Quick Start Guide to Installing Your SSL-Explorer Server using the Windows Installer

This article explains how to quickly set up a basic installation of SSL-Explorer using the Microsoft Windows Installer for Windows operating systems. By the end of this article the reader will have a fully installed SSL-Explorer VPN server instance on their target machine.

Installation Prerequisites

The SSL-Explorer server requires the Java Runtime Environment (JRE) 5.0 to operate. This can be downloaded freely from the Java website http://java.sun.com/j2se/1.5.0/download.jsp, and is also available for download during the installation process. This is only a requirement on the server side. Your clients can connect from any Java-enabled browser, including early versions of Internet Explorer that use the Microsoft VM.

Clean installation
If this is a clean installation of the chosen operating system it is strongly recommended that all service packs, updates, patches and hot-fixes be applied prior to installing SSL-Explorer.

Upgrade Installations

Simply follow these instructions to upgrade an existing installation of the Windows Installer release:

Step 1
Ensure that the SSL-Explorer service is not running by stopping the service in the Service tracker. Launch the new SSL-Explorer installer and follow the instructions just as when SSL-Explorer was first installed. When the prompt to choose a location to install appears, select the current location of the installation being updated. A prompt then appears with an option to Keep or Remove the current configuration, select the Keep Current Configuration option. Continue the installation as before until the new files are installing.

Step 2
After the old version has uninstalled and the new files are installed, click Finish to exit the Wizard.

Step 3
Now the SSL-Explorer service can be started again. The installation will be updated, however your old configuration will remain in place.

Installation of SSL-Explorer

This section explains the steps required when using the standard SSL-Explorer installer. The process is identical for both Community and Enterprise editions of SSL-Explorer. Instructions for installing the Source Code distribution of SSL-Explorer: Community Edition can be found in the 3SP Knowledge Base,
http://3sp.com/kb/idx/63/167/article/How_do_I_install_the_source_code.html.

Step 1
Ensure that the currently logged in account has the correct permissions to enable the running of an installation program. Locate the SSL-Explorer installation program and double-click on the SSL-Explorer icon to launch the application.
This will start the installation program and display the following screen.
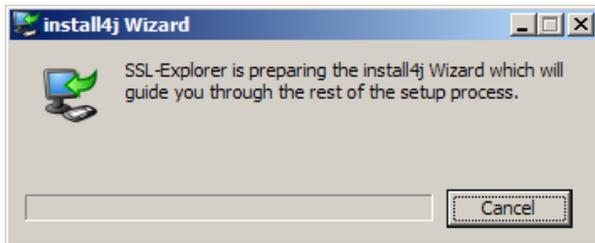
Step 2
If the SSL-Explorer installation program is unable to locate the Java environment, the following message is displayed.
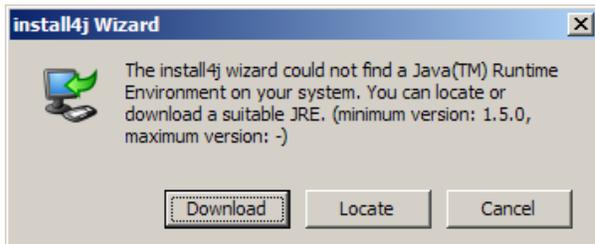
Step 3
Simply click on the **Download** button in order to retrieve the required Java environment and have it placed in the servers' directory. The following is displayed when the JRE is being downloaded.

Step 4
Once the download is complete the following screen is displayed automatically, click the **Next** button to advance to the next screen.


Step 5
To agree to the licensing agreement select the **I accept the agreement** radio button. This enables the **Next** button which should now be pressed.
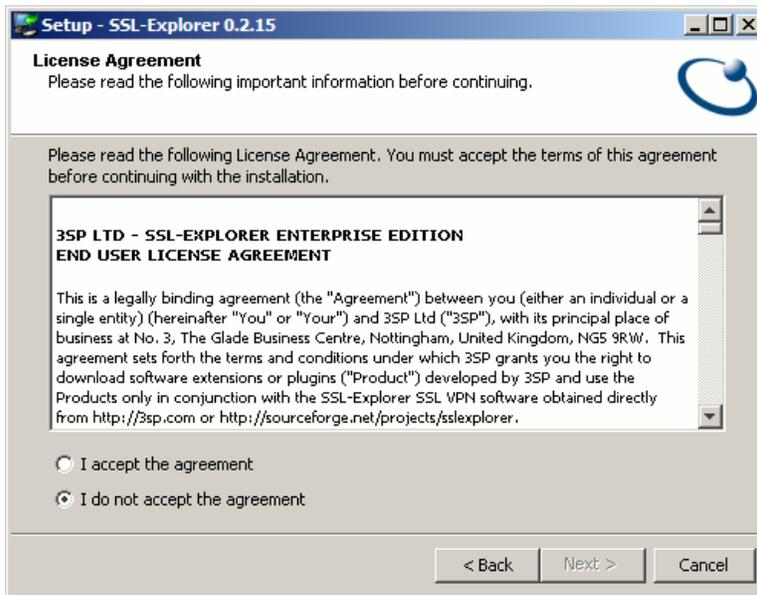
Step 6
Once the location where SSL-Explorer is to be installed has been selected, simply click the **Next** button.
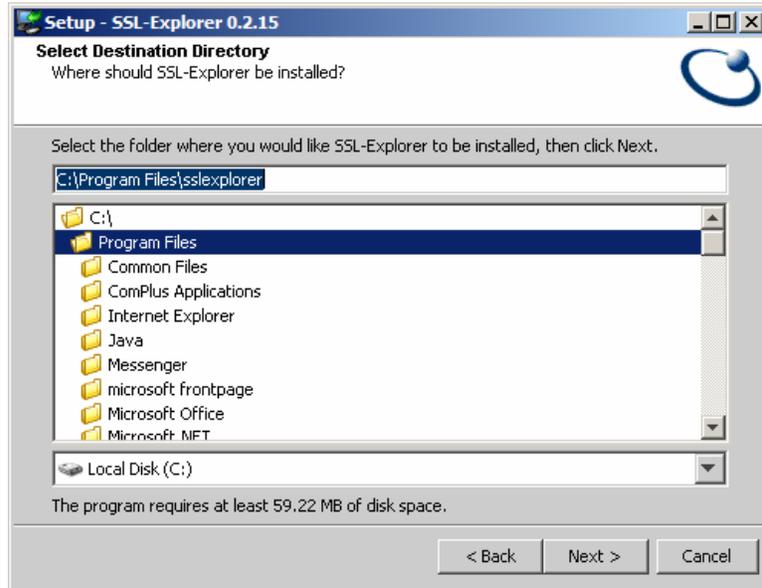

Step 7
This screen shows the components to be installed. There is only Program files displayed which can not be de-selected. No changes to this page can be made so just press the **Next** button.
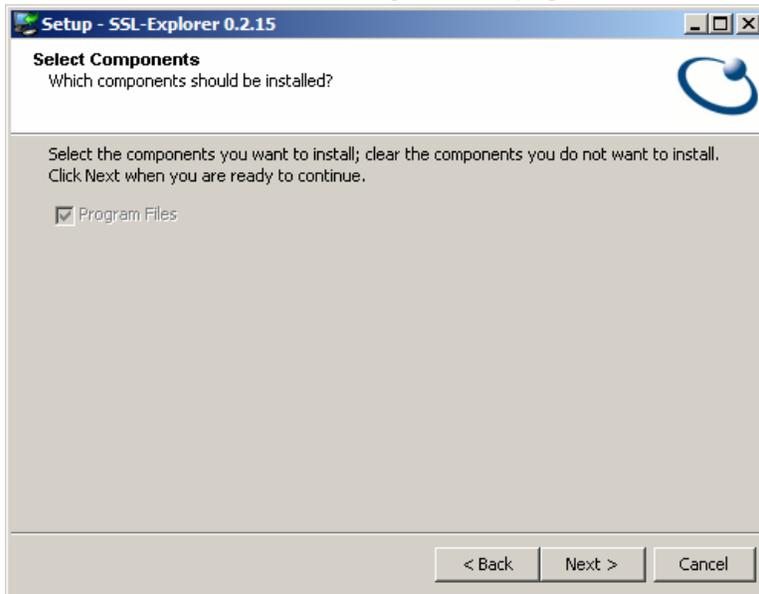
Step 8
This screen allows the selection of a Start Menu Folder. By default Start Menu Shortcuts are created for all recognised system users. Once the Folder has been selected simply press the **Next** button. This then displays the Installing screen as shown below.
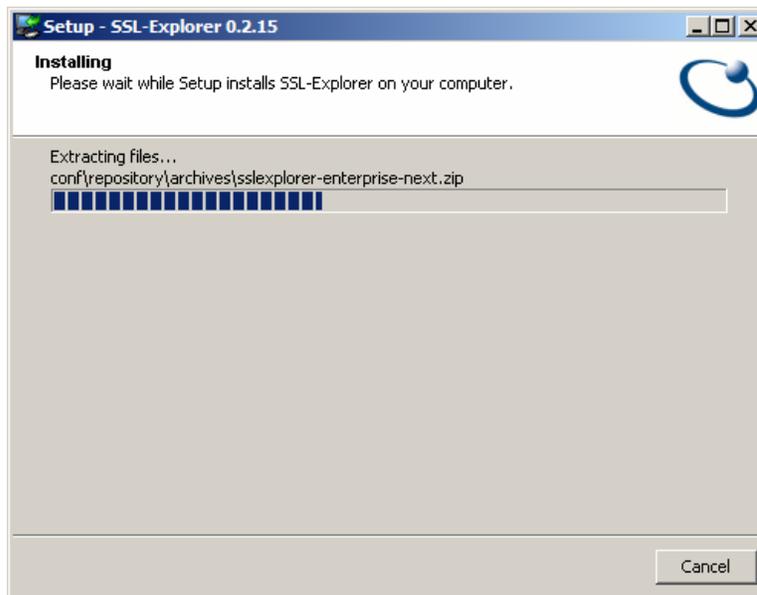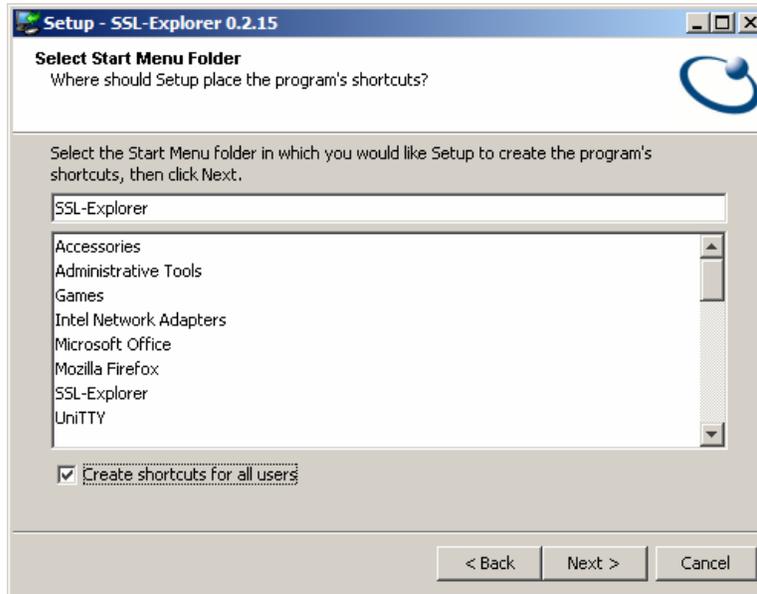
Step 9
The Installation progress screen will close automatically and display the following screen. Clicking the **Launch** button triggers the launching of the setup mode. This in turn should, but not always, launch a web browser pointing to the setup mode. If this does not occur within a few minutes it can be forced manually by opening a browser and pointing it to http://localhost:28080.
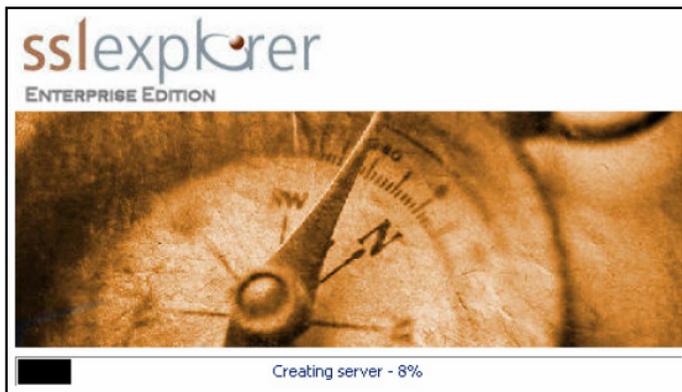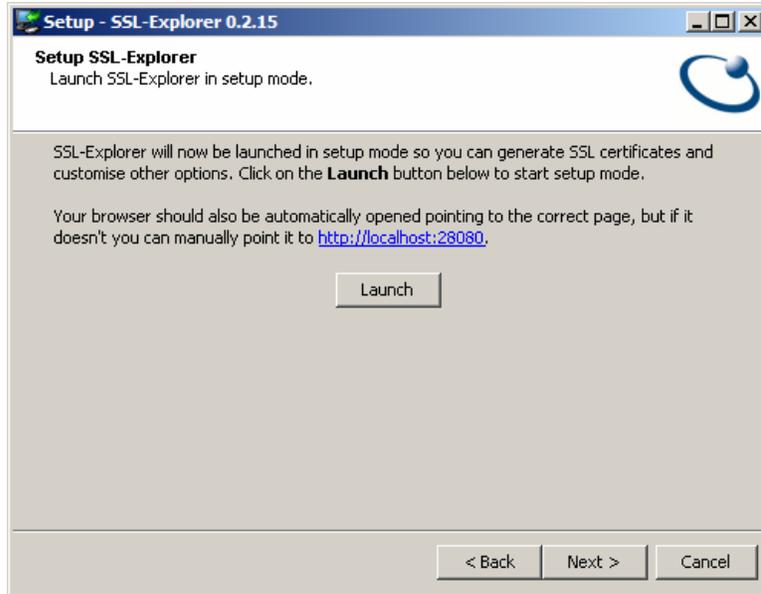
Please note that when installing SSL-Explorer on a Windows XP machine with Service Pack 2 installed, the browser will not be able to connect if the Windows Firewall is enabled. It is recommended in any case that the SSL-Explorer server should not be acting as both firewall and VPN server. If such a problem is encountered, check whether the problem disappears when the firewall has been disabled.

Step 10

The first part of the setup is to create an SSL Certificate for use with SSL-Explorer; in this setup a new certificate will be created. Select the Create New Certificate option and click the **Next** button.
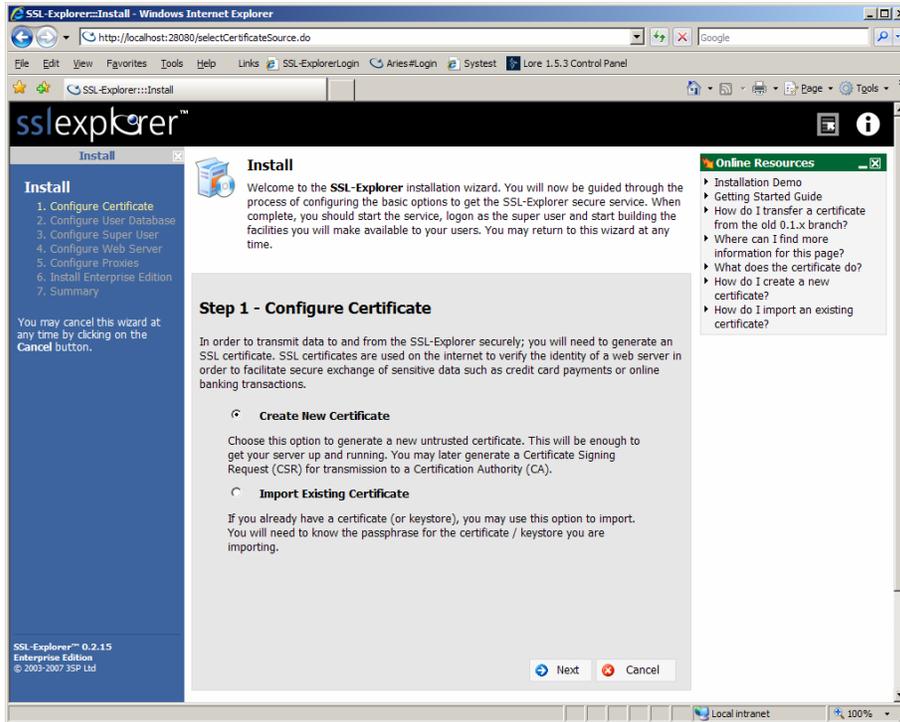
Step 11

A passphrase will need to be set, which will be used to encrypt the generated keystore. The passphrase must be at least 6 characters, once a valid passphrase has been entered, click the **Next** button.
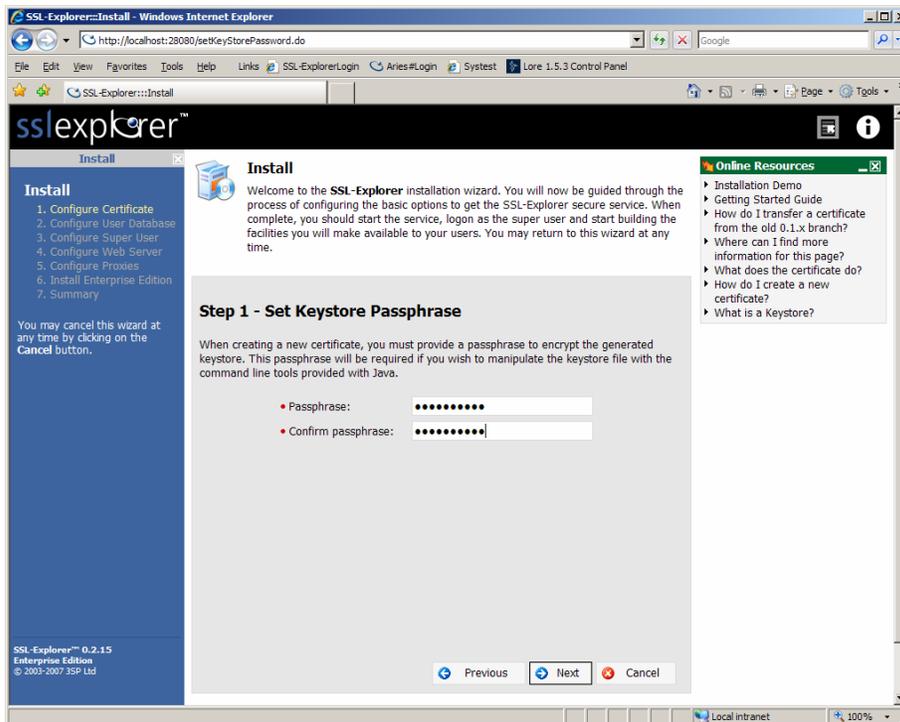
Step 12

Now the details that will make up our untrusted certificate need to be given. Enter the valid answers for the fields on the page and once complete click the **Next** button.
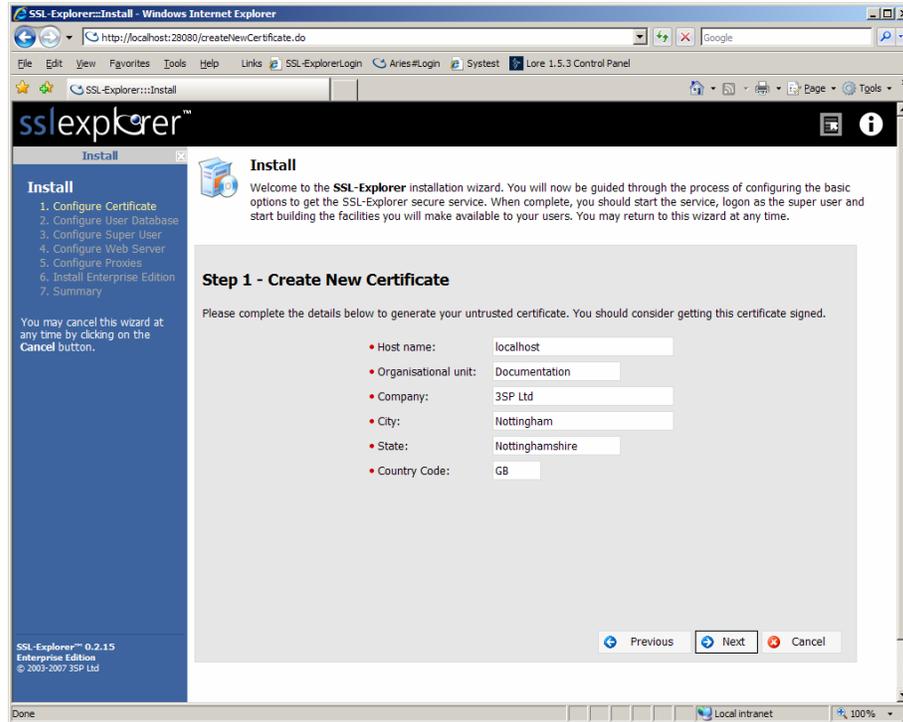
Step 13

After creating the certificate, the type of user database you are going to use needs to be selected. For the purposes of this guide a Built-in database will be created with only a Super User for the time-being. Select the Built-in option and click the **Next** button.
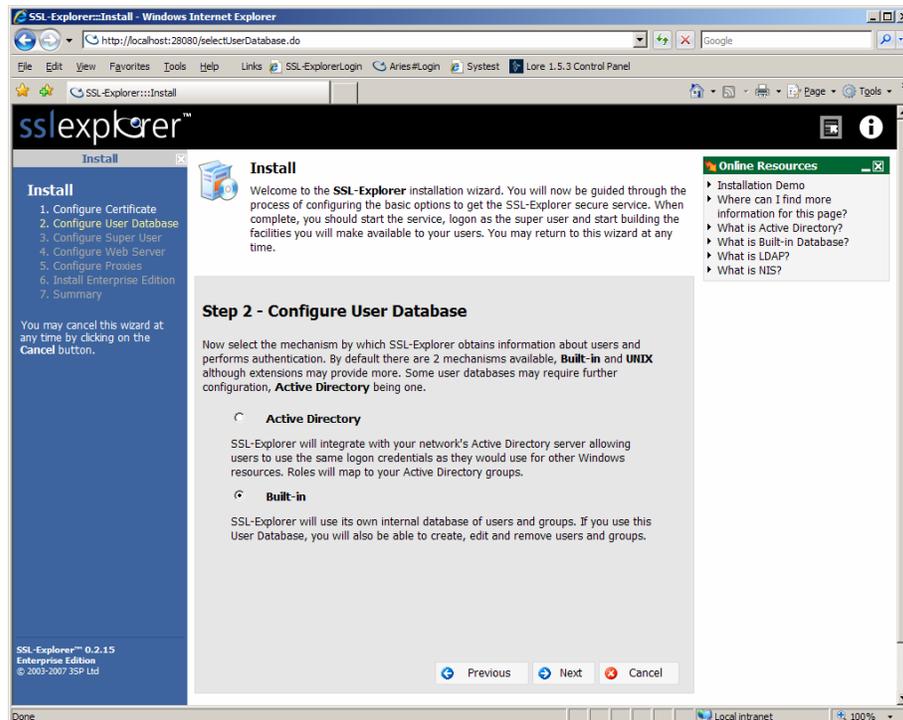
Step 14

Now that a database has been selected the,Super User account must be set. This is the first user so a username and password must be supplied. An email address can also be entered to make use of some of SSL-Explorers other features. After the details have been entered select **Next**.


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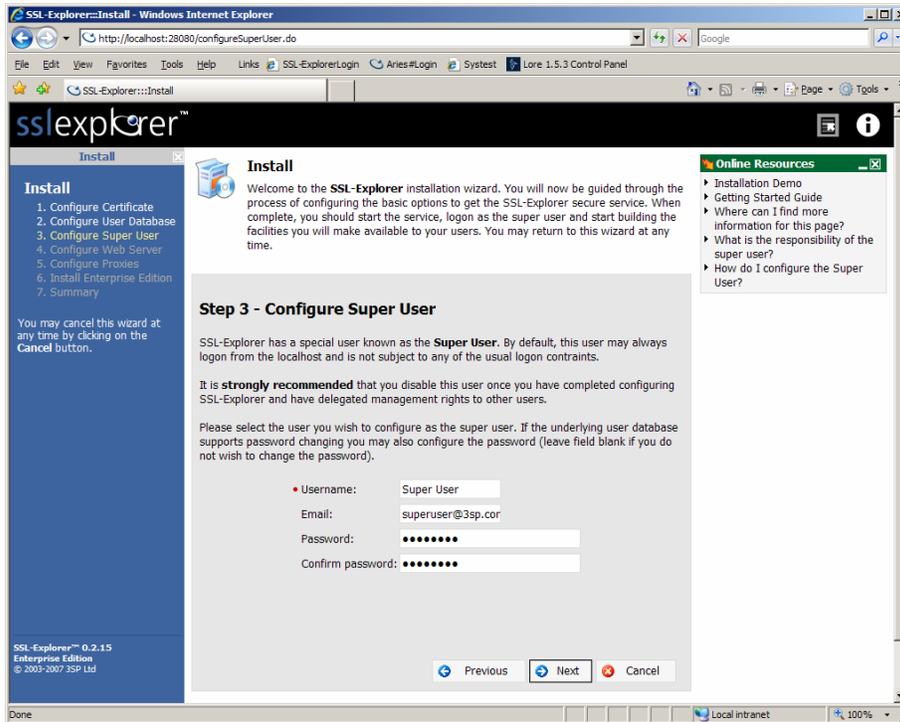
Step 15

Next, SSL-Explorer's web server options need to be configured. For the purposes of this guide the settings will be left as default, click the **Next** button.
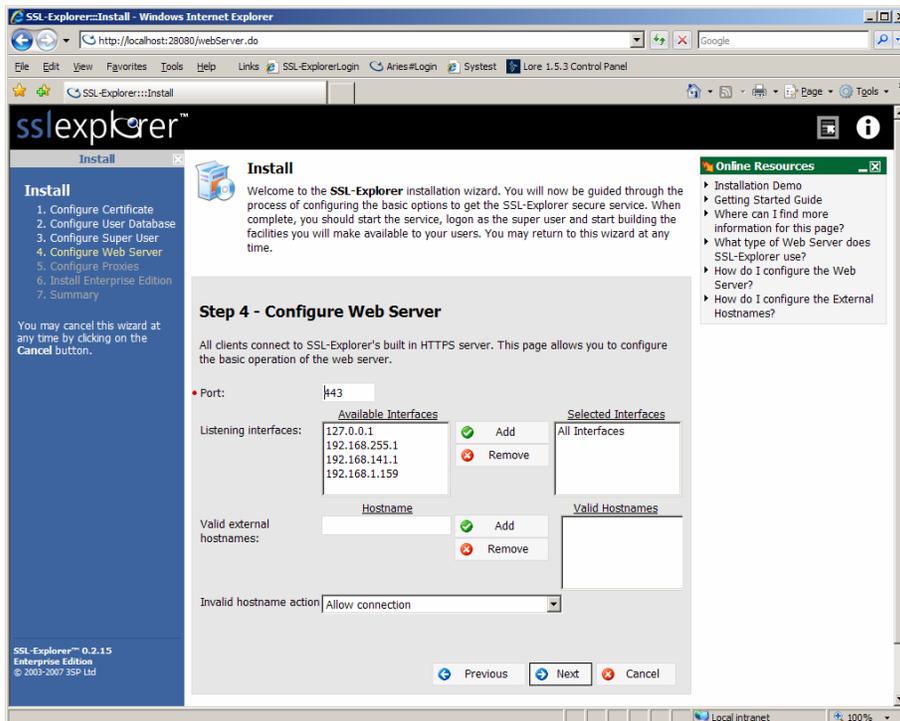
Step 16

SSL-Explorer will need to be configured to operate through any proxies that may be between SSL-Explorer and external hosts or resources. In this guide no proxies will be configured, but documentation can be found in the Administrators guide. Click the **Next** button to continue.
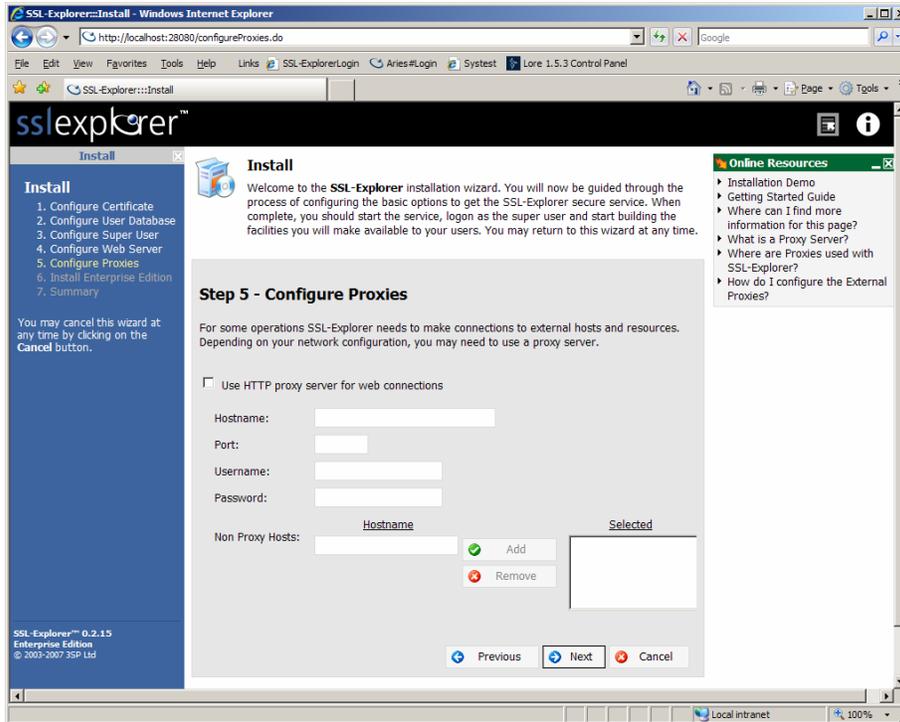

Step 17

If SSL-Explorer Enterprise Edition has been purchased, the license can be uploaded here. If no license is available at this time, for the first installation SSL-Explorer provides a free evaluation license. Contact sales@3sp.com where advice and licenses can be provided. Click **Next**.
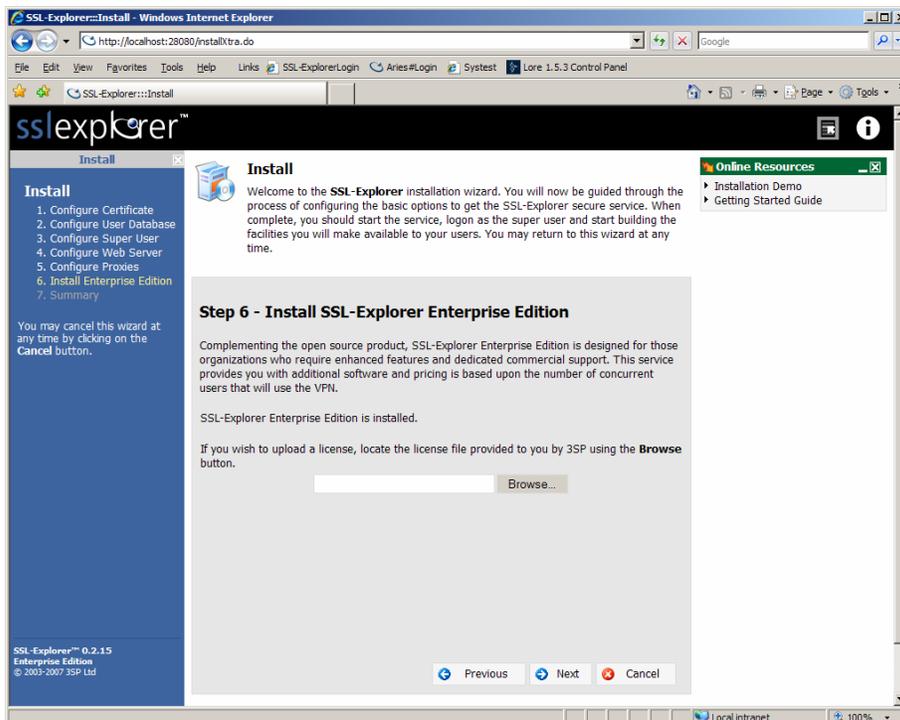
Step 18

A summary of the installation is now displayed, where there is an opportunity to review the selections and the details that have been entered. If any changes need to be made, then any of the previous pages can be returned to by clicking Previous . Click the **Finish** button.
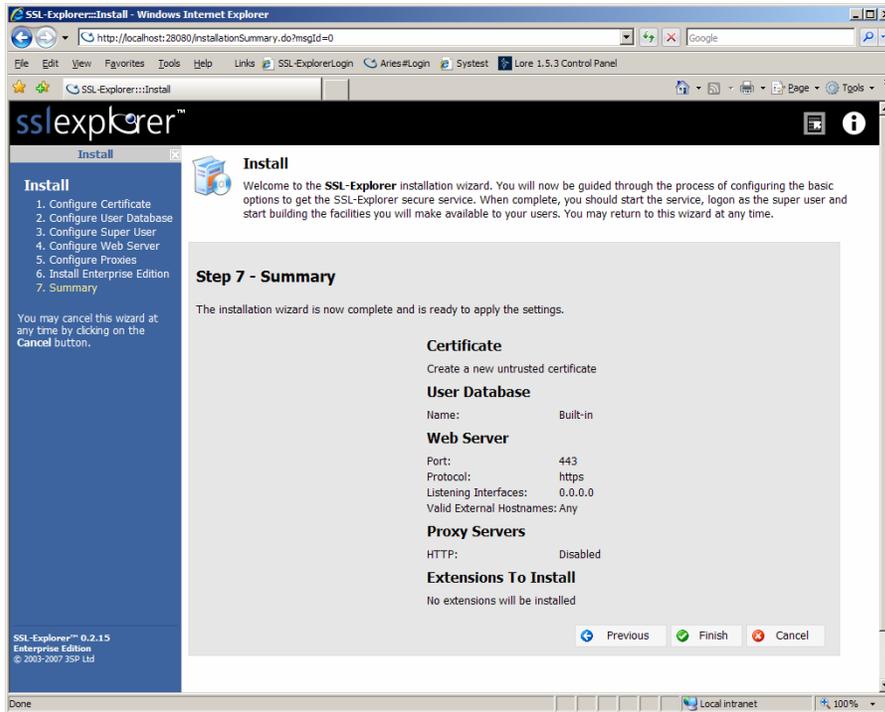

Step 19

SSL-Explorer will now process the information entered, setup the server details, and create the user database. A progress bar is also displayed advising of progress.
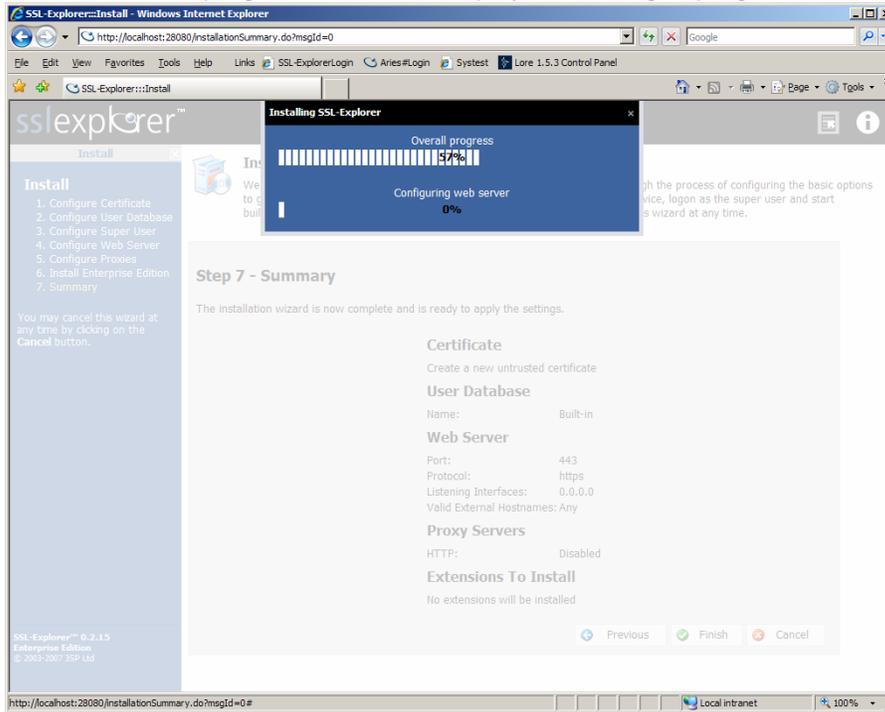
Step 20

Once all information has been processed and the server information has been configured, a final page is displayed that informs if the process was successful or if it failed. If it failed, the location and reason for the failure will be shown. If everything passes with no problems then click the **Exit Install** button.
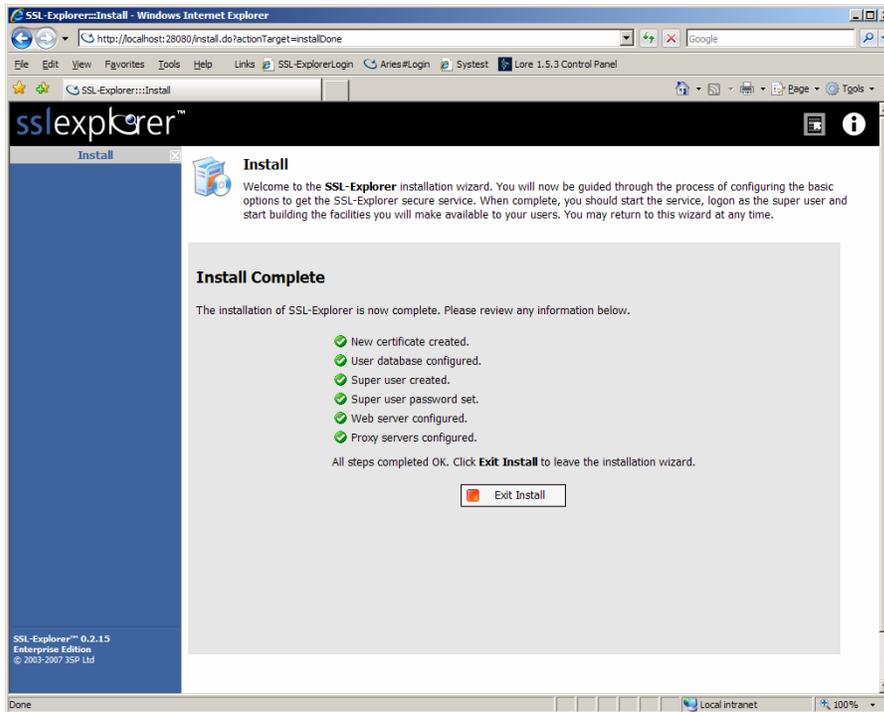

Step 21

The Installation mode will now exit.
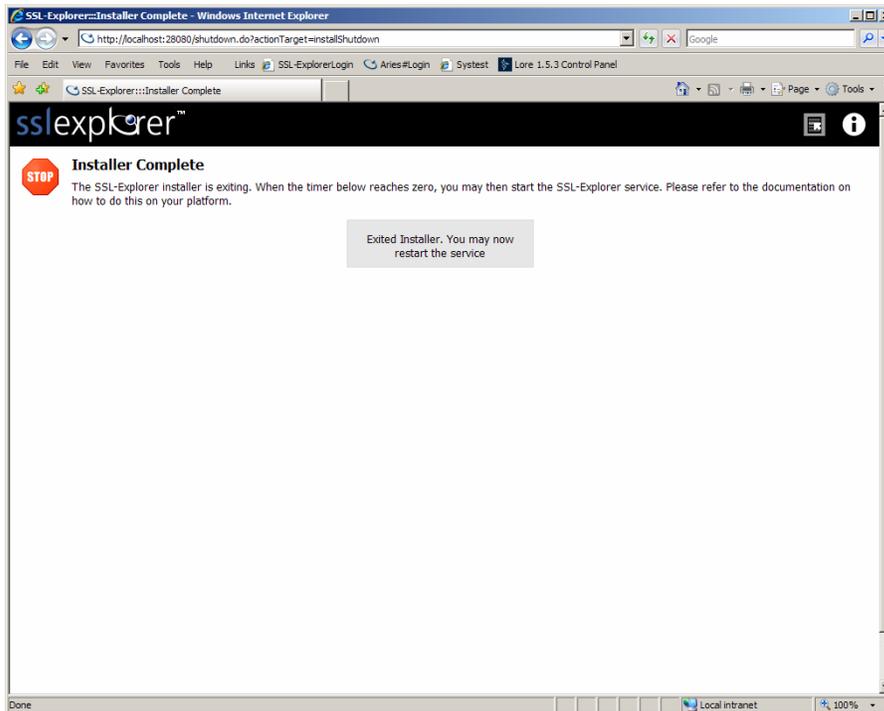
Step 22
Now that the configuration is complete close the browser and return to the installer, which will be displaying the following message, click the **Next** button.
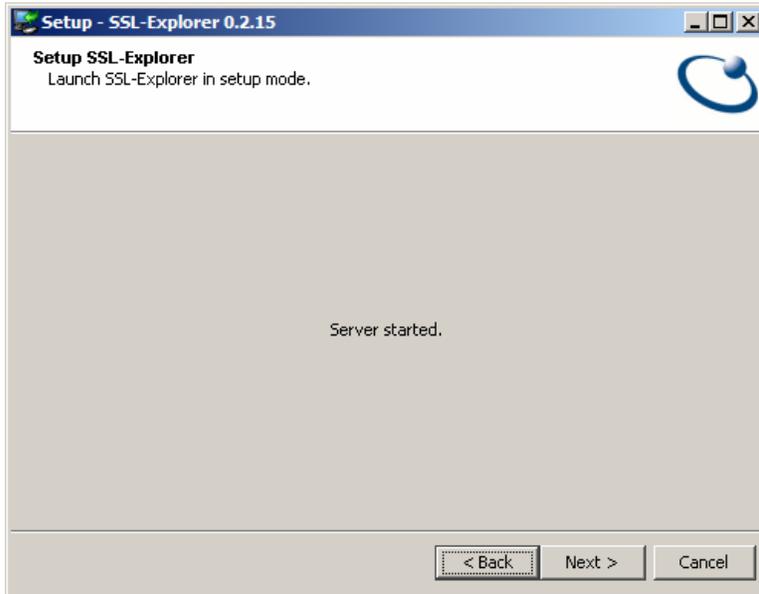

Step 23
Now that the installation and is complete it only remains for the **Finish** button to be clicked. This closes the installation screen.
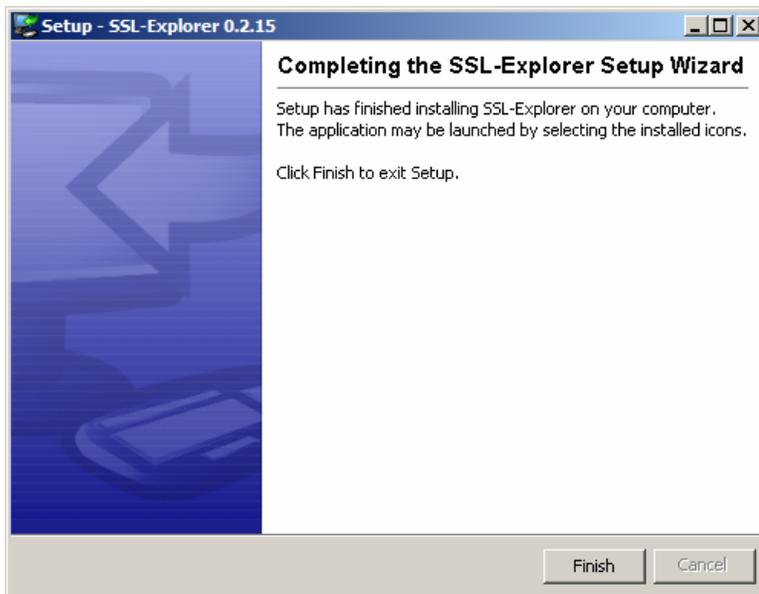
Step 24
The installation is complete but the service is not yet running. Open up the Windows Services tracker found in Control Panel > Administrative Tools > Services and the screen below will be shown.
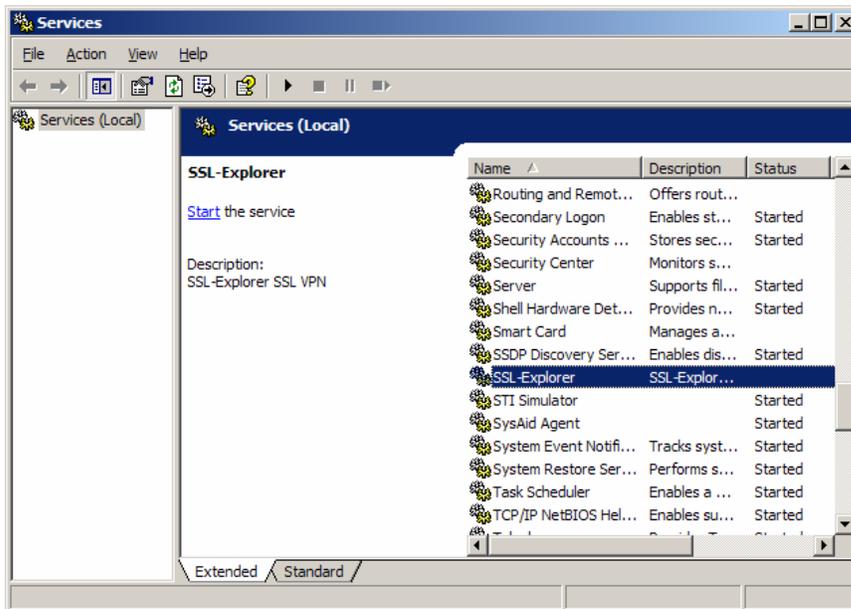
Locate SSL-Explorer in the list, its status will currently be set to **Stopped**. Right click the SSL-Explorer Service and select the **Start** option, the service will now be started.
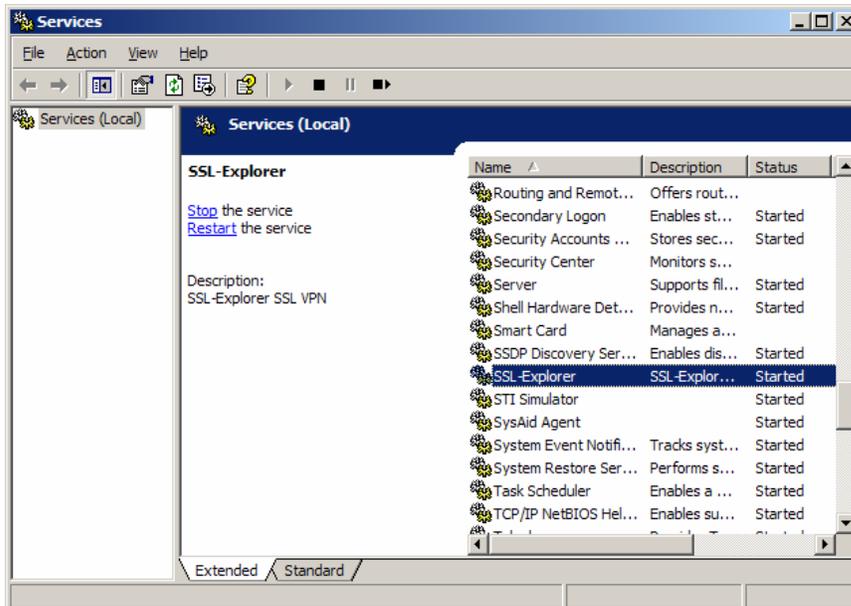
Step 25
Now that the service has been started allow a few seconds for everything to start-up, open a browser and connect to the system using https://servername.domain.com.