
SSL

Installing your new Certificate



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Introduction

There are a number of steps in adding a digitally signed certificate. This guide assumes that you have already [Created a Certificate Signing request](#), and have now received your new signed certificate.

Once this is complete, you can add the certificate to your server and set up secured connections on your website.

Preparing your Certificate

Once you have received your signed certificate by email you should copy and paste it into a text editor, such as Notepad or Vi.



Quick tip: Ensure that you copy the certificate into a text editor. Word Processors such as Microsoft Word will add hidden formatting characters that will stop your certificate from working when installed on your server.

Your certificate should take the following format:

```
----- BEGIN CERTIFICATE -----  
Code  
----- END CERTIFICATE -----
```

Check that there are 5 dashes to either side of BEGIN CERTIFICATE and END CERTIFICATE and that no whitespace, extra line breaks or additional characters have been added during the copy and paste process.

Save the certificate as a .crt file and upload this file to your server. Make a note of the certificate name and location as you will need this when you install your certificate.

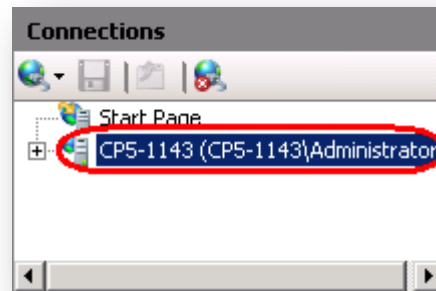
Installing your Certificate

IIS 7.0

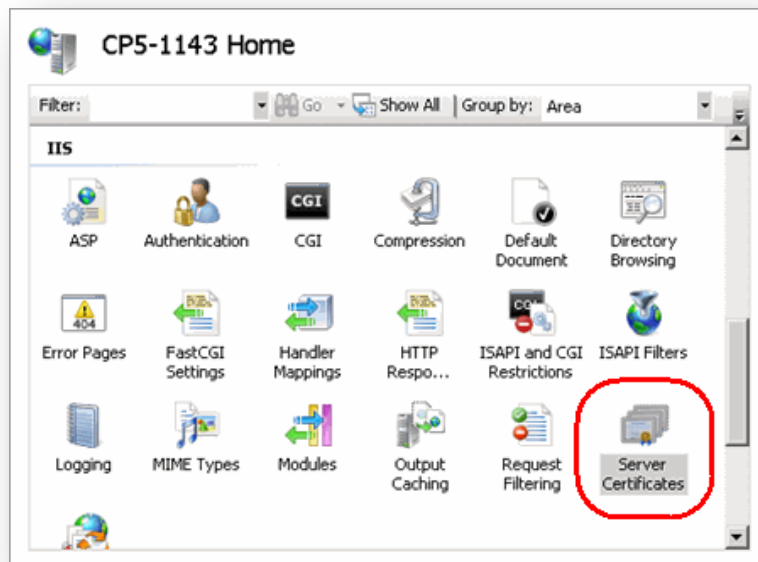
Step 1

Choose **Start > Administrative Tools > Internet Information Services (IIS) Manager**

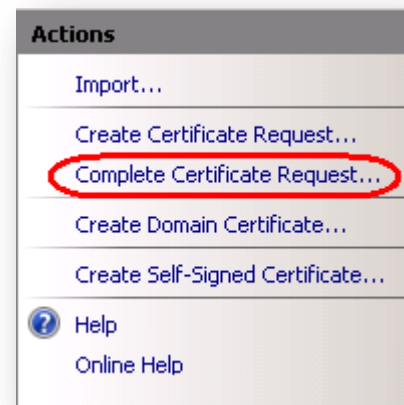
Step 2 In the IIS Manager, choose your server name.



Step 3 In the Features pane (the middle pane), open the **Server Certificates** icon. This will be located in the IIS section, or the Security section, depending upon how you are grouping your icons.

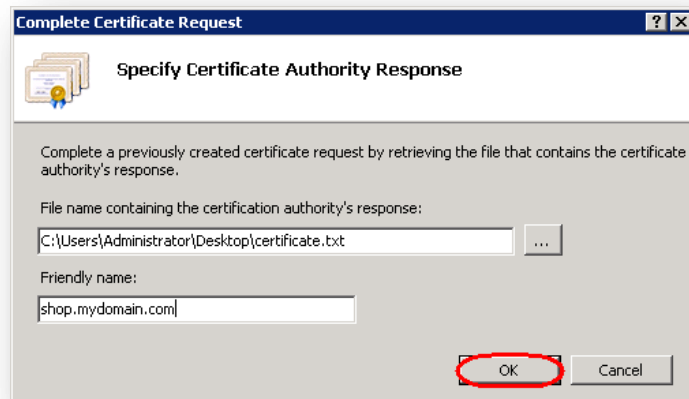


Step 4 In the right hand *Actions* pane, click **Complete Certificate Request**.



Step 5 In the text boxes provided, enter the path to your new certificate, and enter a friendly name for this certificate.

The friendly name allows you to quickly identify the certificate. You can choose any name you like.

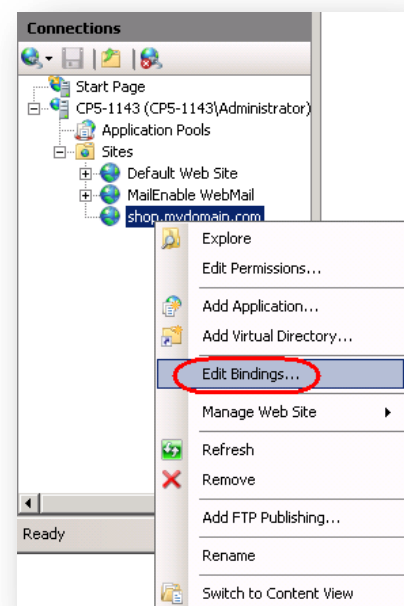


Once done, click **OK**.

Associating your certificate with your website

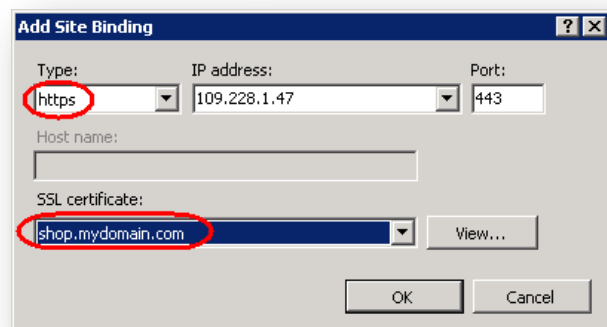
Step 6 Leaving IIS open, and using the left hand Connections pane, right click on the website you want to add SSL to.

Step 7 Then click **Edit Bindings**.



Step 8 A list of your bindings will appear. Click the **Add** button to add a new binding.

Step 8 In the Bindings window select the binding type as **https**, then select the certificate to be used with the site.

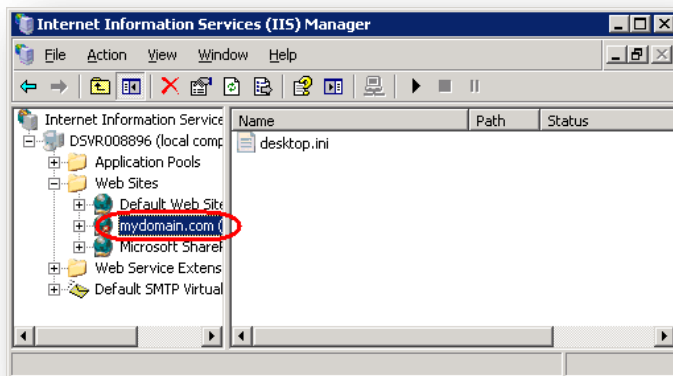


Step 9 Once done, click **OK**.

IIS6

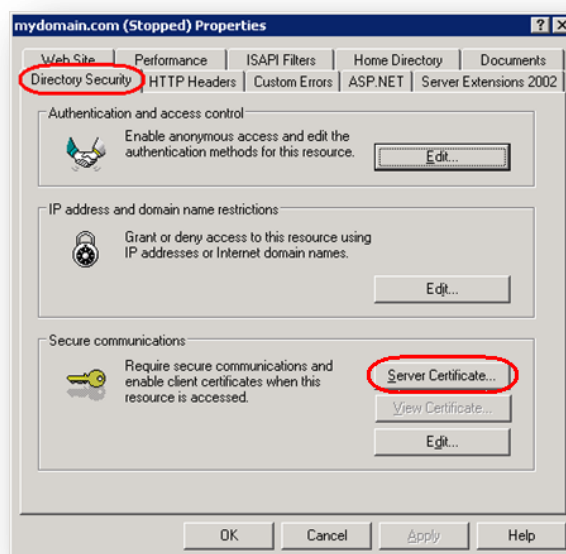
Step 1 Click **Start > All Programs > Administrative Tools > Internet Services Manager (IIS) Manager**

Step 2 Expand your Server Name and select **Website**.

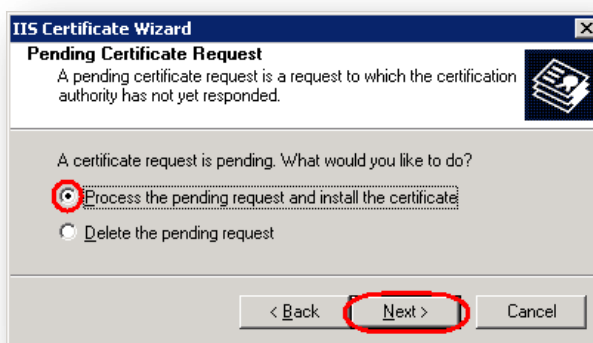


Step 3 Under Web Sites, right-click the corresponding Web site you wish to secure and click **Properties**.

Step 4 Click the **Directory Security** tab. Then click **Server Certificate**.

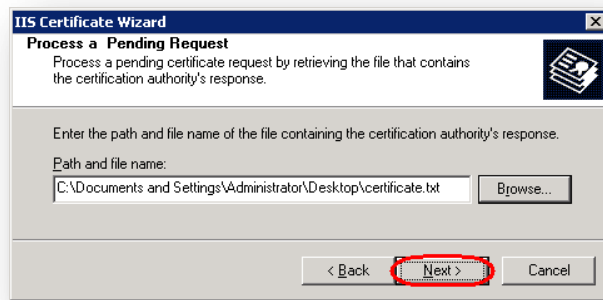


Step 5 The Web Server Security Wizard will open. Click **Next** to start the Wizard and then select **Process the pending request and install the certificate**.



Step 6 Enter the path to your certificate and click **Next**.

Step 7 Read the summary screen to be sure that you are processing the correct certificate and then click **Next**. Click **Next** again to confirm.



Assign your site an SSL port (443 by default) then **Stop** and **Start** your Web server before any testing.

Note: If you don't specify an IP address when installing your SSL Certificate the same ID will be used for all sites created on your server. If you are hosting multiple sites on a single server you can specify that the ID only be used for a particular server IP address.

Apache

Step 1 Navigate to your httpd.conf configuration file and find the *Virtual Host* settings. There should be two directives within these settings.

SSLCertificateFile should point towards the location of your newly signed public key. For example:

```
SSLCertificateFile /usr/local/ssl/crt/public.crt
```

SSLCertificateKeyFile should point towards your private key file. For example:

```
SSLCertificateKeyFile /usr/local/ssl/private/private.key
```

Note: Some instances of Apache contain both a httpd.conf and ssl.conf file. Please enter or amend the httpd.conf or the ssl.conf with the above directives. Do not enter these directives into both as this will cause a conflict.


Step 2 Next, save the httpd.conf file and restart apache with the following commands:

```
apachectl stop
```

To Stop Apache, then:

```
apachectl startssl
```

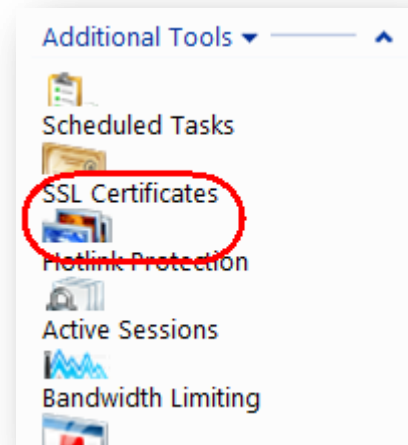
Step 3 To restart apache. Should Apache fail to restart you should check the Apache error logs for further information on the problem.

 **Quick tip:** Additional information on this process can be found on the Apache website at: http://httpd.apache.org/docs/2.0/mod/mod_ssl.html

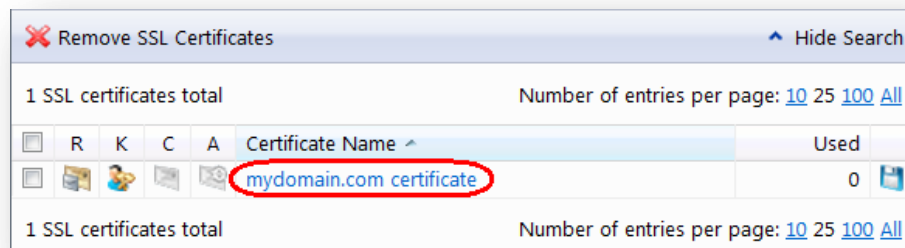
Plesk

Step 1 Log into your Plesk Control panel and navigate to the domain name you would like to add SSL to.

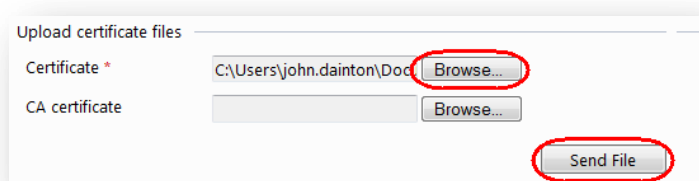
Step 2 In the Additional tools section, click **SSL Certificates**.



Step 3 You will be returned to the SSL Certificates page where you can view a list of your SSL Certificates. Click on the certificate that you have just created.

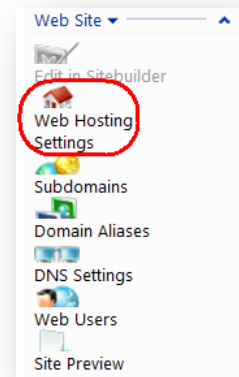


Step 4 Click **Browse** and then navigate to the location of the saved certificate. Select it, and then click **Send File**. This will upload and install the certificate against the corresponding



private key.

Step 5 Return to the domain's administration screen (**Domains > domain name**) and click **Web Hosting Settings**.

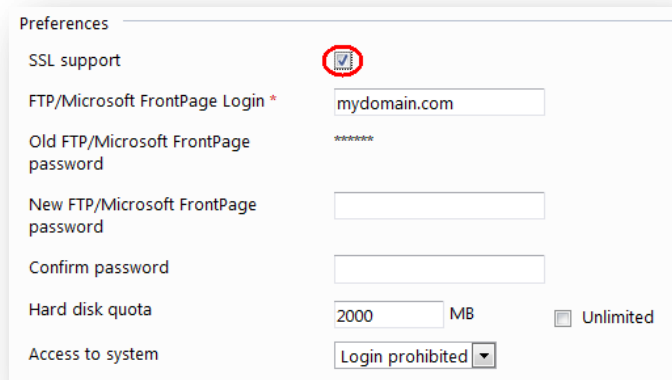


Step 6 Select the SSL certificate that you wish to install from the **Certificate** menu.



Note: If no certificates are listed on this screen, your domain name is not using an exclusive IP address. An IP address should be allocated exclusively to this domain for SSL to be configured.

Step 7 Select the *SSL support* check box and click **OK**.



Other operating systems

Geotrust – The suppliers of our SSL Certificates have additional information for installing SSL Certificates on operating systems not listed in this manual. This information can be found on their website at: <http://www.geotrust.com/support/installation-instructions>

If your operating system is not listed on this page you should contact your OS supplier, who should be able to support you through this process.

After you have installed SSL on your website

Once you have installed your new certificate on your website you can offer your customers further piece of mind by adding the QuickSSL Premium True Site Seal you your secured pages if you want.

Customers clicking this seal will be able to see further information regarding your certificate, and confirm that it has been signed by GeoTrust.

The process for adding a site seal to your site is explained on GeoTrust's website at: <http://www.geotrust.com/support/quick-ssl-support/premium-true-site-seal>