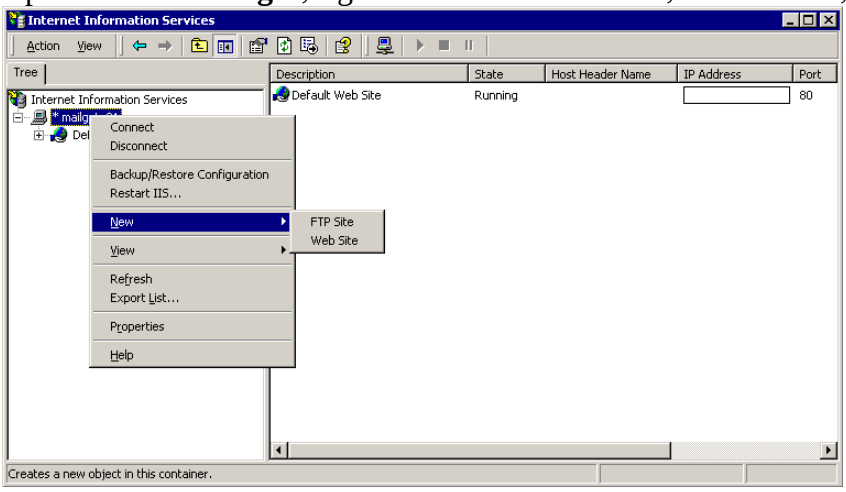
How To: Install a SSL certificate on IIS 5.0/6.0 when you cannot use the Renew Certificate option.

When using an SSL certificate to secure a web site, you can typically choose to "renew" an existing certificate with the original certificate authority. If you decide to switch SSL providers when the time comes to renew, you cannot simply choose to "renew the current certificate". You need to generate a new CSR for the site, but do not have that option available if an SSL certificate is currently associated with the site. Removing the current certificate in order to generate a new CSR is typically not acceptable.

You can create a new virtual web site in IIS and use it to generate a CSR to use with the existing live site. This document walks you through that process.

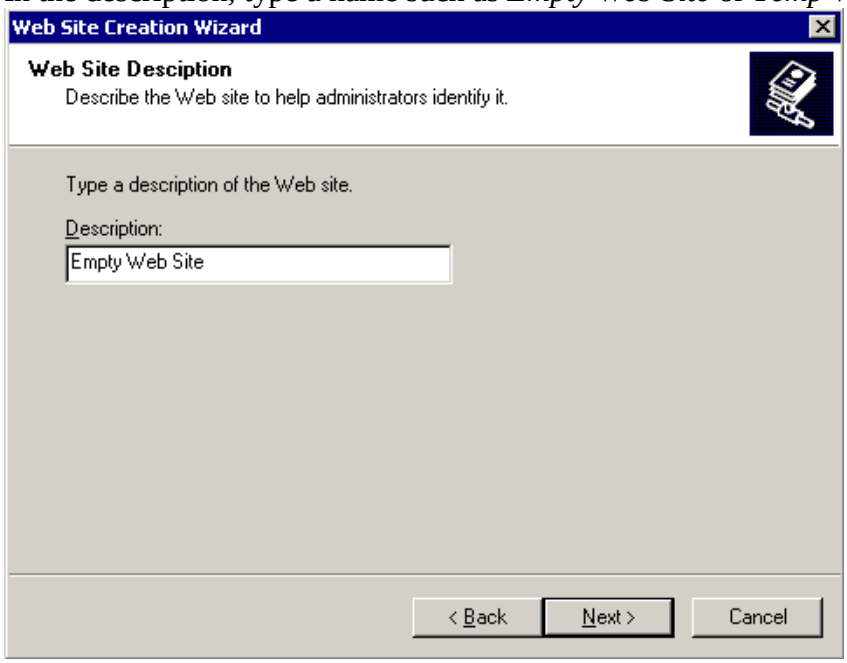
1. Create a new empty Web Site using the wizard in IIS.

   Open the **IIS Manager**, right-click the Server name, choose **New**, **Web Site**.

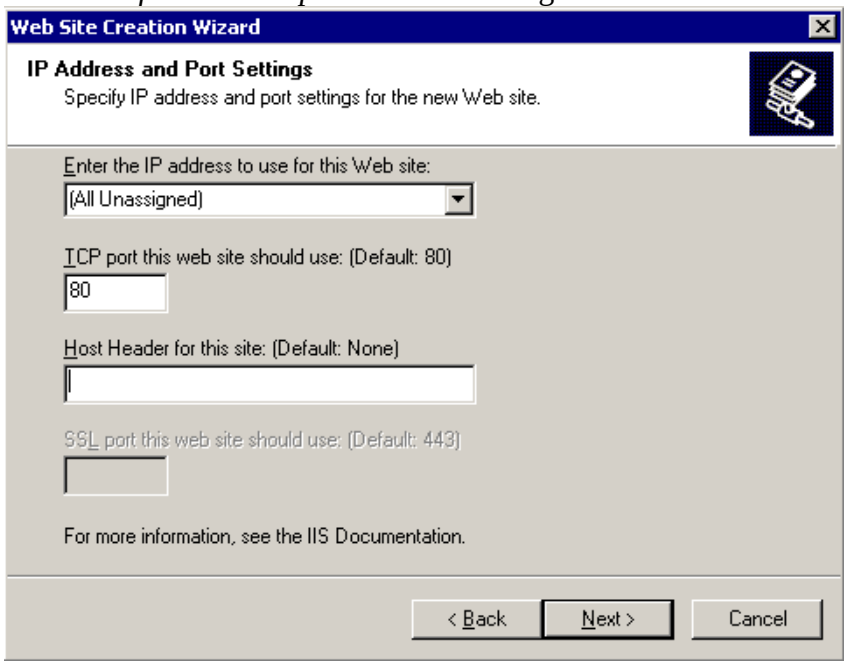


The **Welcome to the Web Site Creation Wizard** starts. Click **Next**.

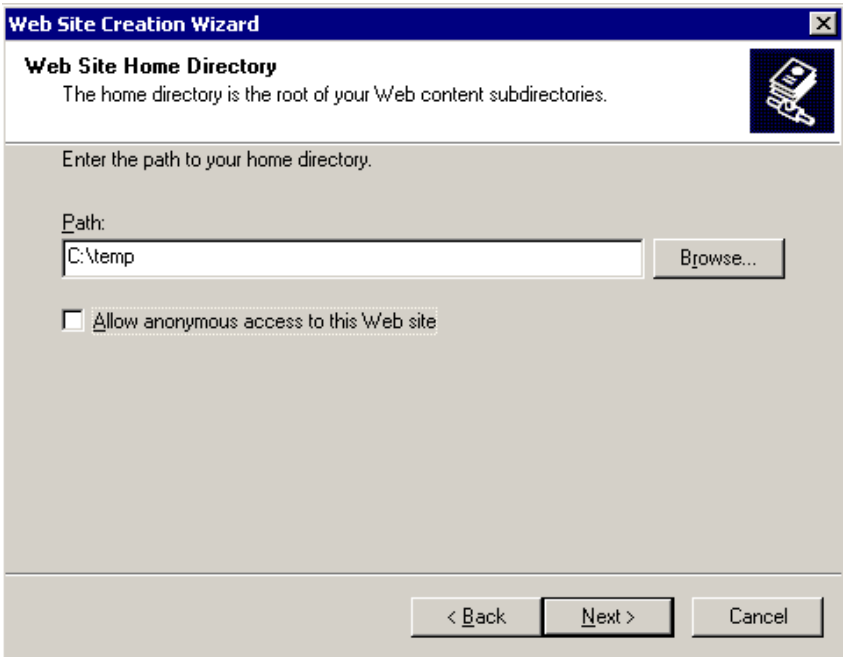
In the description, type a name such as *Empty Web Site* or *Temp Web Site*. Click **Next**.



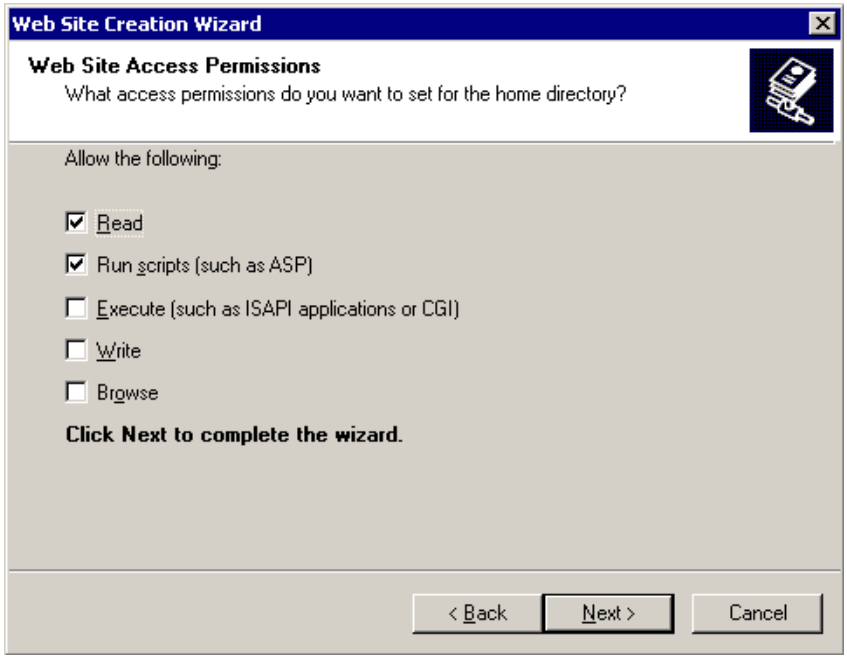
Use the *default IP and port address* settings. Click **Next**.



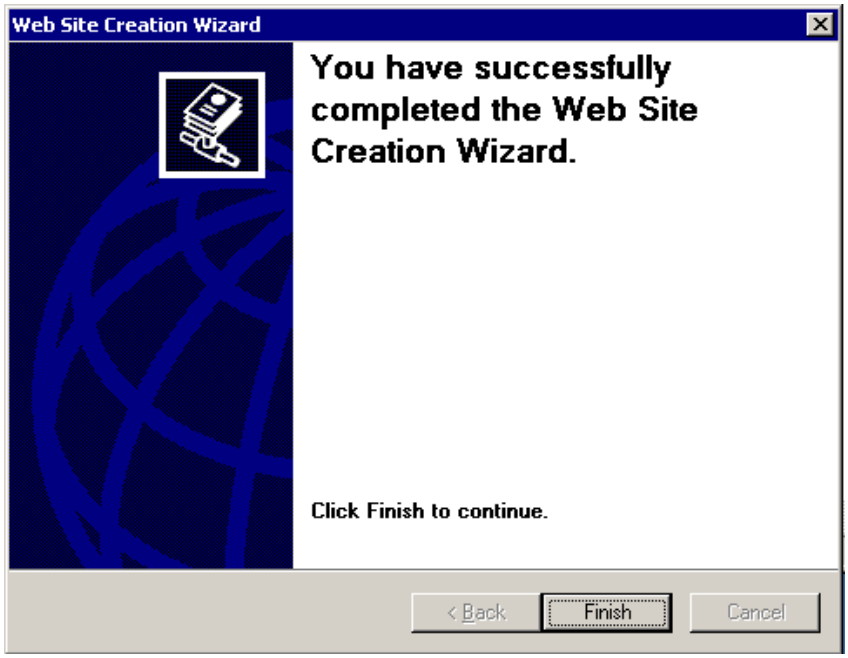
Select a *path to an empty folder* on the server. Uncheck **Allow anonymous access to this Web Site**. Click **Next**.



On the **Web Site Access Permissions** window, click **Next**.

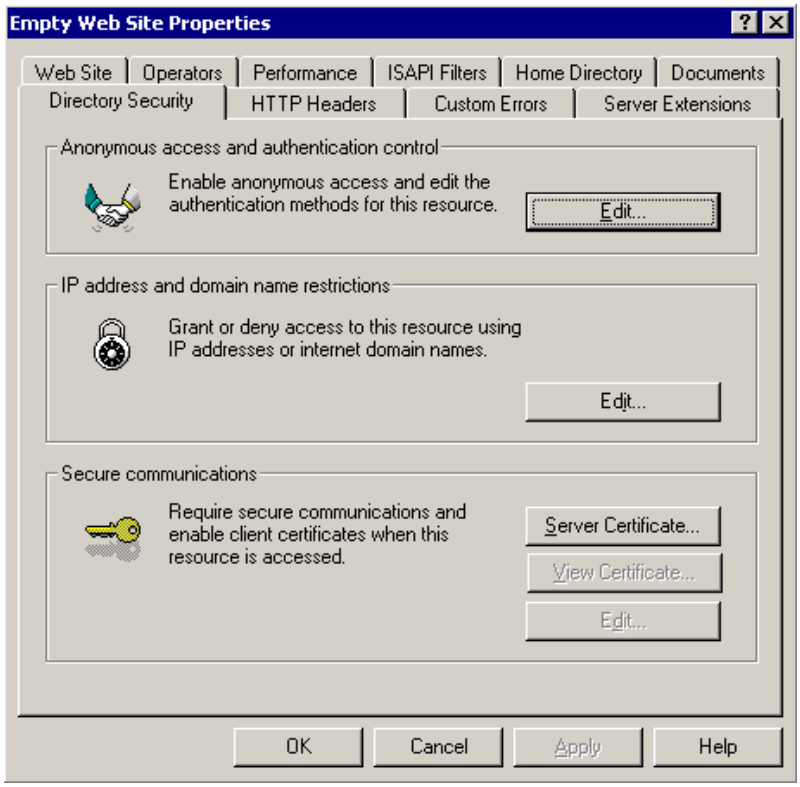


Click **Finish** at the end of the Wizard.



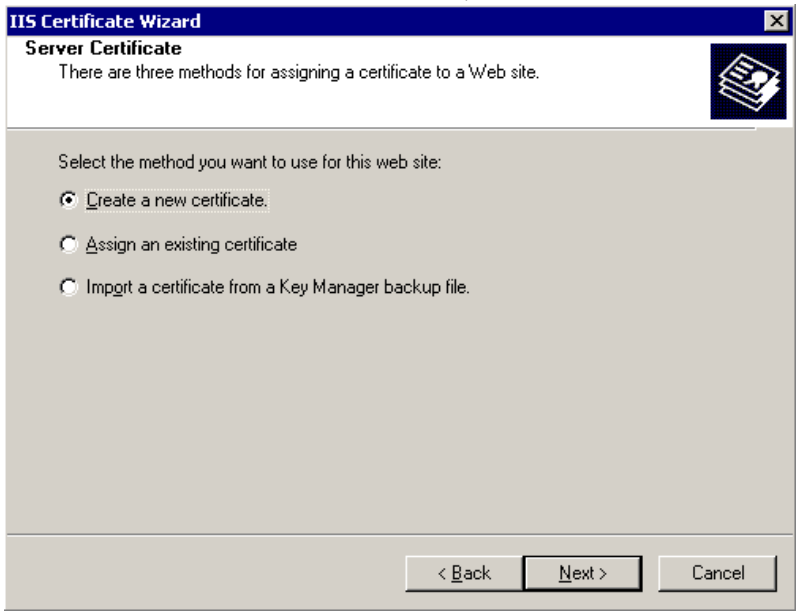
2. Use the empty web site you just created and generate a CSR.

   On the empty web site open the **Properties**, **Directory Security**, **Server Certificate** tab. Click **Server Certificate**.

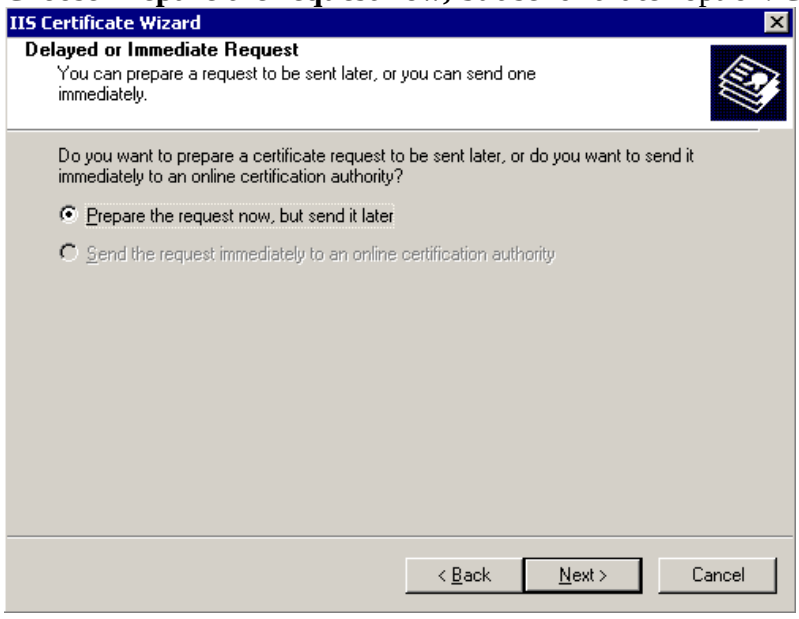


When the Wizard Starts, click **Next**.

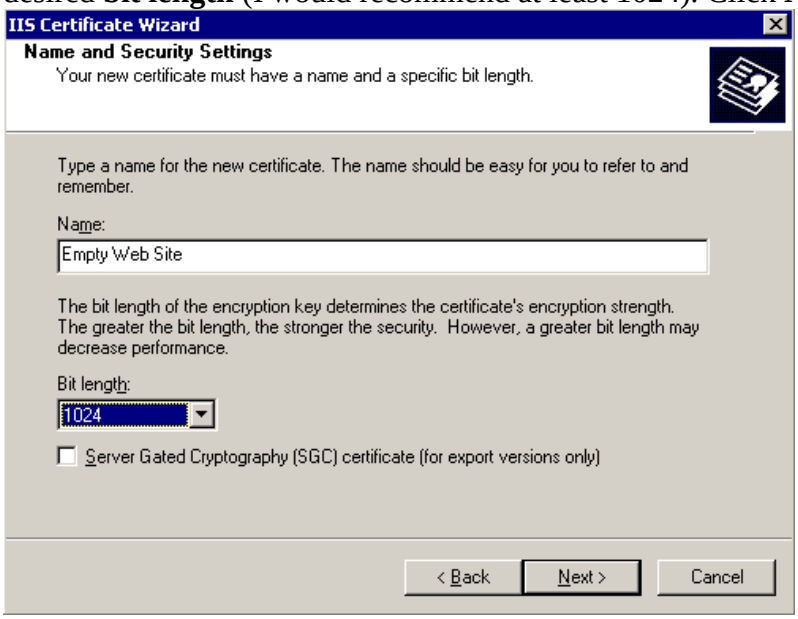
Choose to **Create a new certificate**, click **Next**.



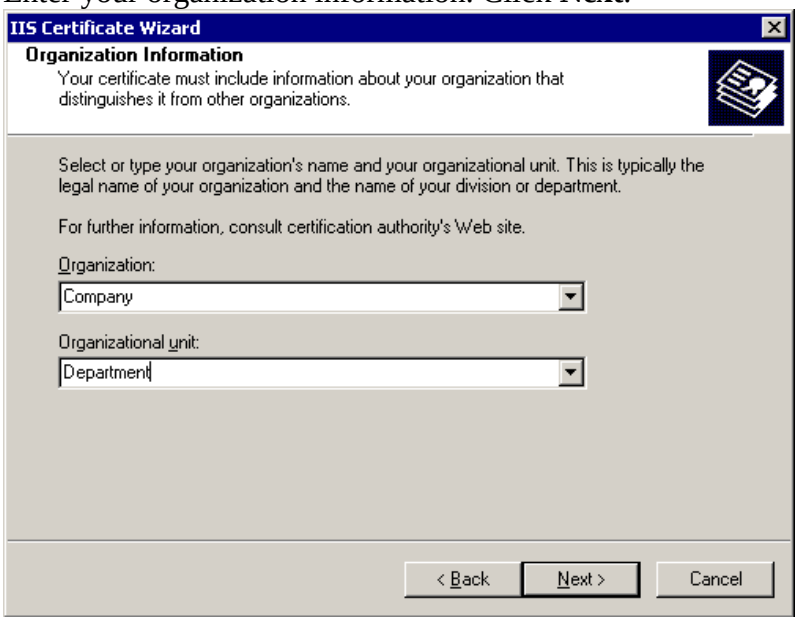
Choose **Prepare the request now, but send it later** option. Click **Next**.



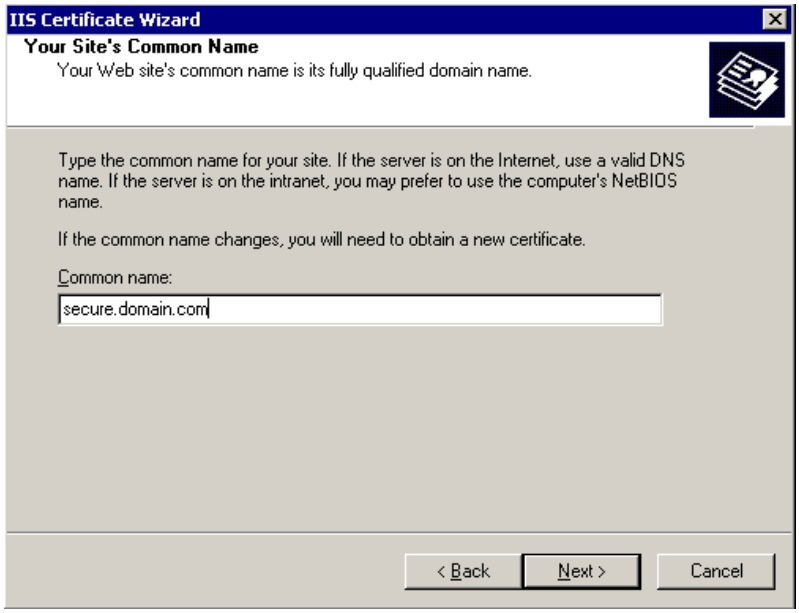
From the **Name and Security Settings** window, choose a **name** of the certificate which makes sense for you, such as *Web Site SSL* or *OWA SSL Cert*. Choose the desired **bit length** (I would recommend at least 1024). Click **Next**.



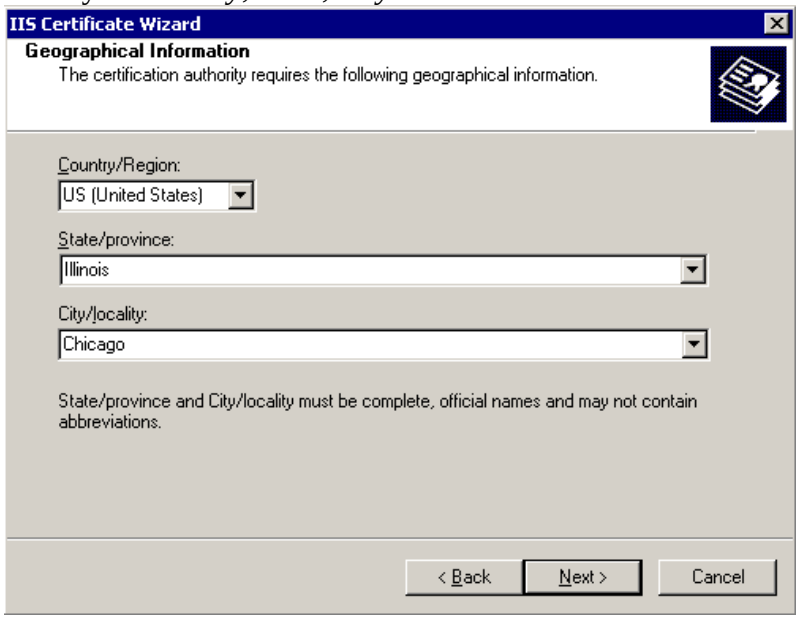
Enter your organization information. Click **Next**.



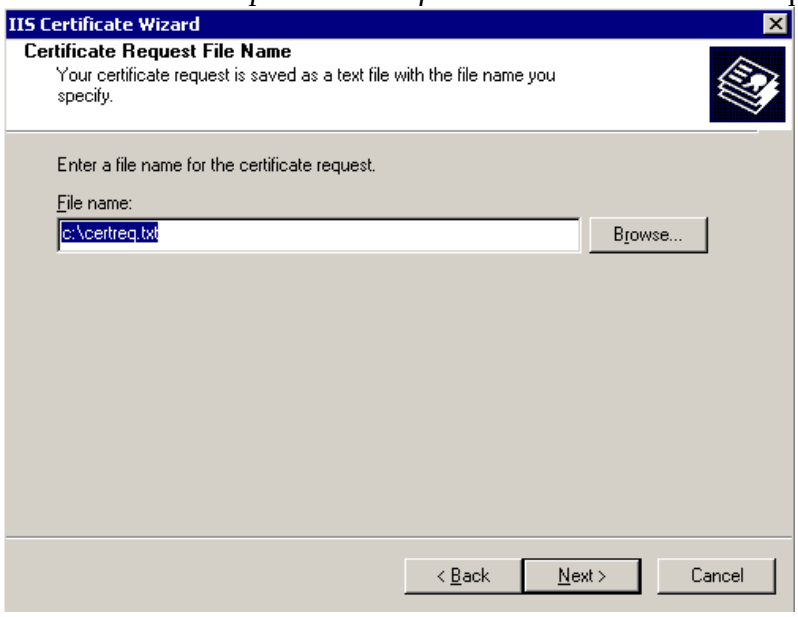
Enter the **Common Name** of the web site you are going to secure. For example, if you are going to secure the internet or intranet address of *mail.domain.com* use that name. It is critical this reflects the name of the internet address you are applying SSL on. Click **Next**.



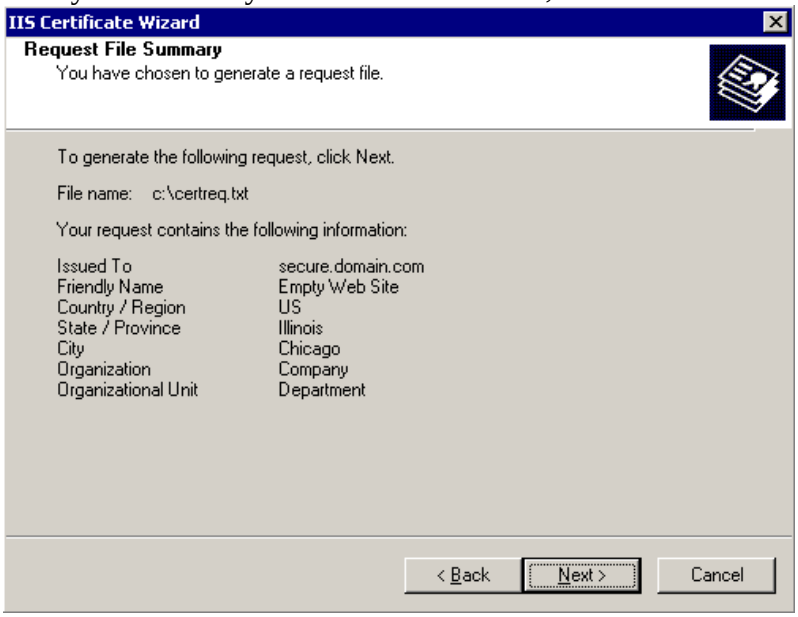
Enter you *Country, State, City* information. Click **Next**.



Make a note of the *path and the filename* of the certificate request. Click **Next**.



Verify the summary information is correct, click **Next**.



Click **Finish**, to complete the Wizard.

3. Open the *Certificate Request text file* (c:\certreq.txt in the screen shoot above) with notepad. Copy the entire contents of the file and paste it into the relevant CSR text box in the web site of the certificate provider (GoDaddy, GeoTrust, EnTrust, Thawte, Etc.) during the enrollment process.

   Most SSL providers will issue your SSL certificate and return it to you by e-mail. Copy the text of the certificate (include the Begin her/End here lines if applicable) and Paste it into notepad. Save the file as a "cer" extension. For example, "maildomain.cer".

4. Open **IIS Manager**. On the empty web site open the **Properties**, **Directory Security**, **Server Certificate** tab. Click **Server Certificate**.

5. Follow the Wizard ensuring that:

   You select **Process the pending request** and install the certificate. Click **Next**.

   Locate the .cer (example maildoamin.cer) file when prompted to locate your web server certificate. Click **Next**.

   Review the summary screen and ensure that you are processing the correct certificate. Click **Next**.

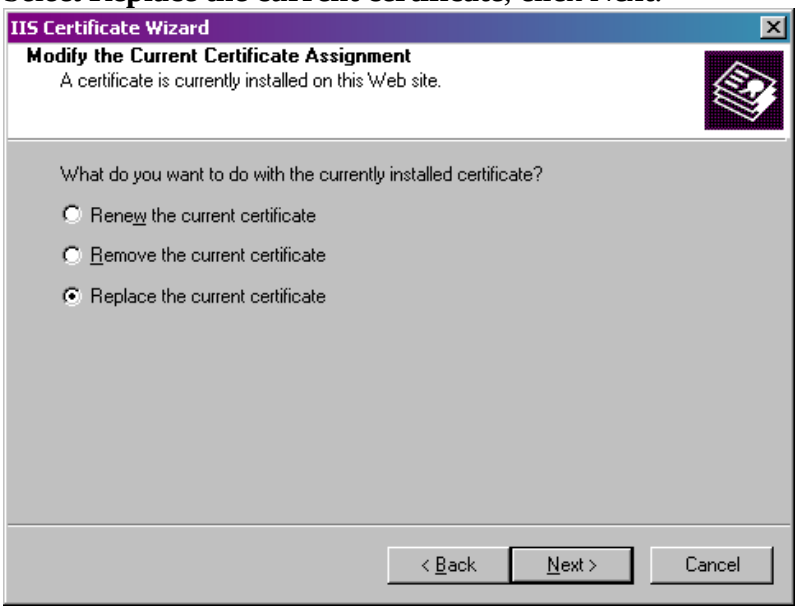
   Click **Next,** and **Finish** on the confirmation screen.

Your new certificate is now installed in the empty web site. You must now replace your old certificate in the live site with the new certificate in the empty site.

6. Associate the live site with the certificate in the empty site.

   In the **Properties** of your **live web site**, select **Directory Security**, Click **Server Certificate**.

   Select **Replace the current certificate**, click **Next**.



   You will be asked to select your certificate from a list of installed certificates. Ensure you select the new certificate from the list.

   Review the summary screen and ensure that you are processing the correct certificate. Click **Next**.

   Click **Next** and then **Finish** on the confirmation screen.

The old certificate has now been replaced with the new certificate.

You can now safely delete the temporary website you created to generate the CSR.