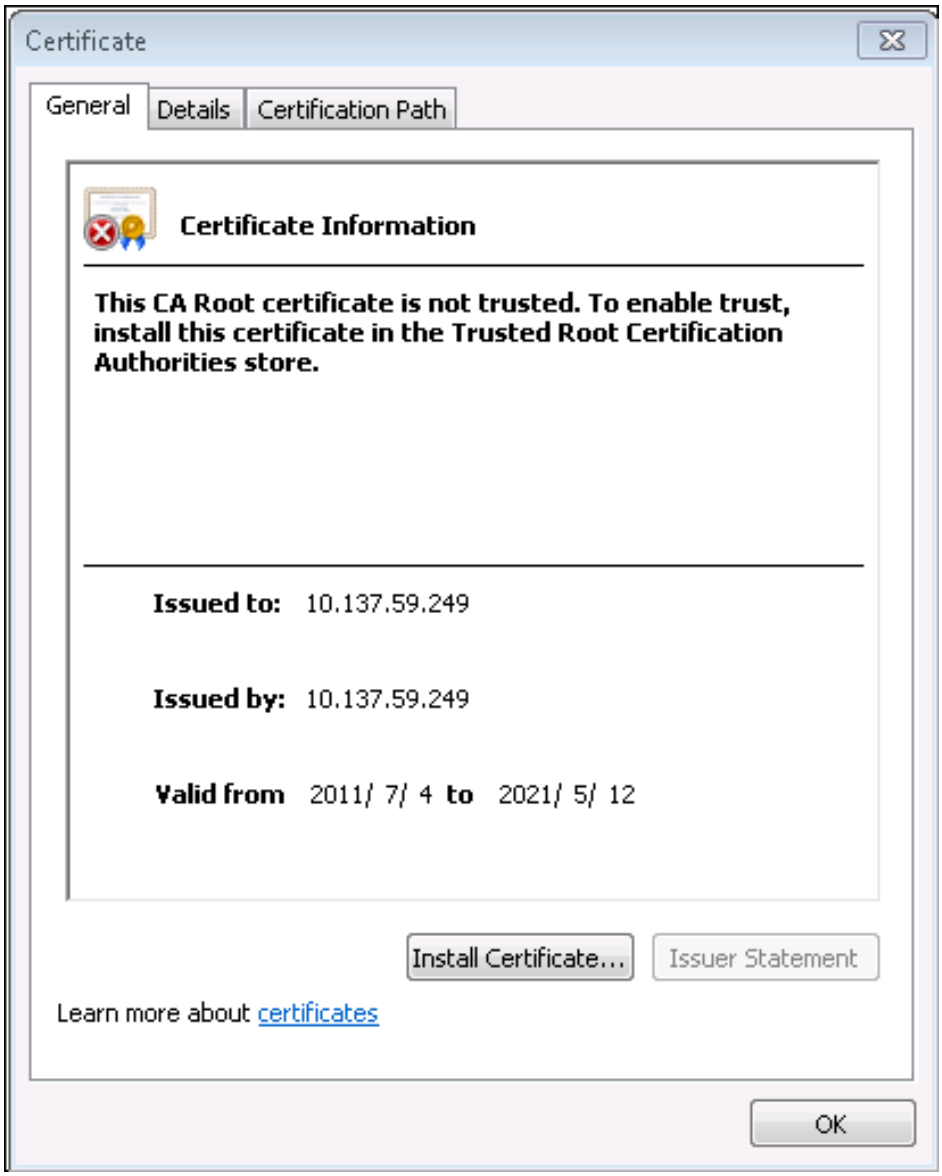

14. **Optional:** In the **Certificate Import Wizard** dialog box, click **Next**.

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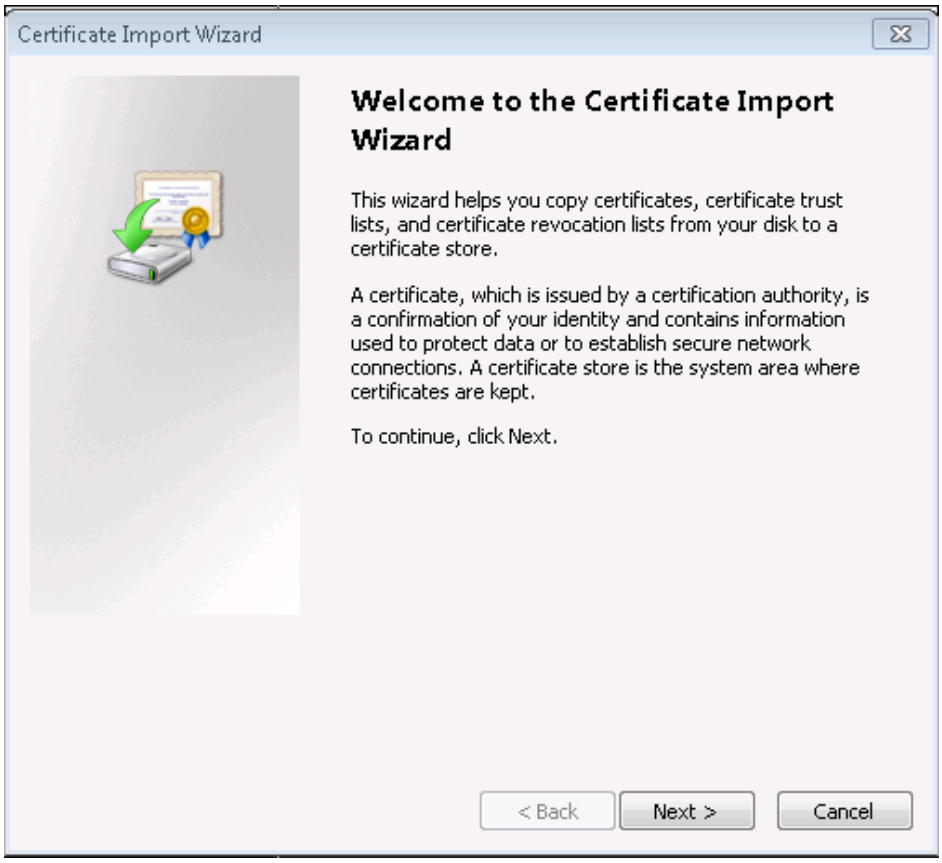

15. **Optional:** In the **Certificate Store** dialog box, choose **Place all certificates in the following store**.

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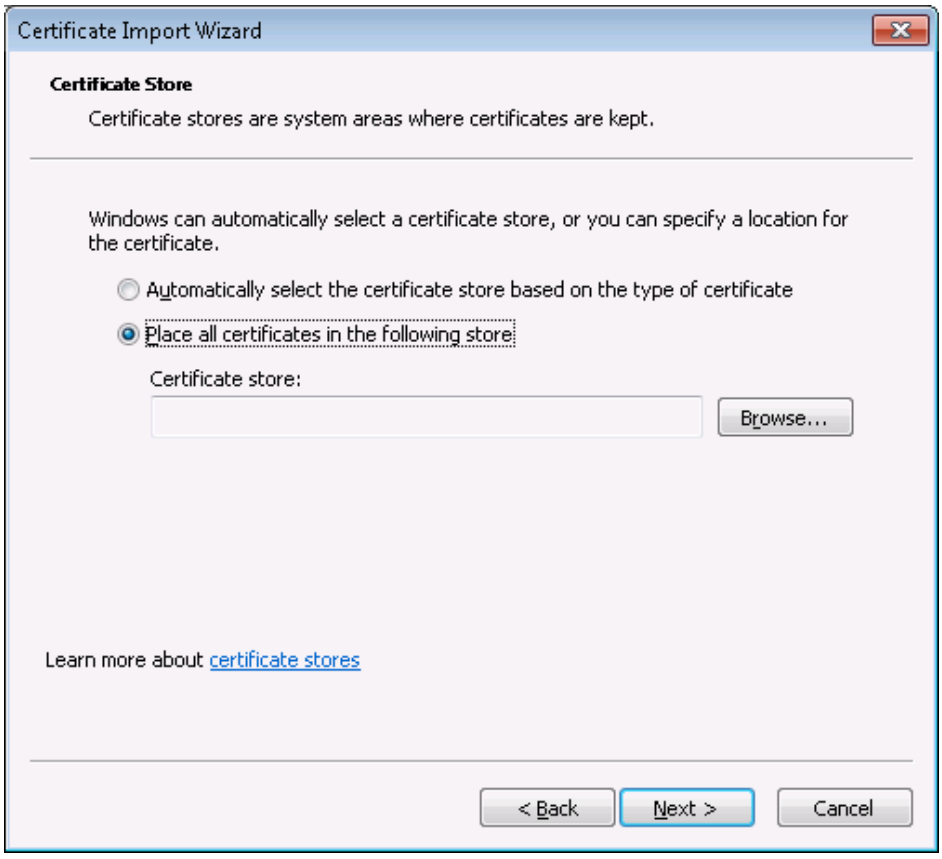
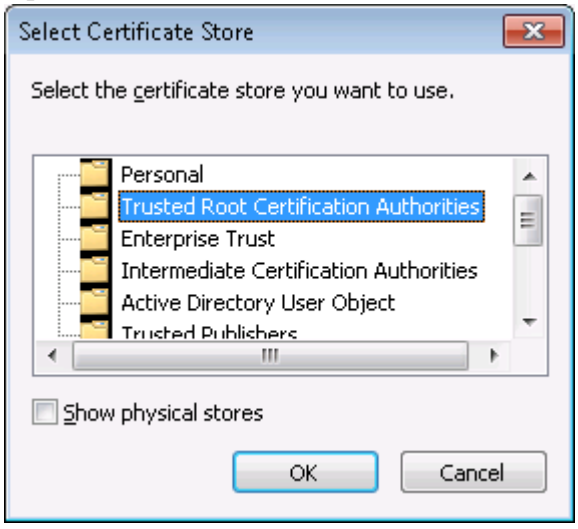


16. **Optional:** Click **Browse**, choose **Trusted Root Certification Authorities**.



17. **Optional:** Click **OK**.
18. **Optional:** Click **Next**.
19. **Optional:** Click **Finish**.
20. **Optional:** In the **Security Warning** dialog box, click **Yes**.
21. **Optional:** Click **OK** to complete certificate import.
22. **Optional:** Restart the Window Internet Explorer 8, enter **http://*eSight server IP address*:*port number*** in the address box, and press **Enter**.
23. Enter the user name **admin** and the default password **admin**, and click **Log In**.

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- Log in to the eSight server from the Firefox 3.6.
  1. In the address box, enter **http://*eSight server IP address*:*port number***, and press **Enter**.
  2. **Optional:** If you log in to the eSight server for the first time, the message "This Connection is Untrusted" is displayed. Click **I Understand the Risks**.
  3. **Optional:** Click **Add Exception...**.
  4. **Optional:** Select **Permanently store this exception** and click **Confirm Security Exception**.
  5. Enter the user name **admin** and the default password **admin**, and click **Log In**.

----End

4.5 Registering Software

This topic describes how to apply for and load an eSight license.

4.5.1 Applying for an eSight License

A license file is an authentication file that a special encryption tool generates based on the information about the contract that a user signs with Huawei and the information about the server where the eSight is installed. A license file is sent to users by email and the user manually loads it to the eSight to activate the eSight use permission. This topic describes how to apply for an eSight license.

Procedure

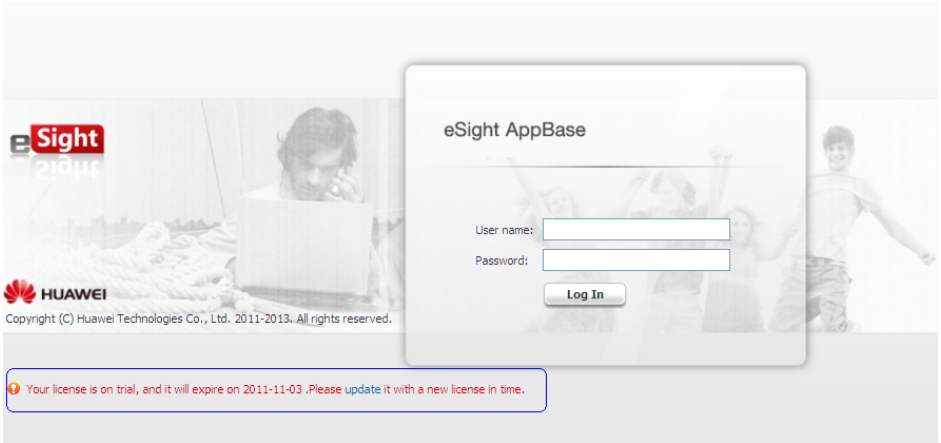
Step 1 Obtain the contract information.

The soft copy of Huawei license authentication certificate is delivered along with the eSight. Obtain the contract number, license authentication code (LAC), product name, and product model from Huawei license authentication certificate.

Step 2 Obtain the server equipment serial number (ESN).

An ESN is a string that uniquely identifies a device. It is used to ensure that the license is granted to the specified device.

1. Open the eSight login window.



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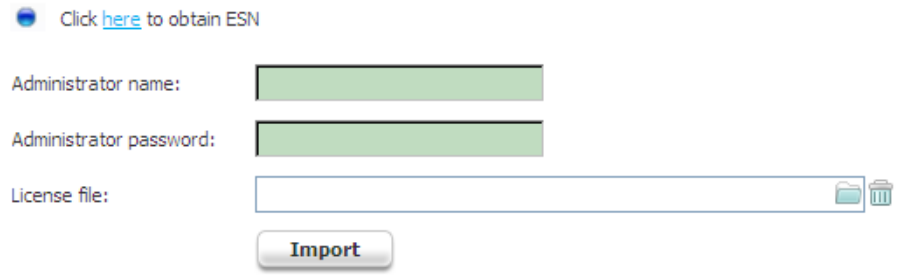
2. Click **update**.

   Access the initial license importing page.



3. Click **here**.

   Access the ESN generation page.

4. The eSight automatically recognizes the NIC information about the server on which the eSight installed. Click **Generate ESN** on the right of **Select network adapters**.

   Record the generated ESN.

NOTE

If the server is equipped with multiple NICs, record the ESNs for all the NICs.

Step 3 Apply for an eSight license.

Send a mail to the local Huawei eSight product manager or the eSight license contact person (Chen Keming, email: ckm@huawei.com) according to the following information. After you send the email, the license application is complete. Please wait for Huawei eSight to send the license authorization file.

Set the following parameters:

- Agent name: Set it as required.
- Applicant: Set it as required.
- Telephone number: Set it as required.
- Email address: Set it as required. The email address is used to receive license files. Ensure that the email address is correct.
- Contract number: Enter the contract number obtained in 2.1 Obtaining Contract Information.
- Office name: Set it as required.
- Office type: Use the default value New office.
- Product name: Enter the product name obtained in 2.1 Obtaining Contract Information.
- Product model: Enter the product model obtained in 2.1 Obtaining Contract Information.

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- ESN: Enter the ESN obtained in 2.2 Obtaining a Server ESN. If multiple network adapters exist, separate ESNs with commas (,).
- LAC: optional. For details, see the authorization certificate.
- Upload attachment: Upload the electronic eSight authorization certificate.
- Application description: Set it as required.

----End

4.5.2 Loading an eSight License

This topic describes how to load an eSight license.

Prerequisite

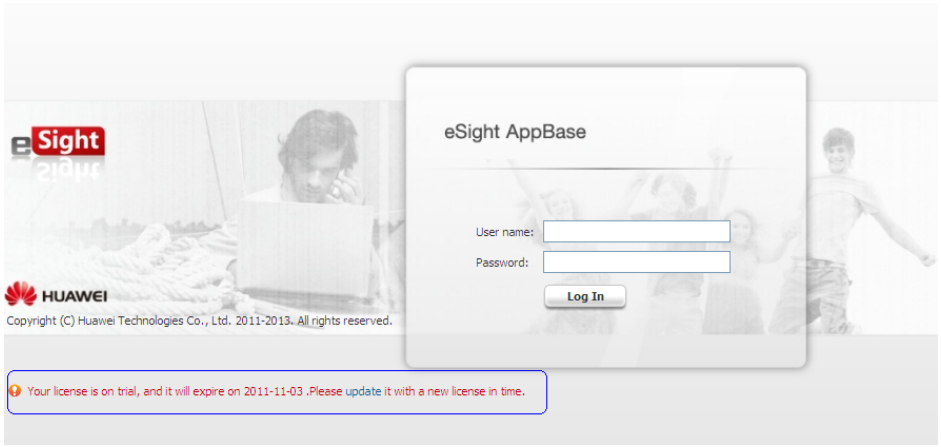
A correct eSight license file must have been obtained.

NOTE

The license file name cannot contain any space. If the name contains a space, uploading or updating the license file will fail. If the name of the obtained license file contains spaces, delete the spaces or change them to _ before using the license file.

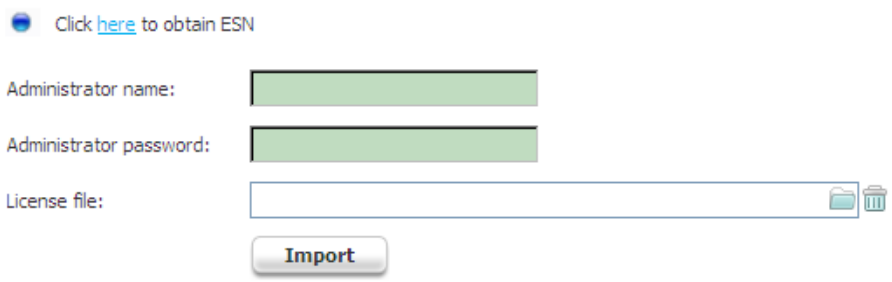
Procedure

Step 1 Open the eSight login window.



Step 2 Click **update**.

Access the initial license importing page.



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Step 3 Enter a user name and a password, and select the local path in which the license file is stored.

- Administrator name: The default value is **admin**.
- Administrator password: The default value is **admin**.
- License file: Select the local path in which the license file is stored.

Step 4 Click **Import**.

The license file is loaded, and the window switches to the eSight login window.

----End

4.6 Uninstalling eSight

This topic describes how to uninstall eSight.

Context

When eSight is uninstalled, the eSight database is deleted. To save the eSight database data, back up files in the **backupdata\history** directory that is in the same directory as the eSight installation path in advance.

Procedure

Step 1 Choose **Start** > **All Programs** > **eSight** > **shutdown eSight**.

Step 2 Choose **Start** > **All Programs** > **eSight** > **uninstall**.

Step 3 In the dialog box that is displayed, select the component to uninstall, and click **Next**.

Step 4 In the **Confirm** dialog box that is displayed, click **Yes**.

Step 5 In the **Uninstallation Completed** dialog box that is displayed, click **Finish**.

----End

Follow-up Procedure

1. Verify that the eSight shortcut icon on the desktop is deleted automatically.
2. Verify that the eSight installation path is deleted automatically.

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5 Installing the eSight Professional Editions (SUSE Linux)

About This Chapter

This topic describes how to install the eSight professional editions in the SuSE Linux operating systems.

5.1 Installation Process

5.2 Preparing for the Installation
This topic describes how to prepare for the installation, including software and hardware configuration requirements, and how to obtain required software.

5.3 Installing the Oracle Database
Before installing eSight professional edition on SUSE Linux, install the Oracle database.

5.4 Installing the eSight Server
This topic describes how to install the eSight server.

5.5 Log In to the eSight Server from a Client
This topic describes how to log in to the eSight server from a client.

5.6 Registering Software
This topic describes how to apply for and load an eSight license.

5.7 Uninstalling eSight
This topic describes how to uninstall eSight.

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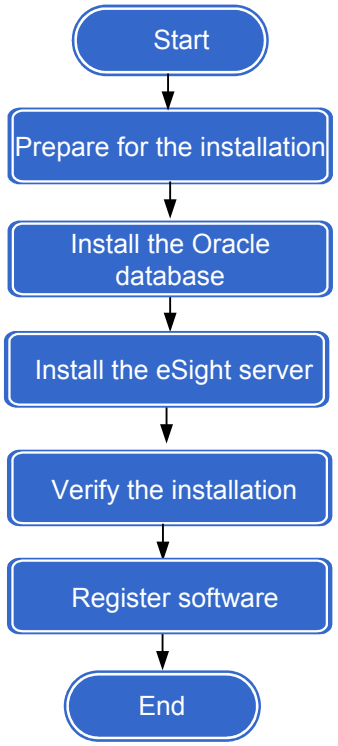
5.1 Installation Process

- Preinstallation scheme: The operating system and eSight system has been preinstalled on the eSight server delivered to the site. For details about the default information configured before the delivery, see **5.2.2 Installation Plan**.
- Full-installation scheme: If you use a self-purchased server or the eSight system needs to be reinstalled, see the installation process described in this document.

The following figure shows the eSight server installation process.

Figure 5-1 eSight server installation process



NOTE

In SUSE Linux, you must manually install the Oracle database before installing the eSight server. For details about how to install the Oracle database, see the installation manually provided by Oracle.

The following table lists installation stages.

Table 5-1 Installation process description

No.	Installation Description	Reference
1	Describes how to prepare for the installation, including software and hardware configuration requirements, and how to obtain required software.	**5.2 Preparing for the Installation**

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No.	Installation Description	Reference
2	Install the Oracle database.	For details, see the Oracle database installation guide.
3	Describes how to install the eSight server.	**5.4 Installing the eSight Server**
4	Describes how to log in to the eSight server from a client.	**5.5 Log In to the eSight Server from a Client**
5	Describes how to apply for and load an eSight license.	**5.6 Registering Software**

5.2 Preparing for the Installation

This topic describes how to prepare for the installation, including software and hardware configuration requirements, and how to obtain required software.

5.2.1 Configuration Requirements

This topic describes the configuration requirements on the eSight server.

The following table lists configuration requirements on the eSight server (professional edition).

Table 5-2 Configuration requirements on the eSight server (professional edition)

Server Configuration	Factory Configuration	Management Capacity (Number of NEs)	Java Heap Size	Operating System	Database	Client Configuration
CPU: 1*dual-core 2 GHz or above Memory: 4 GB Disk space: 40 GB	PC server-IBM X3650M3-Xeon quadri-core E5506 2.13G or above-4G (1x4G)	0-200	1.5 GB	SUSE11 Linux SP1	Oracle 11g standard	● Internet Explorer 8 ● Firefox 3.6 **NOTE** Use either of the preceding browsers.

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Server Configuration	Factory Configuration	Management Capacity (Number of NEs)	Java Heap Size	Operating System	Database	Client Configuration
CPU: 2*dual-core 2 GHz or above Memory: 4 GB Disk space: 60 GB		200-500				
CPU: 2*quadri-core 2 GHz or above Memory: 8 GB Disk space: 120 GB	PC server-IBM X3650M3-2 *Xeon quadri-core E5506 2.13G or above-8G (2x4G)	500-2000	3 GB			
CPU: 2*quadri-core 2G or above Memory: 16 GB Disk space: 250 GB	PC server-IBM X3650M3-2 *Xeon quadri-core E5620 2.4 or above-16G (2x8G)	2000-5000	8 GB			

5.2.2 Installation Plan

This topic describes how to plan installation information, such as the IP address, host name, and password, to help correctly install the eSight system.

- When the preinstallation scheme is used, information such as the IP address and password described in this topic is the default information after the preinstallation. Modify the information based on your site environment.
- When the full-installation scheme is used, information such as the IP address and password described in this topic is for your reference. Modify the information based on your site environment.

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Plan for User Names and Passwords

Table 5-3 Plan for user names and passwords

Item	User Name	Password
SuSE Linux operating system	root	Changeme123
eSight software	admin	admin **NOTE** The eSight system prompts you to change the password at first login.

Plan for Host Names and IP Addresses

Table 5-4 Plan for host names and IP addresses

Item	Setting
Host name	eSightServer **NOTE** When the eSight server is delivered to the site, the host name of the server can be modified as required.
IP address	129.9.1.1 **NOTE** When the eSight server is delivered to the site, change the IP address of the operating system based on your site environment. Then synchronize the IP address of the operating system to the eSight server by referring to **6.3 Synchronizing the eSight Server IP Address to eSight**.
Subnet mask	255.255.255.0
Default gateway	129.9.1.254

Plan for Disk Partitions

Table 5-5 Plan for disk partitions

Disk	Partition Size	Used To
/	50 GB	Install the operating system.
/opt	Remaining space	Install the database and eSight system.

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Plan for Installation Paths

Table 5-6 Plan for installation paths

Software	Installation Path
eSight	/opt/eSight
Oracle	/opt/oracle

Plan for the Time Zone

Table 5-7 Plan for the time zone

Item	Setting
Time zone	Asia > Beijing **NOTE** Change the time zone and time based on your site environment.

5.2.3 Obtaining Required Software

This topic describes how to obtain required software.

The eSight server can be installed in either of the following ways:

- Using CD-ROMs: Obtain the required CD-ROMs.
- Using installation packages: Obtain the required installation packages.

Using CD-ROMs

Obtain the following CD-ROMs:

Table 5-8 CD-ROM list

Software	CD-ROM
eSight installation software of professional edition	eSight application platform (professional edition)

Using Installation Packages

Method of obtaining installation packages:

Go to the enterprise network website http://www.huawei.com/enterprise.

To download eSight installation software of professional edition, choose **SUPPORT** > **Software Download** > **Network Management** > **eSight**.

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Obtain the following installation packages:

NOTE

In an installation package, ***version*** indicates the detailed version number of the eSight.

Table 5-9 Software list (professional edition)

Software	Name	Description
eSight installation software (professional edition)	eSight_AppBase_***version***_Professional_Linux.zip	This software is mandatory and is used to install the eSight professional edition.

5.2.4 Uploading and Decompressing Installation Packages

This topic describes how to upload installation packages to the eSight server and decompress them.

Prerequisite

The installation packages have been obtained. For details, see **5.2.3 Obtaining Required Software**.

Procedure

Step 1 Run the following command to create the **/opt/install** directory:

```
# mkdir /opt/install
```

Step 2 Log in to the computer where the software packages reside.

Step 3 Choose **start** > **Run**. Then, enter **ftp** ***the_system_IP_address_of_server*** and click **OK**.

NOTE

Before starting the transfer, enable the FTP service on the server. For details, see **6.1 How to Start/Stop the FTP, TFTP, SFTP, and Telnet Services**.

Step 4 Enter **root** as the user name of the server.

```
User (IP address:(none)):root
```

Step 5 Enter the password of the **root** user.

```
Password:
```

Step 6 Set the FTP transmission mode to **binary**.

```
ftp> bin
```

Step 7 Enter the path where the software packages are stored on the computer.

```
ftp> lcd the_path_where_the_software_packages_are_stored_on_the_computer
```

Step 8 Enter the **/opt/install** directory.

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```
ftp> cd /opt/install
```

Step 9 Run the **put** command to upload all required software packages to the server:

```
ftp> put Name_of_software_package
```

Wait for a moment. When the software packages are uploaded, the system prompts **Transfer complete**.

CAUTION

Upload all of the needed software packages to the server.

After the transfer is complete, disable the FTP service. For details, see **6.1 How to Start/Stop the FTP, TFTP, SFTP, and Telnet Services**.

Step 10 Run the following command to exit from FTP:

```
ftp> quit
```

Step 11 Run the following commands to switch to the directory where the software packages reside, and then run the **unzip** command to decompress the uploaded software packages on the server.

```
# cd /opt/install
# unzip Name_of_software_package
```

----End

5.3 Installing the Oracle Database

Before installing eSight professional edition on SUSE Linux, install the Oracle database.

Procedure

Step 1 See the Oracle installation manual.

CAUTION

- When installing the Oracle database, set the character set to **UTF-8** to support globalization.
- The Oracle 11g database password is valid for 180 days by default. If a password expires, the eSight is unavailable. Change the password validity period before it expires. For details, see **6.11 How to Change the Oracle Password Validity Period**.
- The Oracle SGA cannot be smaller than 800 MB and its recommended size is 1.6 GB. If the size is smaller than 800 MB, the database performance cannot meet the requirements of eSight.

----End

5.4 Installing the eSight Server

This topic describes how to install the eSight server.

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Prerequisite

- Ensure that the Oracle database has been installed. If the Oracle database is not installed, refer to the Oracle database installation guide to install it.
- Ensure that the server IP address monitored by the Oracle database is the same as the IP address selection during eSight installation. For details, see **6.10 How to Check the Server IP Address Monitored by the Oracle Database**.
- Ensure that the host names in the configurations files for the SUSE Linux system are the same. For details, see **6.9 How to Check Whether Host Names in the SUSE Linux System File Are the Same**.
- The network adapter is enabled.
- The eSight server IP address has been set.
- After the installation package is uploaded by means of FTP, disable the FTP service. For details, see **6.1 How to Start/Stop the FTP, TFTP, SFTP, and Telnet Services**.

Context

CAUTION

The eSight installation files must be placed on the local PC.

Procedure

Step 1 Run the **setup.sh** file to start eSight installation.

```
# cd /opt/install
# chmod u+x setup.sh
# ./setup.sh
```

The **Select Language** dialog box is displayed.

Step 2 Select **English** and click **OK**.

The **Introduction** dialog box is displayed.

NOTE

The system automatically checks whether the current environment meets requirements for installing eSight software. If the current environment does not meet the requirements, the associated message is displayed.

Step 3 Click **Next**.

The **Copyright Notice** dialog box is displayed.

Step 4 Select **I accept these terms**, and click **Next**.

The **Set Installation Parameters** dialog box is displayed.

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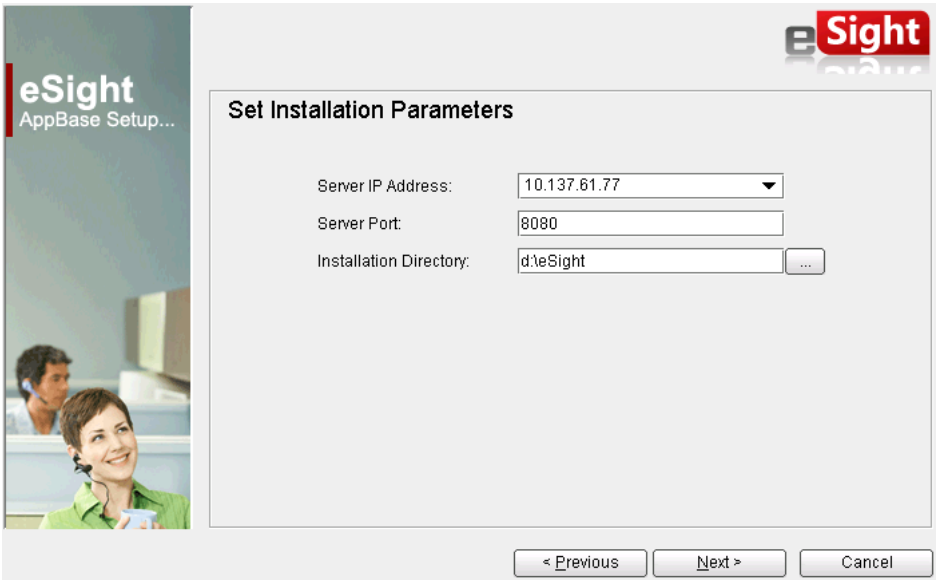


NOTE

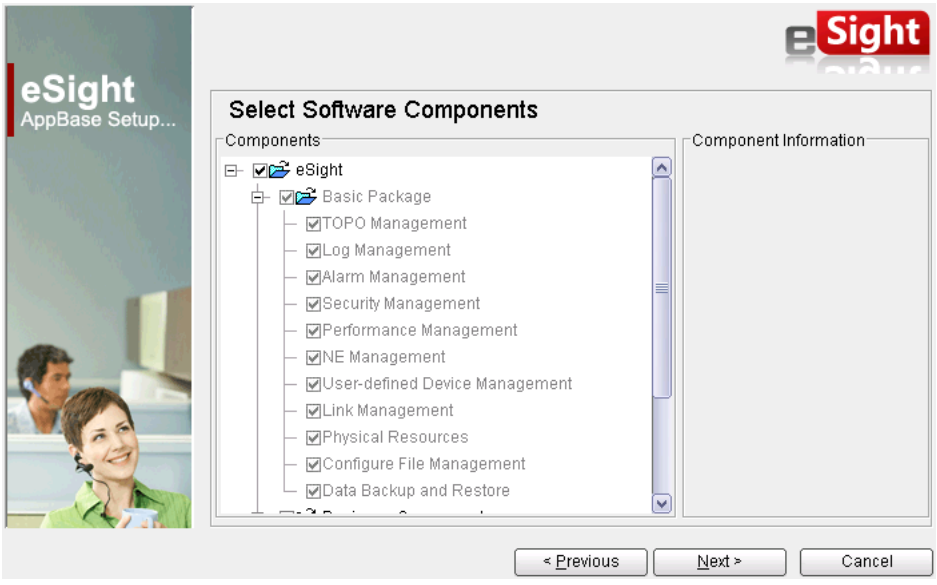
- **IP Address**: Default IP address of the eSight server host. If the server has multiple IP addresses, select a public IP address from the drop-down list box.
- **Port**: The default port number is **8030**. If the port is in use, change it to another port number.
- **Installation Directory**: eSight server installation directory, which can be manually changed.

CAUTION

To ensure successful eSight server installation, verify that the eSight server installation directory is empty before the installation.

Step 5 Click **Next**.

The **Select Software Components** dialog box is displayed.



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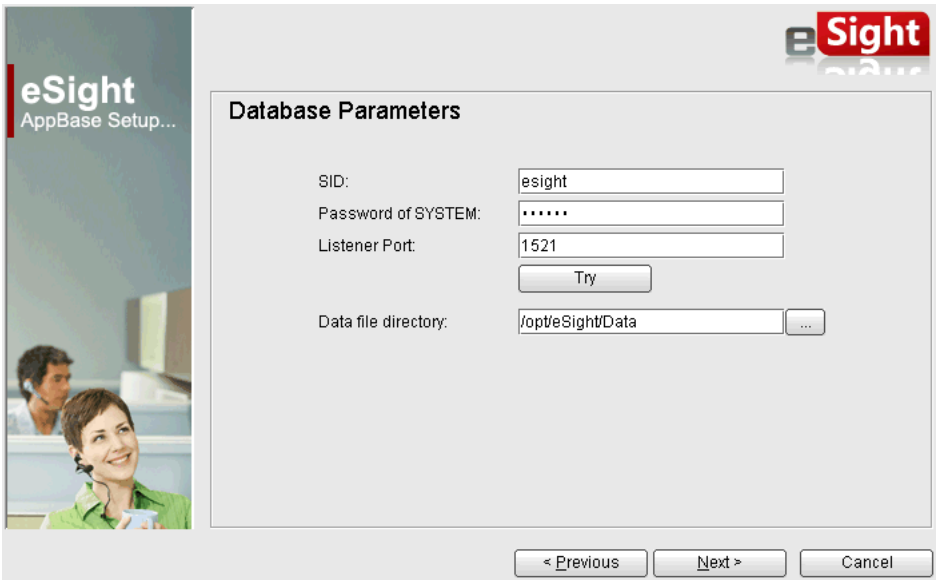
NOTE

- Components under **Basic Package** are in gray by default, and must be installed.
- Select required components under **Business Component**. eSight components support incremental installation. If a component is not installed during the first eSight server installation, it can be installed during the next eSight server installation.
- To install the eSight server professional edition, select **Hierarchical OSS Manager**.

Step 6 Click **Next**.

The **Database Parameters** dialog box is displayed.



NOTE

- **SID**: Enter the value that is specified when the Oracle database is installed.
- **Password of SYSTEM**: Enter the value that is specified when the Oracle database is installed.
- **Listener Port**: Retain the default value **1521**.
- **Data file directory**: Data file installation directory, which can be manually changed.

After setting the preceding parameters, click **Try**. If **Successful** is displayed, parameters were set correctly. Otherwise, reset the parameters.

NOTE

If you click **Try** and **Next**, the system automatically checks whether the current database charterer set is UTF-8. If the character set is not UTF-8, a message box is displayed.

Step 7 click **Next**.

The **Confirm Installation** dialog box is displayed.

Step 8 Verify the installation information, and click **Next**.

NOTE

If the installation information is incorrect, click **Previous** to reset installation information.

Step 9 The system starts to install the eSight server. After about 5 minutes, the **Installation Completed** dialog box is displayed.

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NOTE

In the **Installation Completed** dialog box, **Start eSight immediately** and **Start backup server** are selected by default. Keep the default settings.

Step 10 Click **Finish**. The eSight server installation is complete.

----End

5.5 Log In to the eSight Server from a Client

This topic describes how to log in to the eSight server from a client.

Prerequisite

The eSight server installation has been completed.

Procedure

Step 1 Check whether the eSight service has started. If the eSight service has not started, perform the following steps to start it:

cd /opt/eSight/run/bin

./run.sh

If **Daemon is already running** is displayed, the eSight service has been started. Otherwise, wait until the eSight service starts. When the status of every process is **started** and **Finished** is displayed, the eSight service has been started.

Step 2 Log in to the eSight server from the client.

- Log in to the eSight server from the Window Internet Explorer 8.
  1. Open the Internet Explorer.
  2. Choose **Tools** from the main menu.
  3. Select **Compatibility View**.
  4. In the **Compatibility View Settings** dialog box, clear the **Display intranet sites in Compatibility View** and **Display all websites in Compatibility View** check boxes.
  5. Click **Close**.
  6. Choose **Tools** > **Internet Options** > **Security** > **Custom Level** from the main menu.
  7. Locate the **Downloads** node. In **Automatic prompting for file downloads**, select **Enable**.
  8. Click **OK**.
  9. In the address box, enter **http://*eSight server IP address*:*port number***, and press **Enter**.

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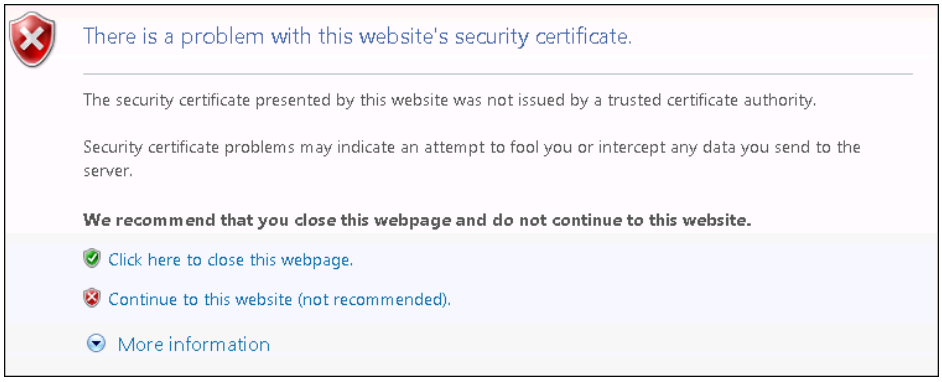
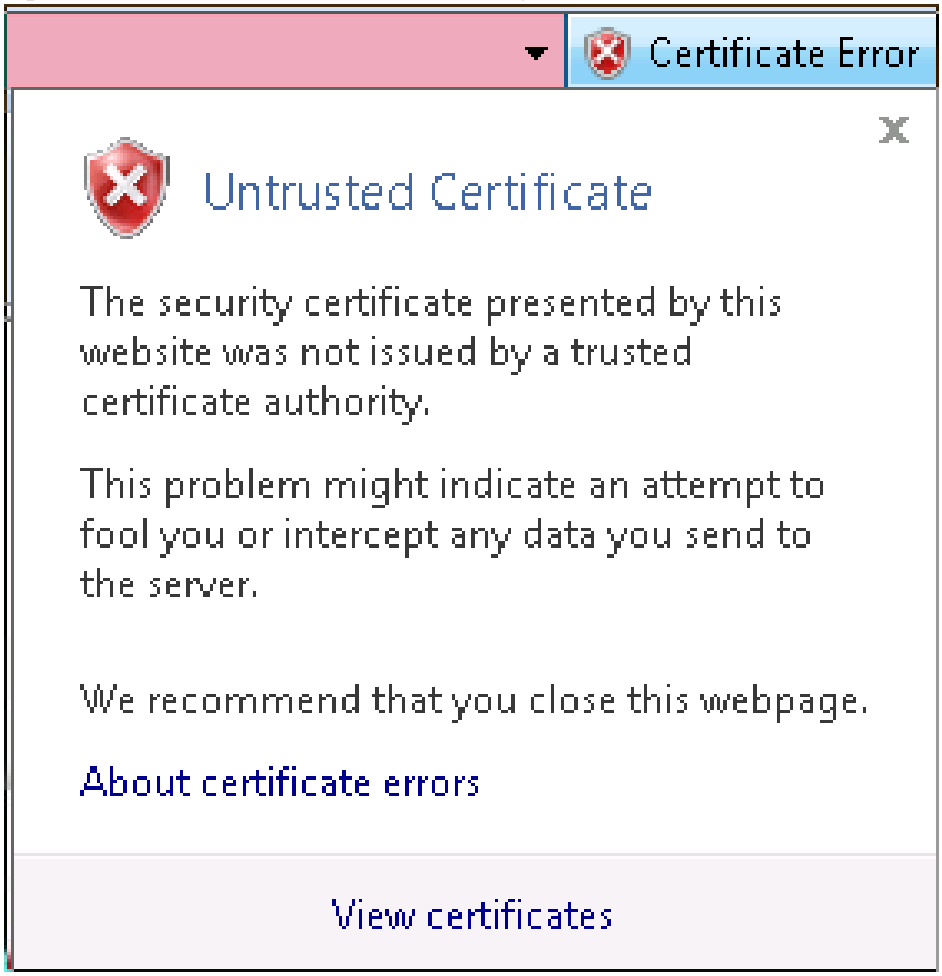
CAUTION

If the server has multiple IP addresses, enter the IP address selected during eSight server installation in the address box. If another IP address is entered, access to the server fail.

10. **Optional:** If you log in to the eSight server for the first time, the message "There is a problem with this website's security certificate." is displayed. Click **Continue to this website (not recommended).**



11. **Optional:** On the left of the address bar, click **Certificate Error**.
12. **Optional:** In the **Untrusted Certificate** dialog box, click **View certificates**.



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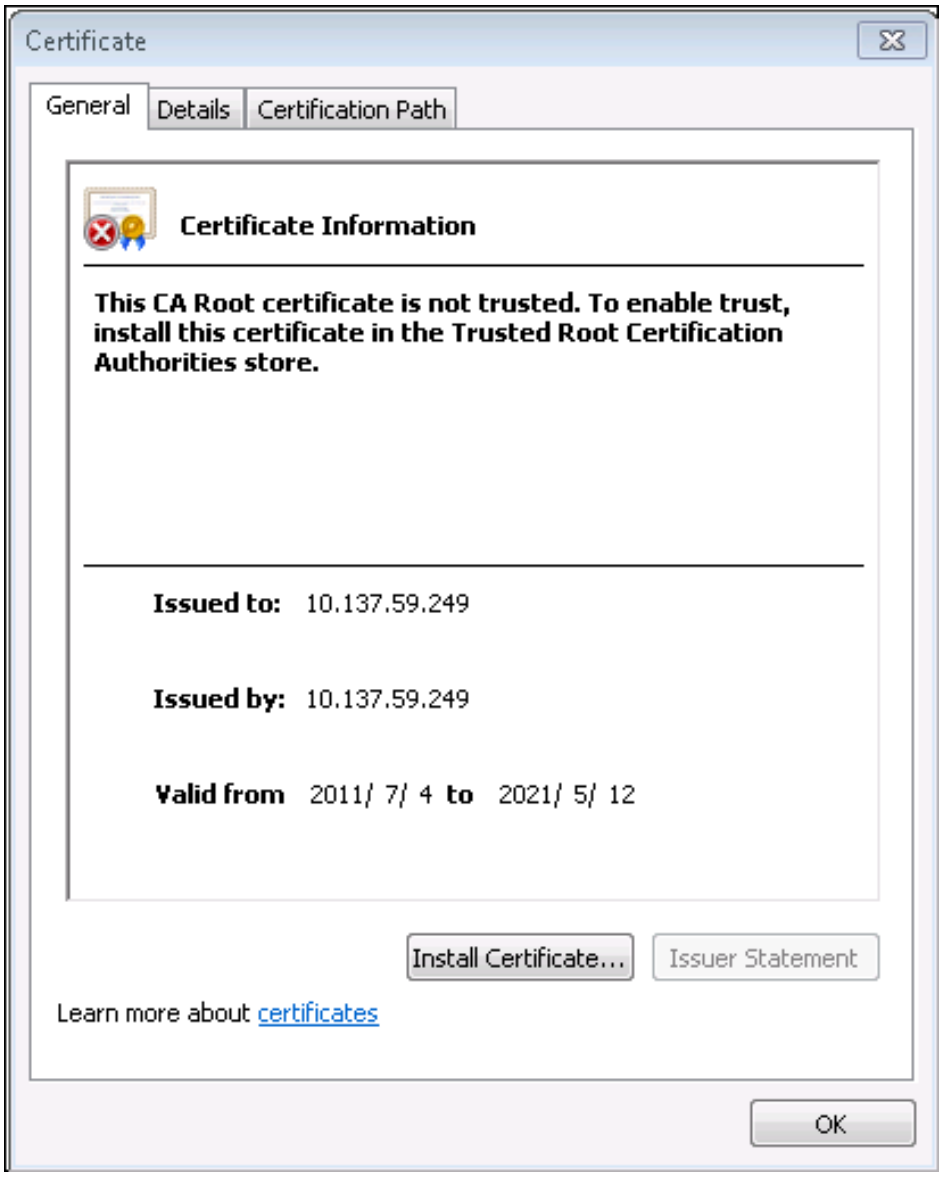
13. **Optional:** In the **Certificate** dialog box, select the **General** tab and click **Install Certificate...**.



14. **Optional:** In the **Certificate Import Wizard** dialog box, click **Next**.

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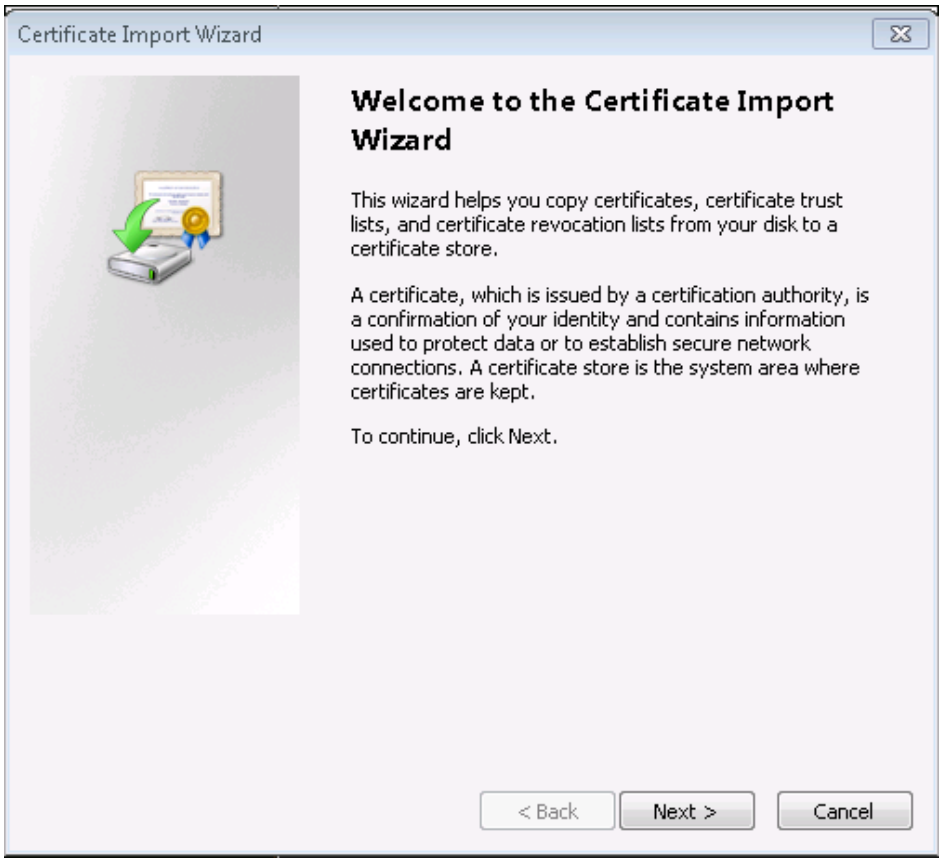

15. **Optional:** In the **Certificate Store** dialog box, choose **Place all certificates in the following store**.

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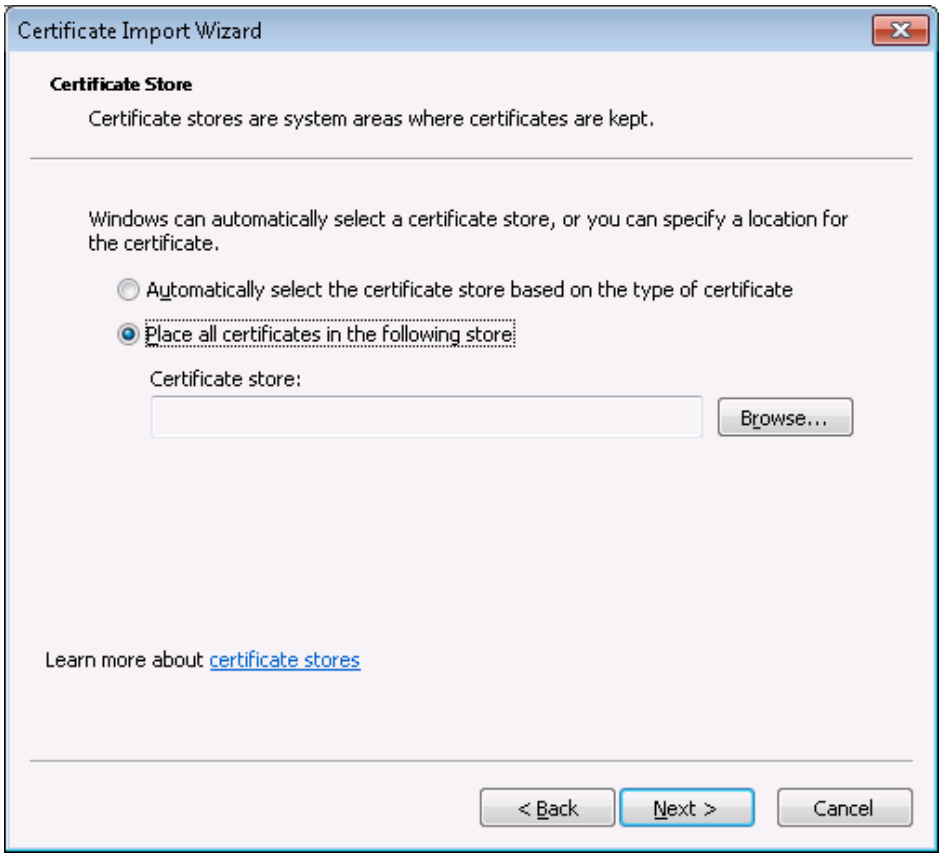
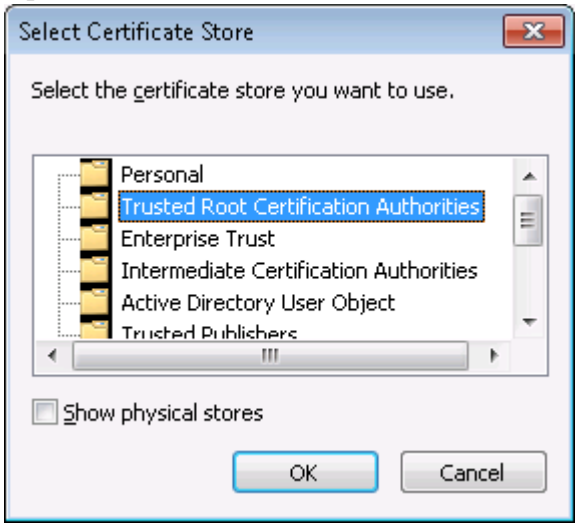


16. **Optional:** Click **Browse**, choose **Trusted Root Certification Authorities**.



17. **Optional:** Click **OK**.
18. **Optional:** Click **Next**.
19. **Optional:** Click **Finish**.
20. **Optional:** In the **Security Warning** dialog box, click **Yes**.
21. **Optional:** Click **OK** to complete certificate import.
22. **Optional:** Restart the Window Internet Explorer 8, enter **http://*eSight server IP address*:*port number*** in the address box, and press **Enter**.
23. Enter the user name **admin** and the default password **admin**, and click **Log In**.

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- Log in to the eSight server from the Firefox 3.6.
  1. In the address box, enter **http://*eSight server IP address*:*port number***, and press **Enter**.
  2. **Optional:** If you log in to the eSight server for the first time, the message "This Connection is Untrusted" is displayed. Click **I Understand the Risks**.
  3. **Optional:** Click **Add Exception...**.
  4. **Optional:** Select **Permanently store this exception** and click **Confirm Security Exception**.
  5. Enter the user name **admin** and the default password **admin**, and click **Log In**.

----End

5.6 Registering Software

This topic describes how to apply for and load an eSight license.

5.6.1 Applying for an eSight License

A license file is an authentication file that a special encryption tool generates based on the information about the contract that a user signs with Huawei and the information about the server where the eSight is installed. A license file is sent to users by email and the user manually loads it to the eSight to activate the eSight use permission. This topic describes how to apply for an eSight license.

Procedure

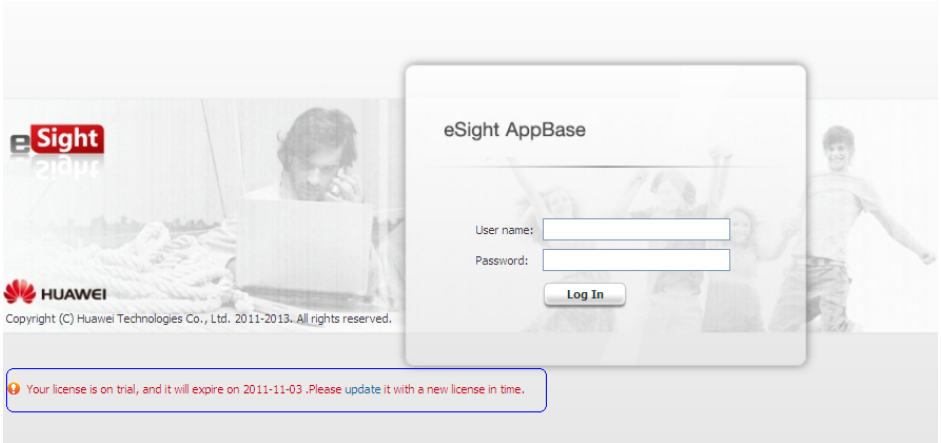
Step 1 Obtain the contract information.

The soft copy of Huawei license authentication certificate is delivered along with the eSight. Obtain the contract number, license authentication code (LAC), product name, and product model from Huawei license authentication certificate.

Step 2 Obtain the server equipment serial number (ESN).

An ESN is a string that uniquely identifies a device. It is used to ensure that the license is granted to the specified device.

1. Open the eSight login window.



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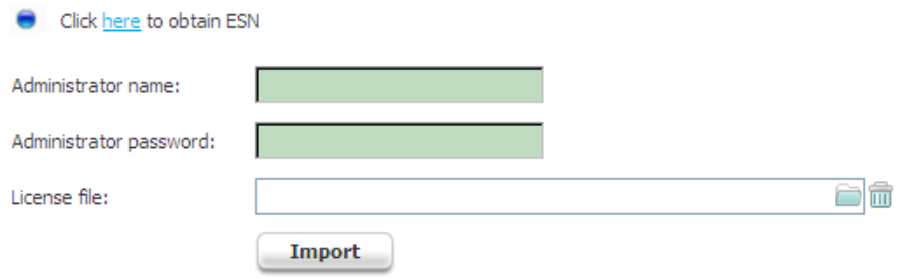
2. Click **update**.

   Access the initial license importing page.



3. Click **here**.

   Access the ESN generation page.

4. The eSight automatically recognizes the NIC information about the server on which the eSight installed. Click **Generate ESN** on the right of **Select network adapters**.

   Record the generated ESN.

NOTE

If the server is equipped with multiple NICs, record the ESNs for all the NICs.

Step 3 Apply for an eSight license.

Send a mail to the local Huawei eSight product manager or the eSight license contact person (Chen Keming, email: ckm@huawei.com) according to the following information. After you send the email, the license application is complete. Please wait for Huawei eSight to send the license authorization file.

Set the following parameters:

- Agent name: Set it as required.
- Applicant: Set it as required.
- Telephone number: Set it as required.
- Email address: Set it as required. The email address is used to receive license files. Ensure that the email address is correct.
- Contract number: Enter the contract number obtained in 2.1 Obtaining Contract Information.
- Office name: Set it as required.
- Office type: Use the default value New office.
- Product name: Enter the product name obtained in 2.1 Obtaining Contract Information.
- Product model: Enter the product model obtained in 2.1 Obtaining Contract Information.

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- ESN: Enter the ESN obtained in 2.2 Obtaining a Server ESN. If multiple network adapters exist, separate ESNs with commas (,).
- LAC: optional. For details, see the authorization certificate.
- Upload attachment: Upload the electronic eSight authorization certificate.
- Application description: Set it as required.

----End

5.6.2 Loading an eSight License

This topic describes how to load an eSight license.

Prerequisite

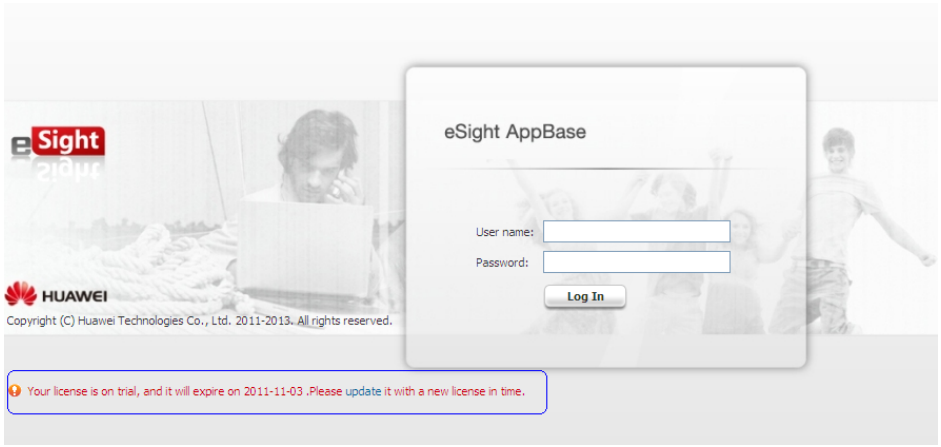
A correct eSight license file must have been obtained.

NOTE

The license file name cannot contain any space. If the name contains a space, uploading or updating the license file will fail. If the name of the obtained license file contains spaces, delete the spaces or change them to _ before using the license file.

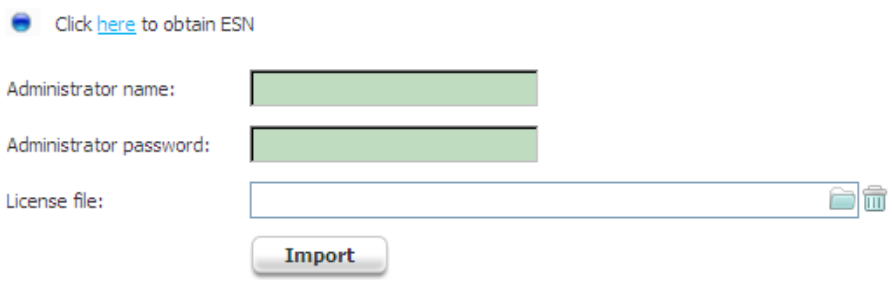
Procedure

Step 1 Open the eSight login window.



Step 2 Click **update**.

Access the initial license importing page.



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Step 3 Enter a user name and a password, and select the local path in which the license file is stored.

- Administrator name: The default value is **admin**.
- Administrator password: The default value is **admin**.
- License file: Select the local path in which the license file is stored.

Step 4 Click **Import**.

The license file is loaded, and the window switches to the eSight login window.

----End

5.7 Uninstalling eSight

This topic describes how to uninstall eSight.

Context

When eSight is uninstalled, the eSight database is deleted. To save the eSight database data, back up files in the **backupdata\history** directory that is in the same directory as the eSight installation path in advance.

Procedure

Step 1 Stop eSight.

cd /opt/eSight/run/bin

./stop.sh

Step 2 Start the eSight uninstall program.

cd /opt/eSight/uninstall

./uninstall.sh

Step 3 In the dialog box that is displayed, select the component to uninstall, and click **Next**.

Step 4 In the **Confirm** dialog box that is displayed, click **Yes**.

Step 5 In the **Uninstallation Completed** dialog box that is displayed, click **Finish**.

----End

Follow-up Procedure

1. Verify that the eSight shortcut icon on the desktop is deleted automatically.
2. Verify that the eSight installation path is deleted automatically.

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6 FAQ

About This Chapter

6.1 How to Start/Stop the FTP, TFTP, SFTP, and Telnet Services

6.2 How to Start Dtabase Backup and Recovery Tool

6.3 Synchronizing the eSight Server IP Address to eSight

6.4 How to Rectify the Failure in Logging In to the eSight Server Using a Browser

6.5 How to Rectify the Failure in Exporting Data

6.6 How to Close All Open Windows in One-Click Mode

6.7 How to Modify Settings If the Web Browser Displays Pages Abnormally and Functions Are Unavailable

6.8 How to Solve the Problem That the Web Browser Displays a Message Indicating That the Security Certificate Is Incorrect During Login to the eSight Server
If Internet Explorer or Mozilla Firefox displays a message indicating that the security certificate is incorrect when you log in to the eSight server, you need to install the required security certificate.

6.9 How to Check Whether Host Names in the SUSE Linux System File Are the Same

6.10 How to Check the Server IP Address Monitored by the Oracle Database

6.11 How to Change the Oracle Password Validity Period

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6.1 How to Start/Stop the FTP, TFTP, SFTP, and Telnet Services

Question

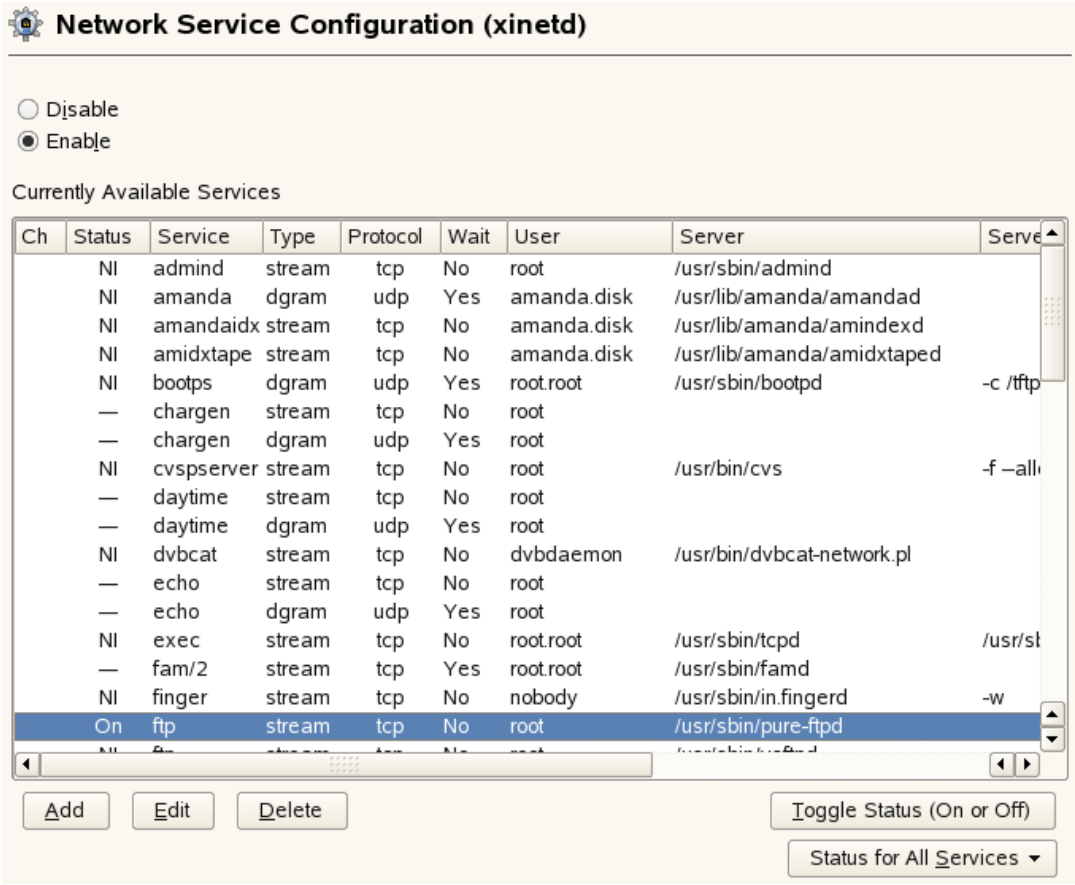
How to start/stop the FTP, TFTP, SFTP, and Telnet services in the SUSE Linux OS?

Answer

- Perform the following operations for the FTP, TFTP and Telnet services:
  1. Run the following command in the **YaST2 Control Center** window as user **root** to enter the **Network Service Configuration** window:

     # **yast2 inetd**
  2. In the **Currently Available Services** list, select the FTP, TFTP, and Telnet services respectively, the following dialog box is displayed.

Figure 6-1 Starting the FTP, TFTP, and Telnet services



  3. Click **Toggle Status (On or Off)** to configure the FTP, TFTP, and Telnet services respectively.

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NOTE

- If **Status** is **On**, the FTP service is started; if **Status** is **-**, the FTP service is configured but not started; if **Status** is **NI**, the FTP service is not configured.
- When starting the FTP service, insert the OS disk and then click **OK** if the system prompts you to insert the OS disk.

4. Click **Finish**.
5. Run the following command to enable or disable the FTP permission of the **root** user:

   # **vi /etc/ftpusers**

   Locate the **root** line and add **#** to the beginning to comment out the line, which indicates that the FTP permission of the **root** user is enabled. To disable the FTP permission of the **root** user, delete **#**.

- Perform the following operations for the SFTP service:
  - Run the following command to start the SFTP service:

    # **service sshd start**
  - Run the following command to stop the SFTP service:

    # **service sshd stop**

----End

6.2 How to Start Dtabase Backup and Recovery Tool

Question

How to Start Dtabase Backup and Recovery Tool?

Answer

Step 1 Enable the database backup and restoration tool on eSight server.

- On a Windows OS, choose **Start** > **All Programs** > **eSight** > **tools** > **Launch Database Backup And Recovery Tool**.
- On a Linux OS, execute the **run.sh** file in the **/opt/eSight/backuptool/bin** directory.

Step 2 Connect to the URL for logging in to the database backup and restoration tool by means of the client explorer.

URL example: http://10.135.23.61:8130/backup

Step 3 Click **Back Up**, set **Description**, and click **Backup**.

Step 4 **Optional:** Click as required to restore the database.

Step 5 **Optional:** Select a backup task and click **Delete** to delete the backup task and the corresponding backed up files.

----End

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6.3 Synchronizing the eSight Server IP Address to eSight

Question

This topic describes how to synchronize the eSight server IP address to eSight after the eSight server IP address is changed.

Answer

Step 1 Stop network management services on the eSight server.

- Windows: Choose **Start** > **All Programs** > **eSight** > **Shutdown eSight**.
- Linux: Run the following command:

  # **cd /opt/eSight/run/bin**

  # **./stop.sh**

Step 2 Use the IP address change tool to synchronize the eSight IP address.

1. Start the IP address change tool.
   - Windows: Choose **Start** > **All Programs** > **eSight** > **tools** > **IP address changed Tool**.
   - Linux: Run the following command:

     # **cd /opt/eSight/run/bin**

     # **./ipchange.sh**
2. In the **IP Address Tool** dialog box that is displayed, select an eSight server IP address and click **Modify**.
3. In the dialog box that is displayed, click **Yes**.
4. In the dialog box that is displayed, click **OK**.

Step 3 Start the network management services on the eSight server.

- Windows: Choose **Start** > **All Programs** > **eSight** > **start eSight**.
- Linux: Run the following command:

  # **cd /opt/eSight/run/bin**

  # **./run.sh**

----End

6.4 How to Rectify the Failure in Logging In to the eSight Server Using a Browser

Question

After the eSight server starts properly, the login to the eSight server using a browser fails and a message indicating access failure is displayed. How do I rectify this failure?

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Answer

Step 1 Check whether the firewall is enabled on the eSight server. If the firewall is enabled, disable it.

Step 2 Log in to the eSight server using the browser and check whether the login is successful.

----End

6.5 How to Rectify the Failure in Exporting Data

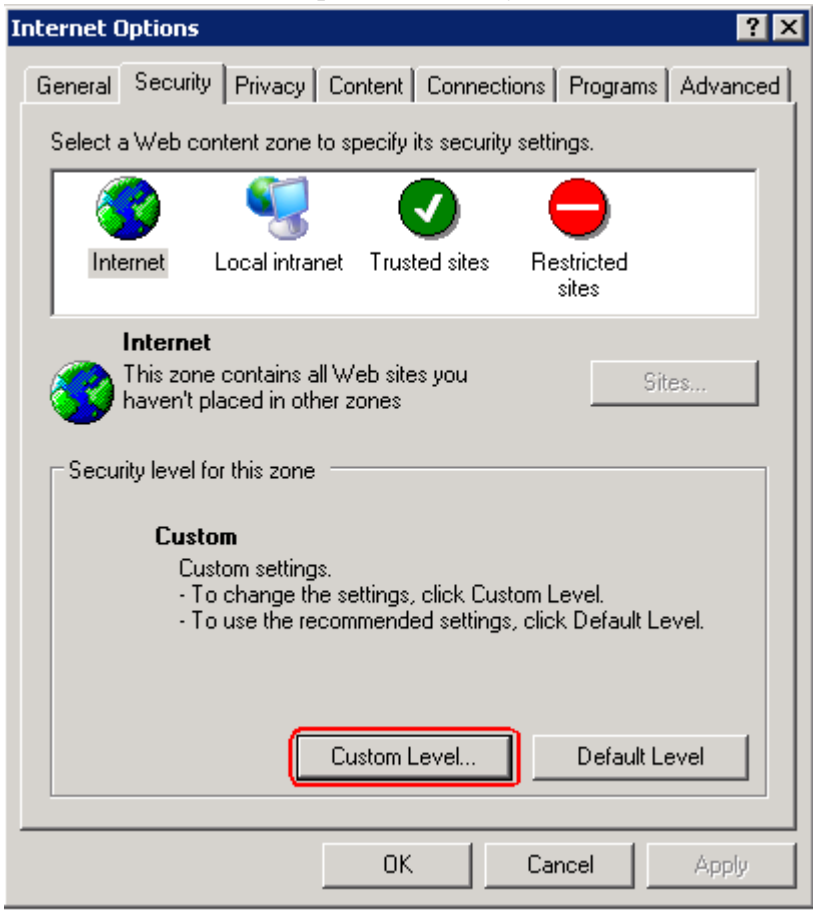
Question

When you export data from eSight, a message is displayed, indicating that data export fails. If the file download tip is not enabled on the Internet Explorer, data exporting from the eSight will fail.

Answer

Step 1 Open the Internet Explorer.

Step 2 Choose **Tools** > **Internet Options** > **Security** > **Custom Level**.



Step 3 Choose **Downloads** > **Automatic prompting for file downloads** > **Enable**.

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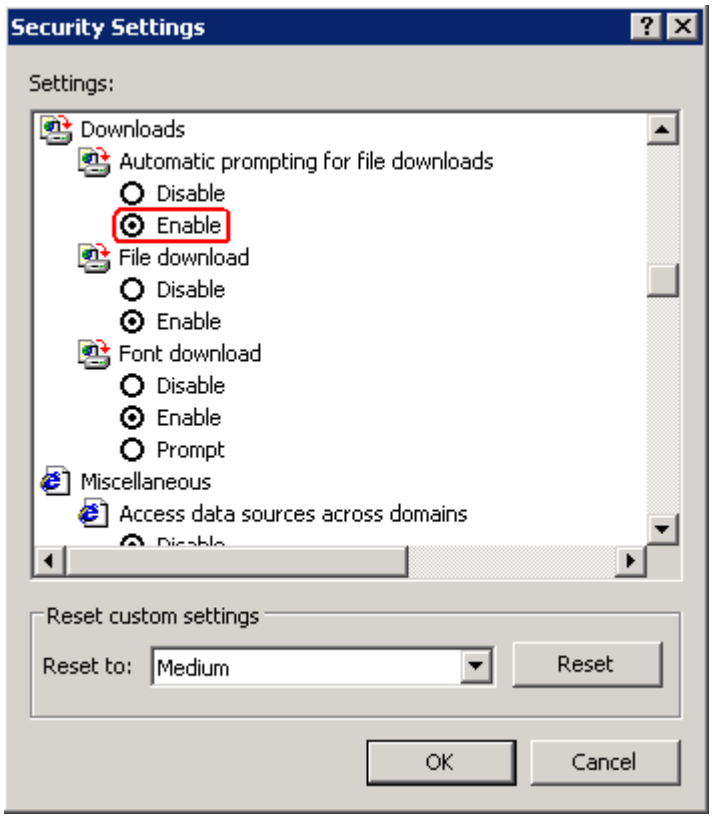

Step 4 Click **OK**.

Step 5 Log in to eSight again.

----End

6.6 How to Close All Open Windows in One-Click Mode

Question

How to close all open windows in one-click mode?

Answer

Step 1 Press **F5** to close all open windows.

----End

6.7 How to Modify Settings If the Web Browser Displays Pages Abnormally and Functions Are Unavailable

Question

When you log in to eSight client using the Internet Explorer, Web pages are displayed abnormally and the Internet Explorer's functions are unavailable.

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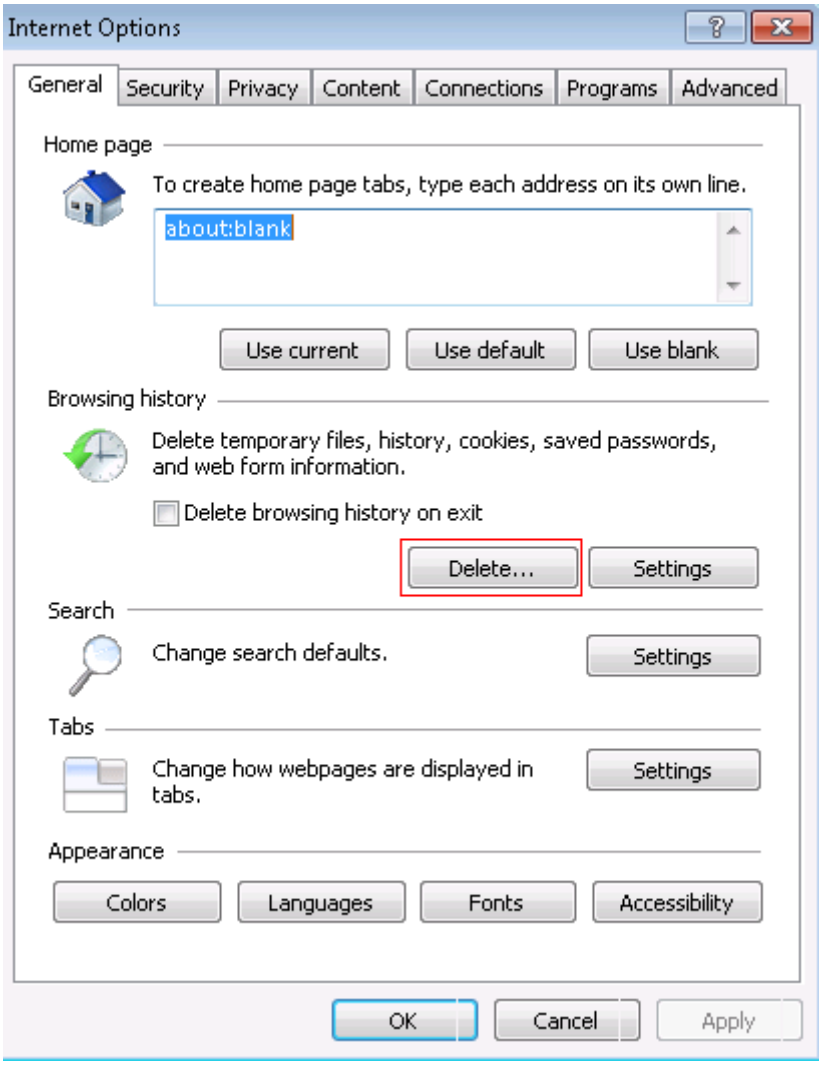
Answer

Step 1 If you use the Internet Explorer:

1. On the menu bar, choose **Tools** > **Internet Options**.
2. Click the **General** tab and click **Delete**.



3. The **Delete Browsing History** dialog box is displayed. Click **Delete**.

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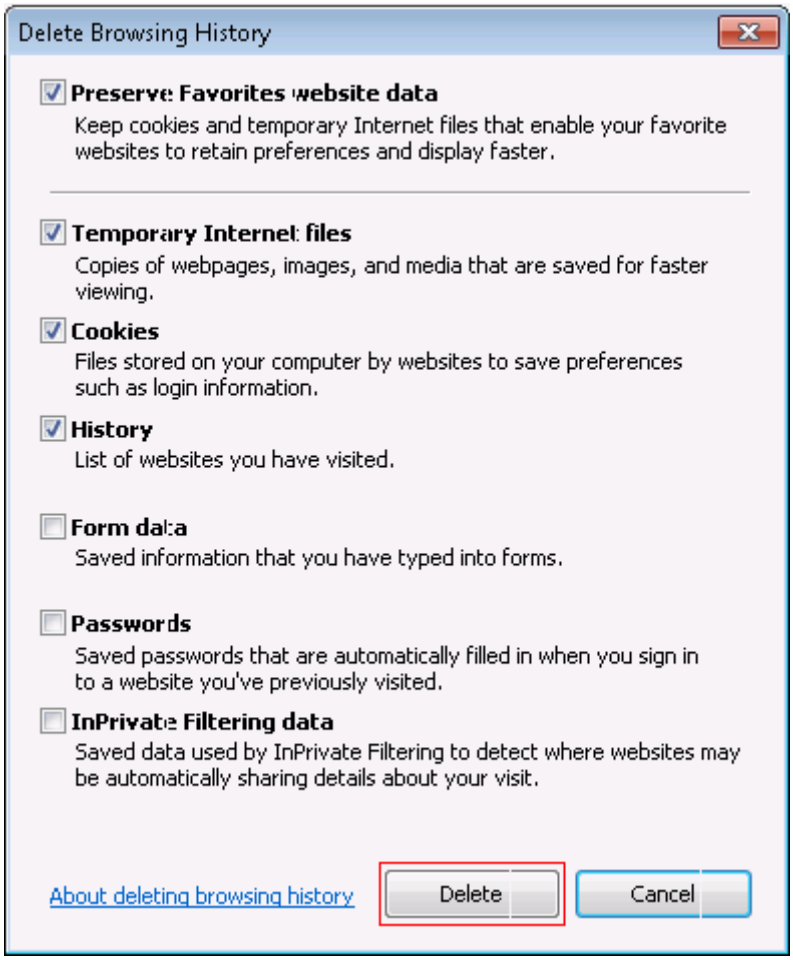

Step 2 If you use the Firefox 3.6:

1. On the menu bar, choose **Tools** > **Internet Options**.

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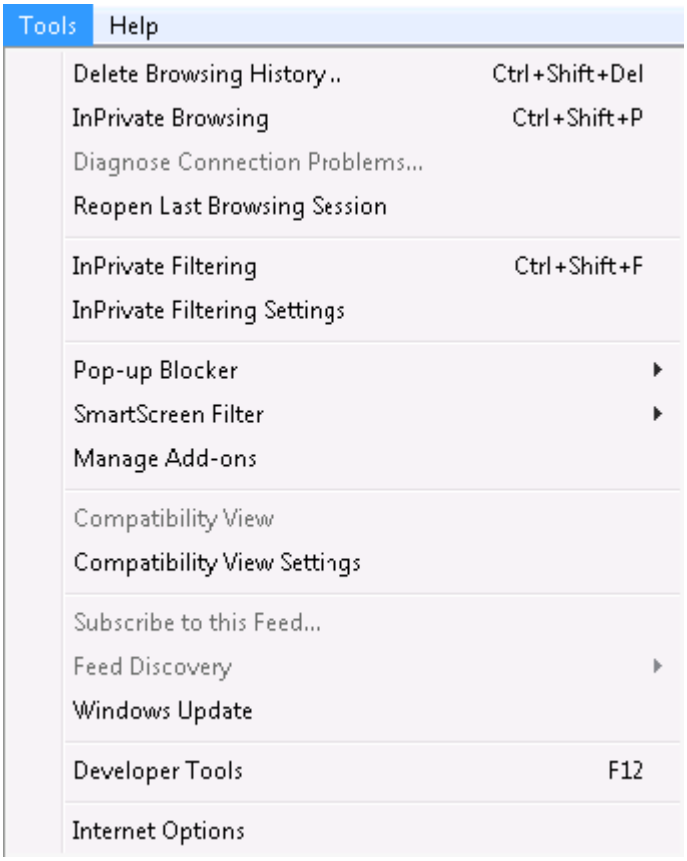

2. In the **Options** dialog box that is displayed, click the **Privacy** tab.

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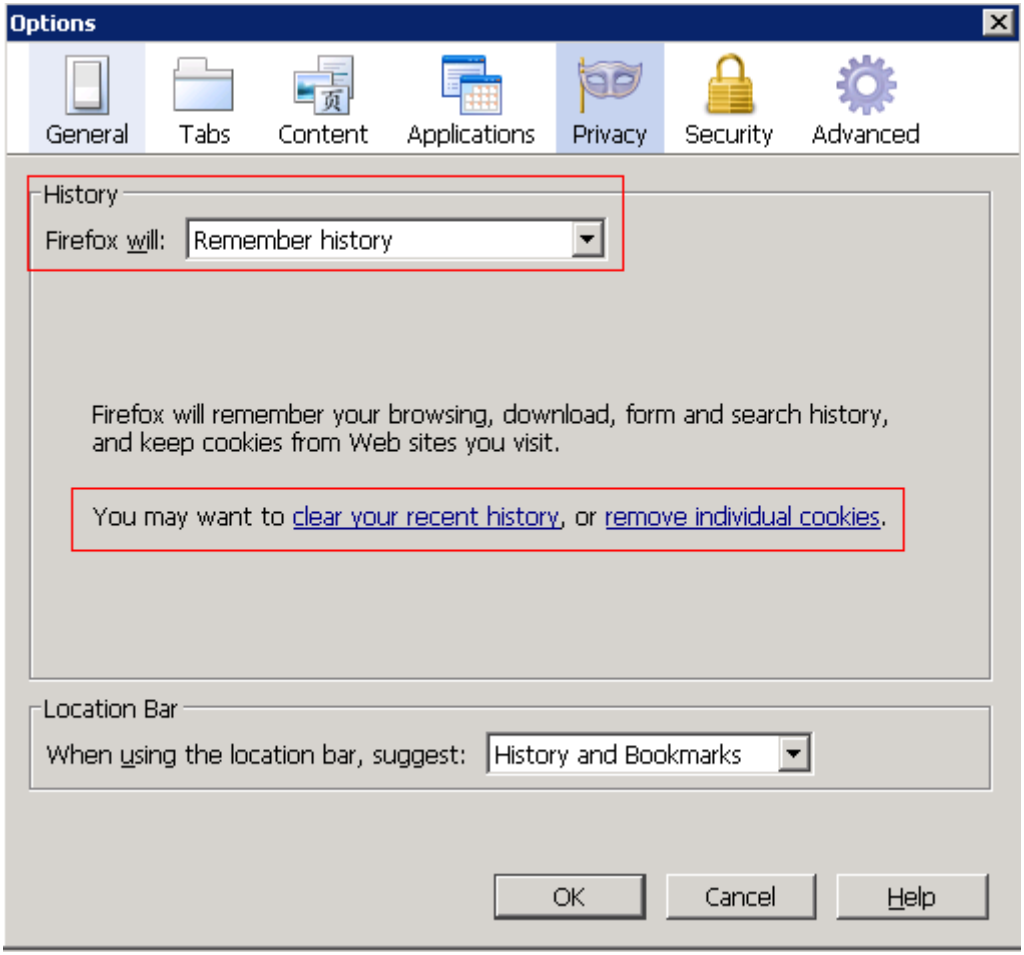

3. Click **clear your recent history**. In the dialog box that is displayed, click **Clear Now**.

----End

6.8 How to Solve the Problem That the Web Browser Displays a Message Indicating That the Security Certificate Is Incorrect During Login to the eSight Server

If Internet Explorer or Mozilla Firefox displays a message indicating that the security certificate is incorrect when you log in to the eSight server, you need to install the required security certificate.

Installing a Security Certificate (Internet Explorer)

If Internet Explorer displays a message indicating that the security certificate is incorrect during login to the eSight server, you need to perform the following steps to install the required security certificate.

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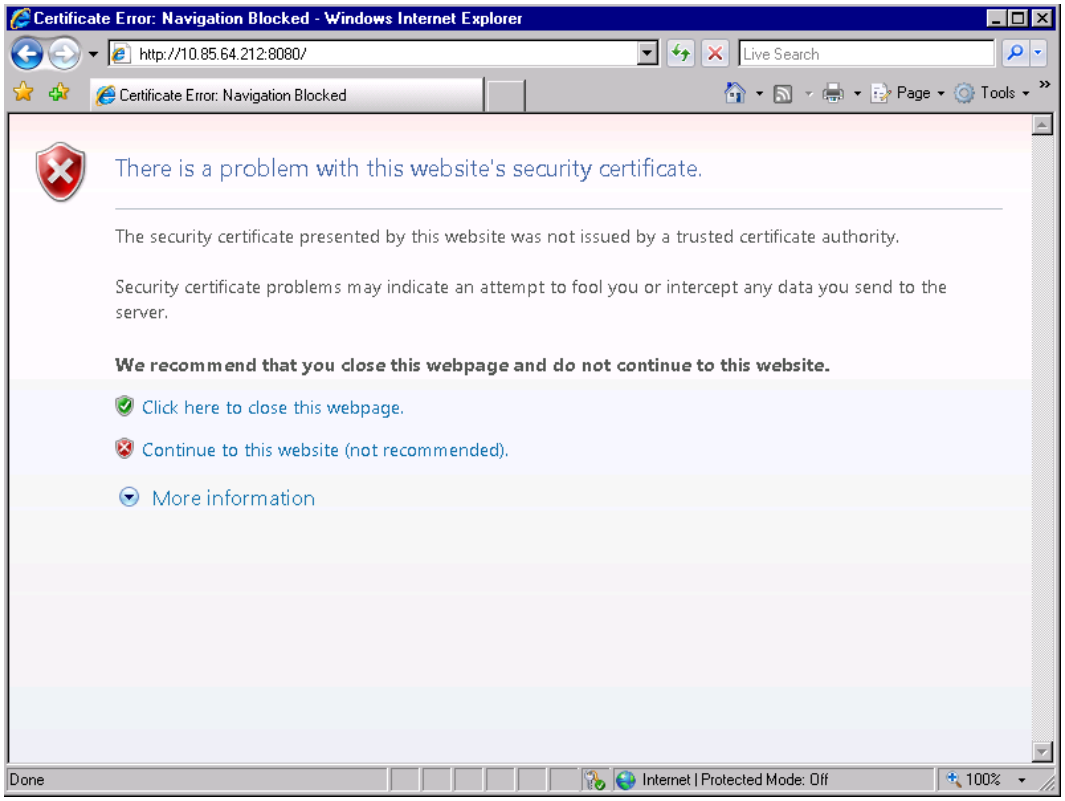
Figure 6-2 Error message



Step 1 Perform the installation as prompted.

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Figure 6-3 Installing a security certificate 1

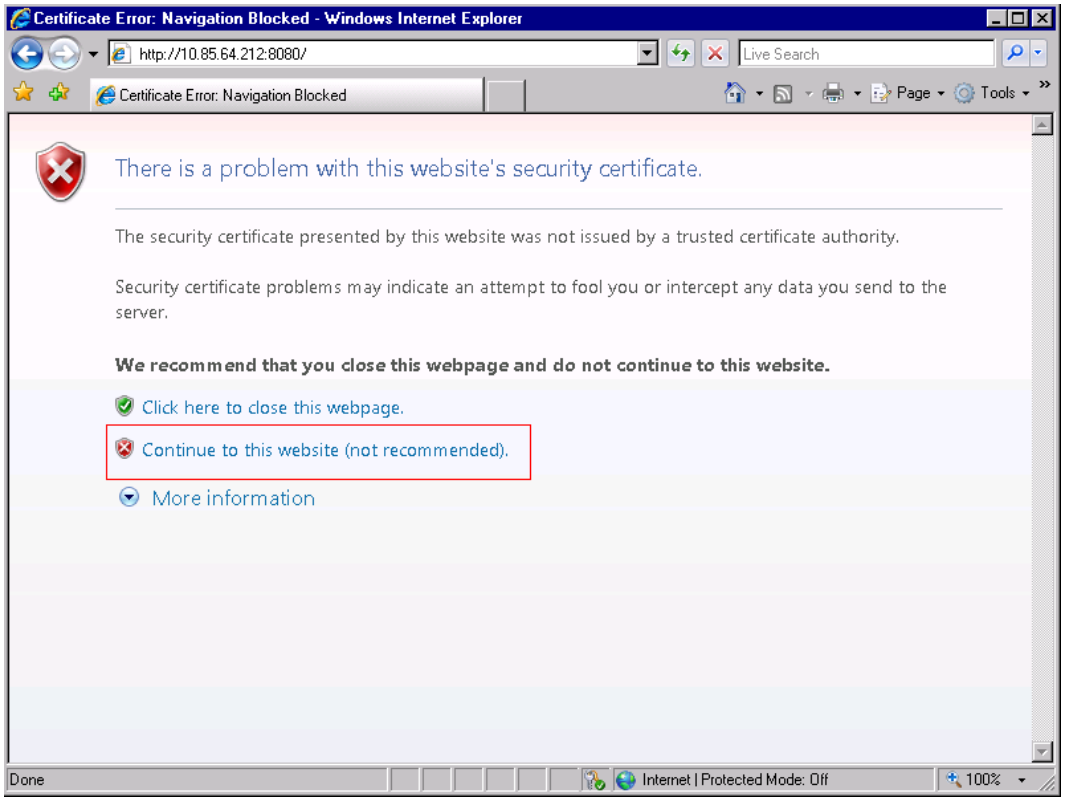

Figure 6-4 Installing a security certificate 2

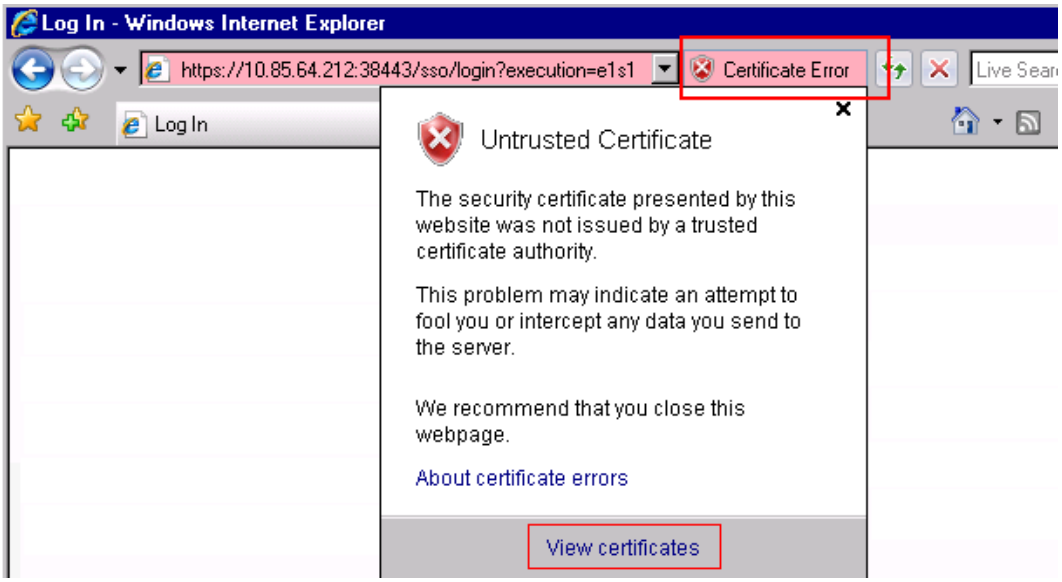

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Figure 6-5 Installing a security certificate 3

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Figure 6-6 Installing a security certificate 4

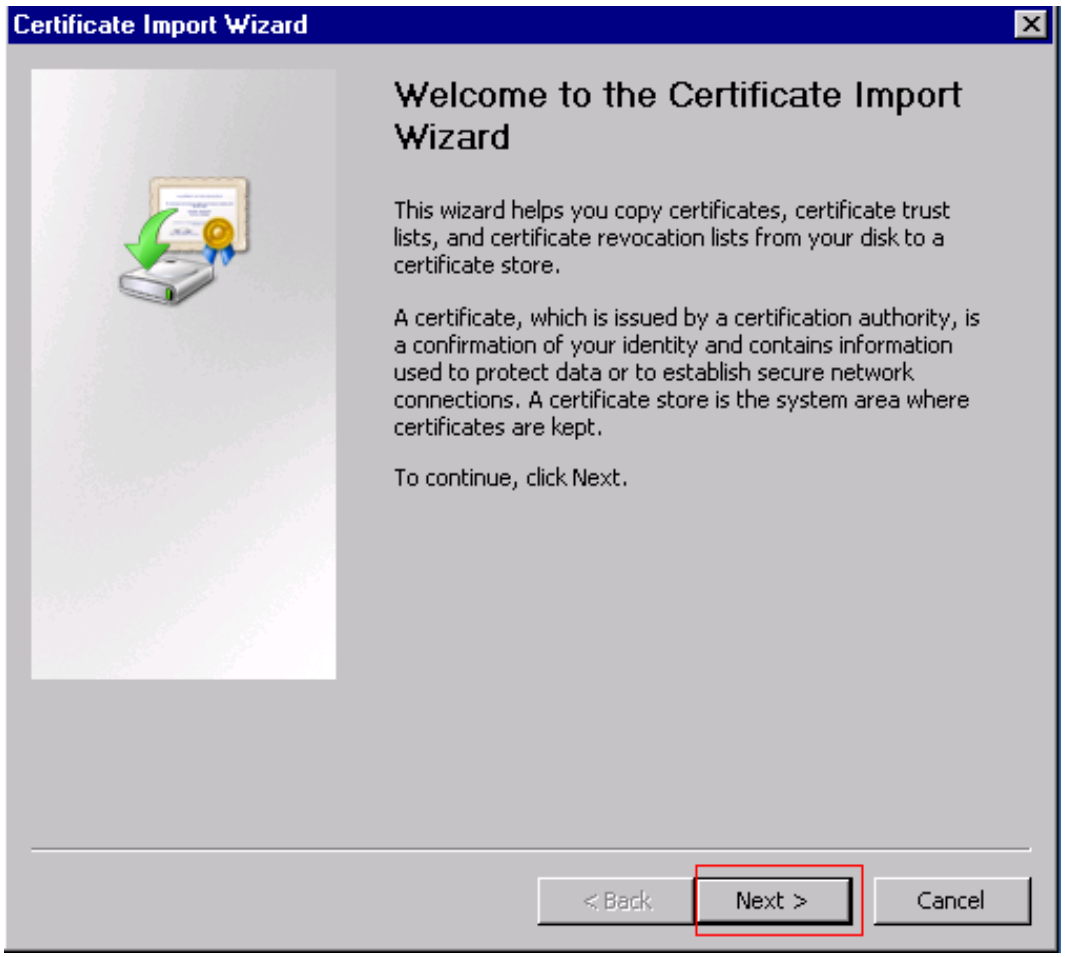

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Figure 6-7 Installing a security certificate 5

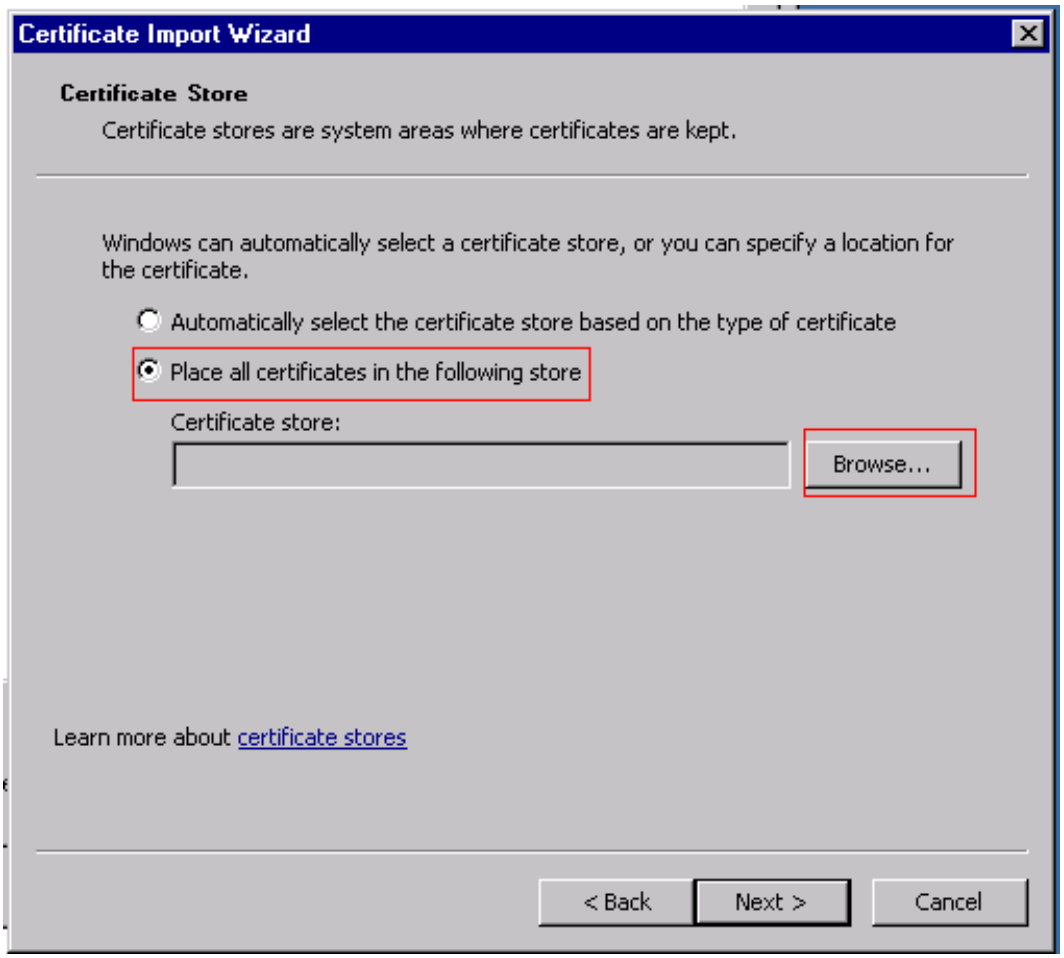

Figure 6-8 Installing a security certificate 6

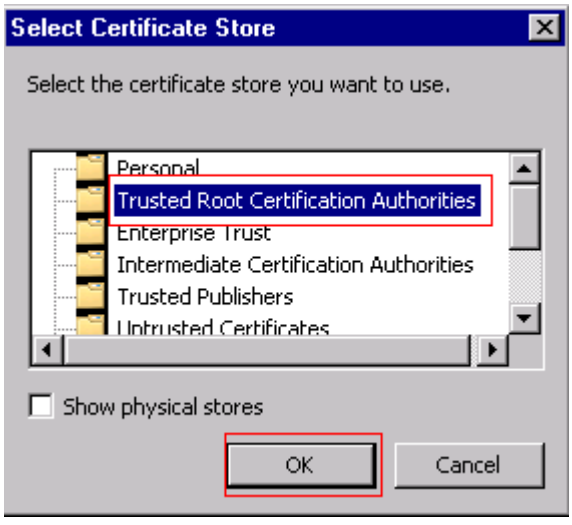

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Figure 6-9 Installing a security certificate 7

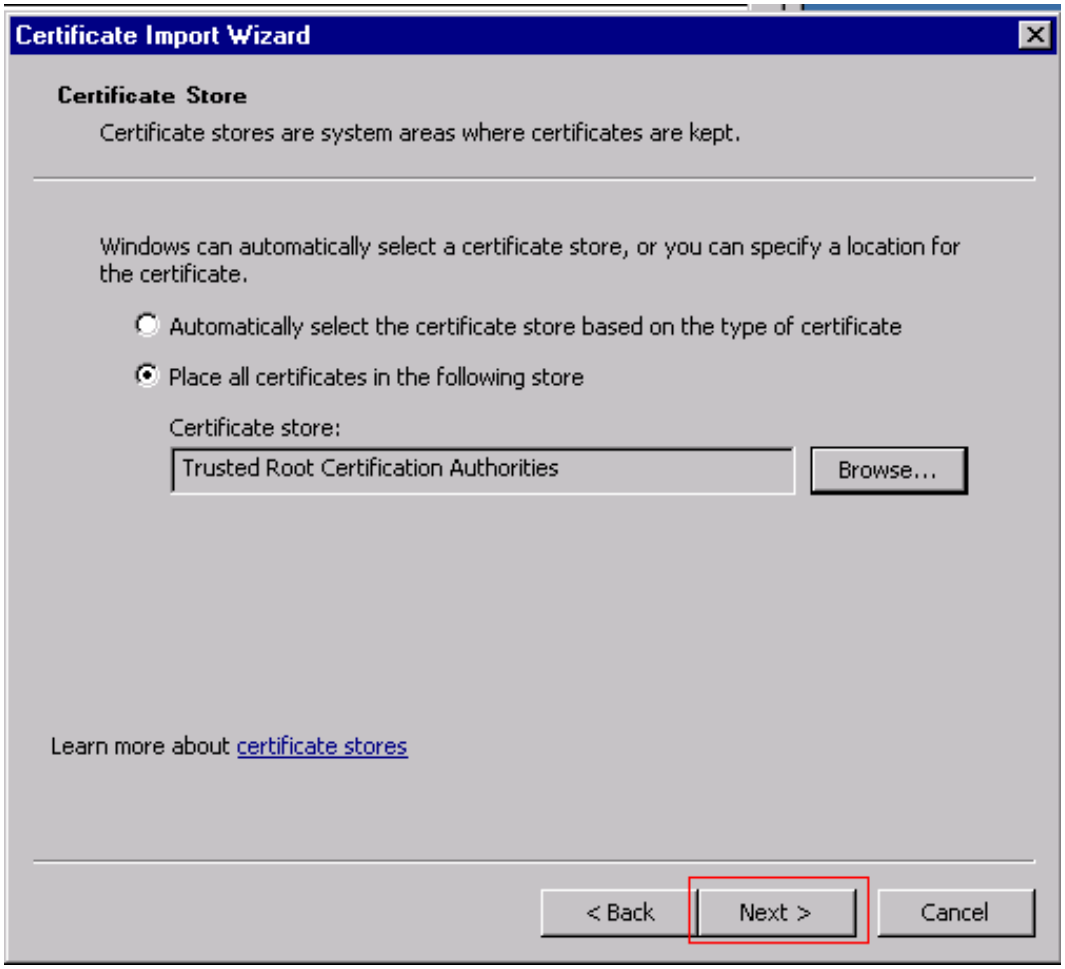

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Figure 6-10 Installing a security certificate 8

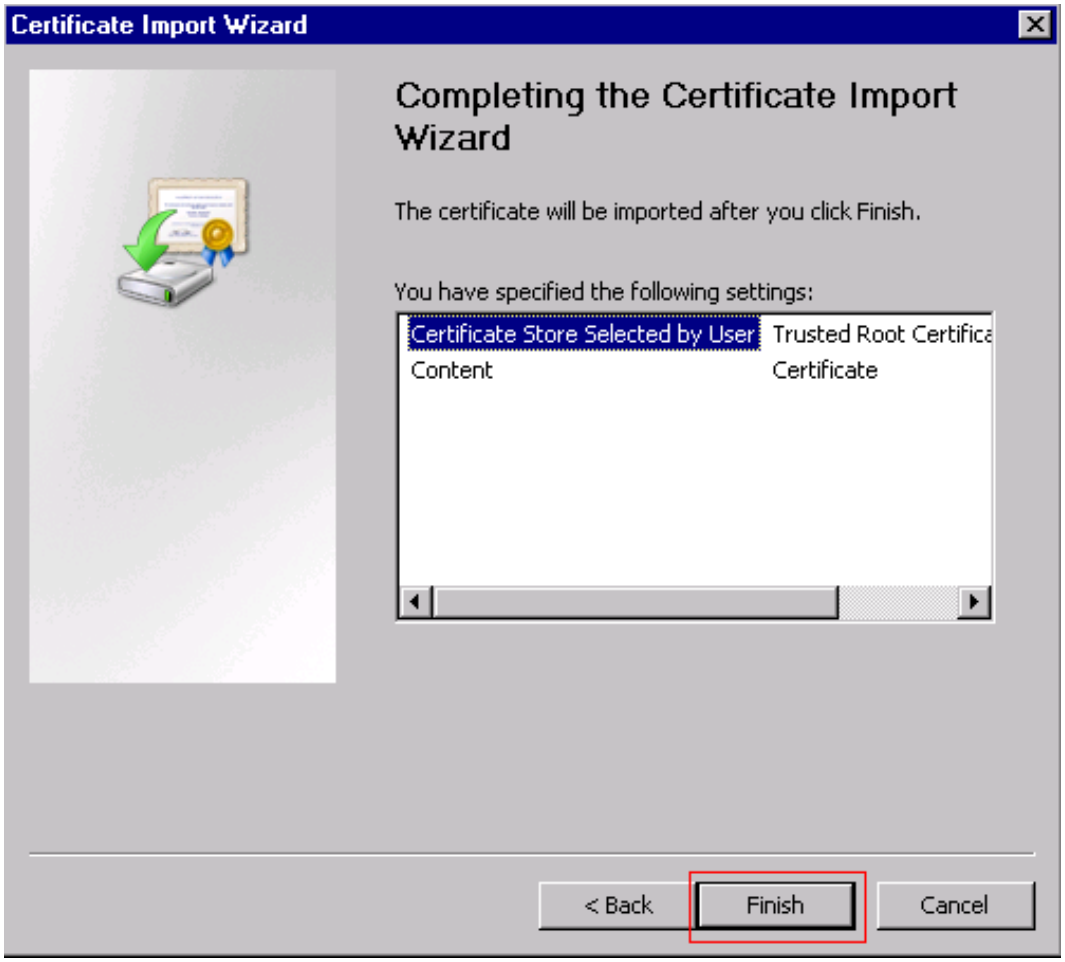

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Figure 6-11 Installing a security certificate 9

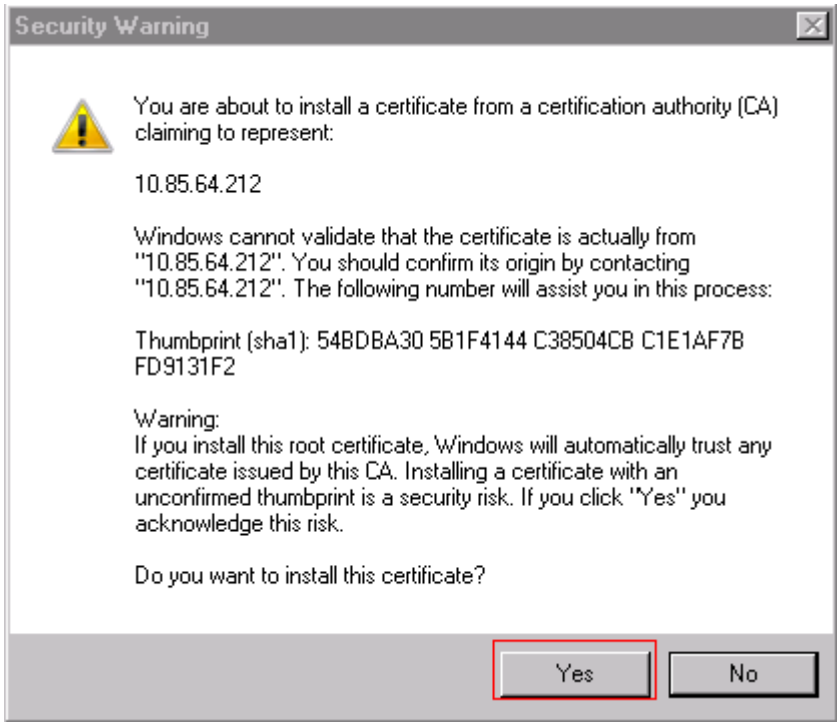
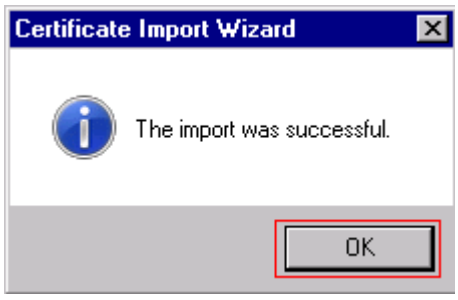


Figure 6-12 Installing a security certificate 10



Step 2 Close Internet Explorer and open it again to log in to the eSight server.

----End

Installing a Security Certificate (Mozilla Firefox)

If Mozilla Firefox displays a message indicating that the security certificate is incorrect during login to the eSight server, you need to perform the following steps to install the required security certificate.

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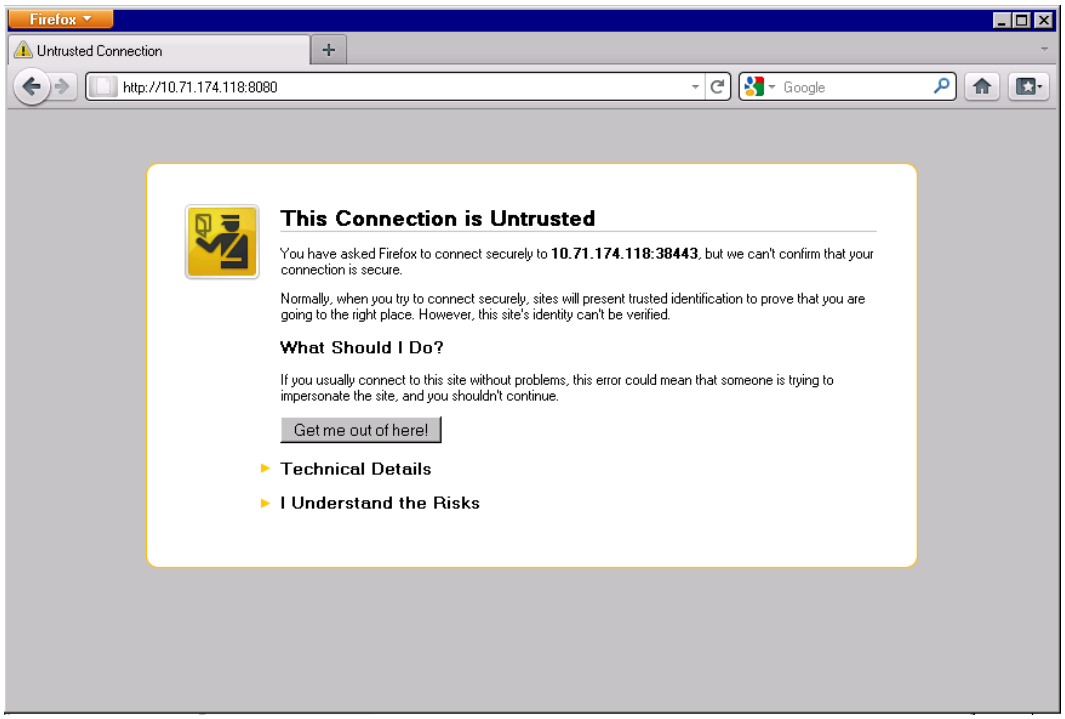
Figure 6-13 Error message



Step 1 Perform the installation as prompted.

Figure 6-14 Installing a security certificate 1

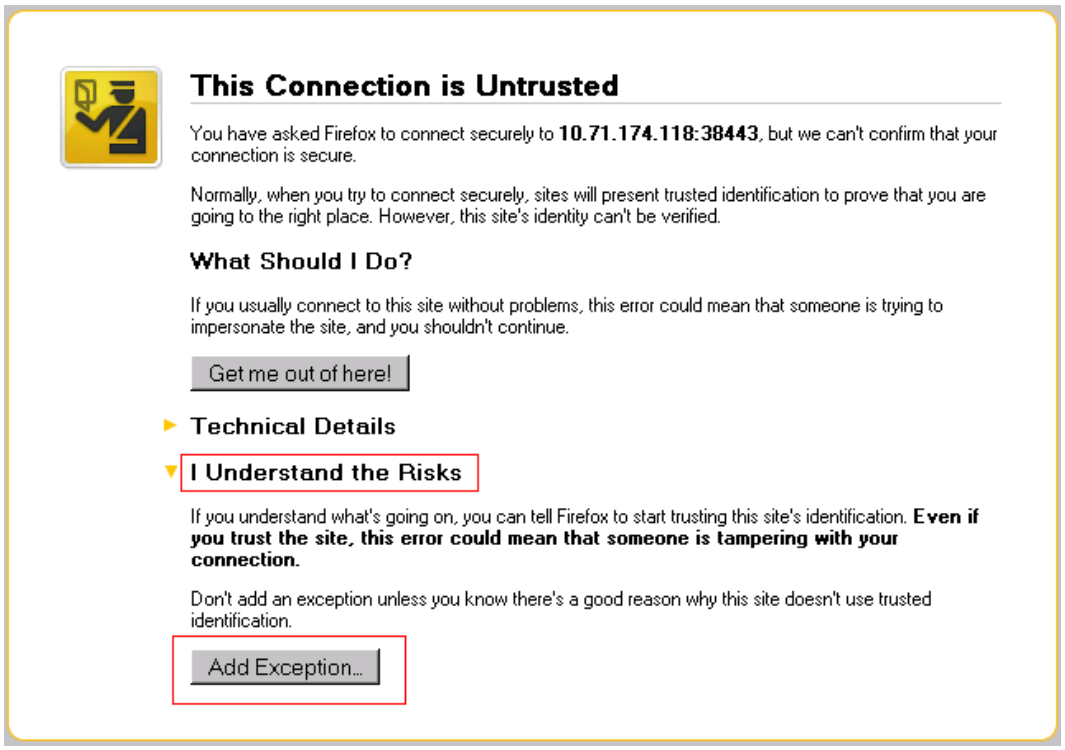


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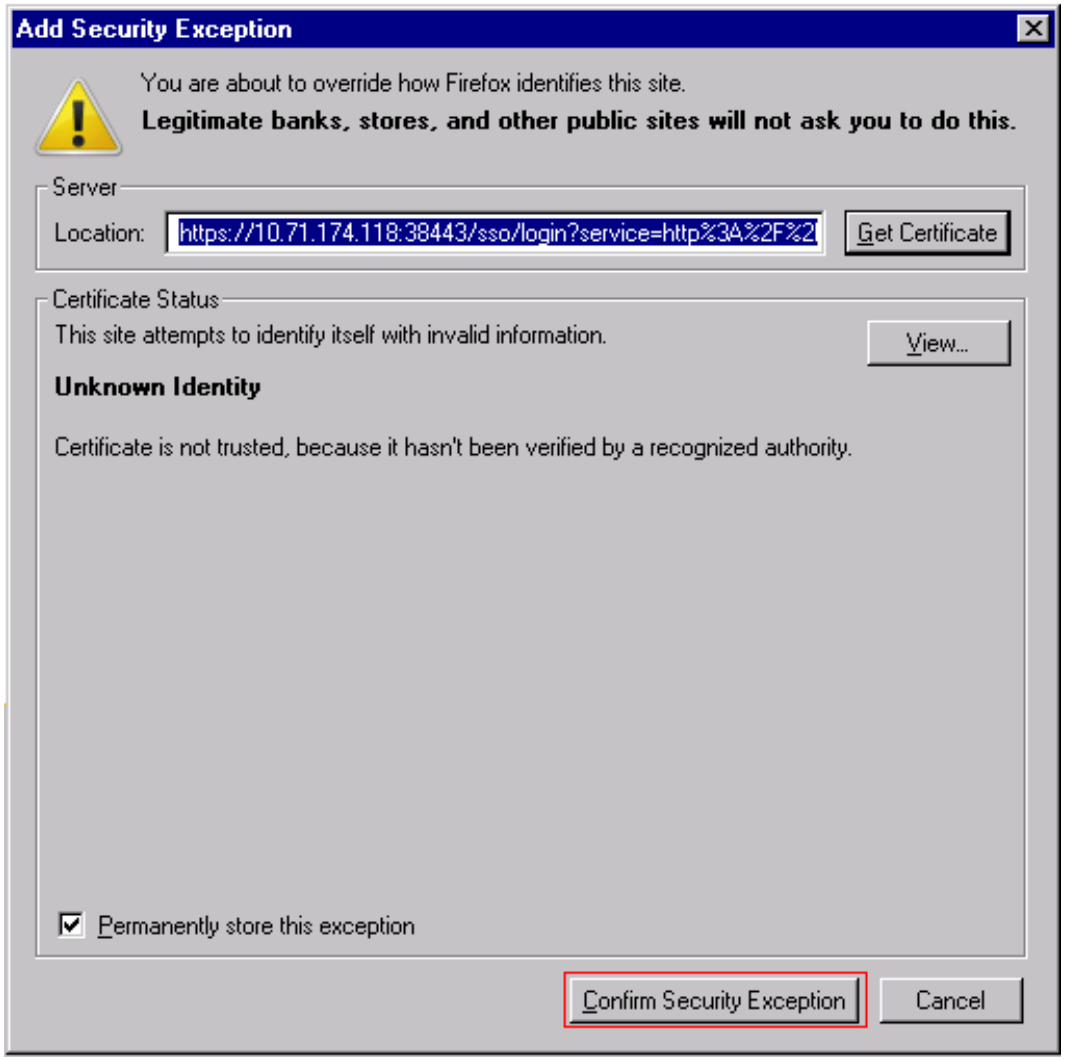
Figure 6-15 Installing a security certificate 2



Step 2 Close Mozilla Firefox and open it again to log in to the eSight server.

----End

6.9 How to Check Whether Host Names in the SUSE Linux System File Are the Same

Question

If the server host name is modified incompletely before or after the eSight system is installed, the host names in the SUSE Linux system files will be different.

The host names in the SUSE Linux system files must be the same to ensure that the eSight server runs properly.

How do I check whether the host names in the SUSE Linux system files are the same?

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Answer

Step 1 Log in to the SUSE Linux server and run the following command to view the host name in the system files:

hostname -v -i

Information similar to the following is displayed:

```
gethostname()=`linux-eSight1'
Resolving `linux-eSight1' ...
Result: h_name=`linux-eSight1.site'
Result: h_aliases=`linux-eSight1'
Result: h_addr_list=`10.137.59.36'
10.137.59.36
```

The host name is **linux-eSight1**.

Step 2 Run the following command to view the host name in the system files:

more /etc/hosts

Information similar to the following is displayed:

```
#
# hosts         This file describes a number of hostname-to-address
#               mappings for the TCP/IP subsystem.  It is mostly
#               used at boot time, when no name servers are running.
#               On small systems, this file can be used instead of a
#               "named" name server.
# Syntax:
#
# IP-Address  Full-Qualified-Hostname  Short-Hostname
#

127.0.0.1       localhost

# special IPv6 addresses
::1             localhost ipv6-localhost ipv6-loopback

fe00::0         ipv6-localnet

ff00::0         ipv6-mcastprefix
ff02::1         ipv6-allnodes
ff02::2         ipv6-allrouters
ff02::3         ipv6-allhosts
10.137.59.36    linux-eSight1.site linux-eSight1
```

The host name is **linux-eSight1**.

Step 3 Check whether the two host names are the same. If they are different, contact SUSE Linux system administrator.

----End

6.10 How to Check the Server IP Address Monitored by the Oracle Database

Question

How do I check the server IP address monitored by the Oracle database?

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Answer

Step 1 Log in to the OS of the server as the **root** user.

Step 2 Run the following command to check the server IP address monitored by the Oracle database:

su - oracle

> **more $ORACLE_HOME/network/admin/listener.ora**

Step 3 Check whether the server IP address monitored by the Oracle database is the same as the IP address selected during eSight server installation. If they are different, contact the Oracle database administrator to change them to the same.

----End

6.11 How to Change the Oracle Password Validity Period

Question

The Oracle 11g database password is valid for 180 days by default. If a password expires for more than 7 days, the password is locked and eSight is unavailable. How do I change the Oracle password validity period?

Answer

Step 1 Log in to SUSE Linux as the **root** user.

Step 2 Run the following command to log in to the Oracle database:

su - oracle

sqlplus system/*password*

NOTE

The variable *password* is set during Oracle database installation. Enter the actual password.

Step 3 Run the following commands to change the Oracle password validity period to an unlimited validity period:

SQL> **ALTER PROFILE DEFAULT LIMIT PASSWORD_LIFE_TIME UNLIMITED;**

SQL> **exit**

----End

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