

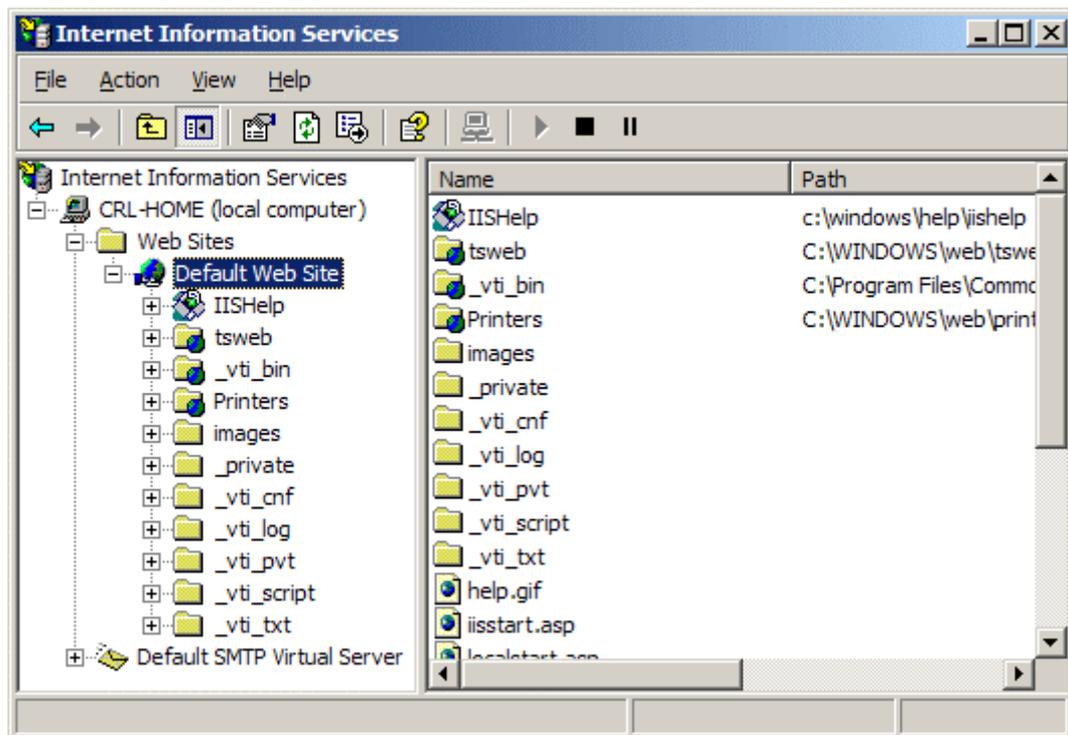


Generating an IIS SSL Certificate Signing Request (CSR) using Microsoft IIS 5.x / 6.x

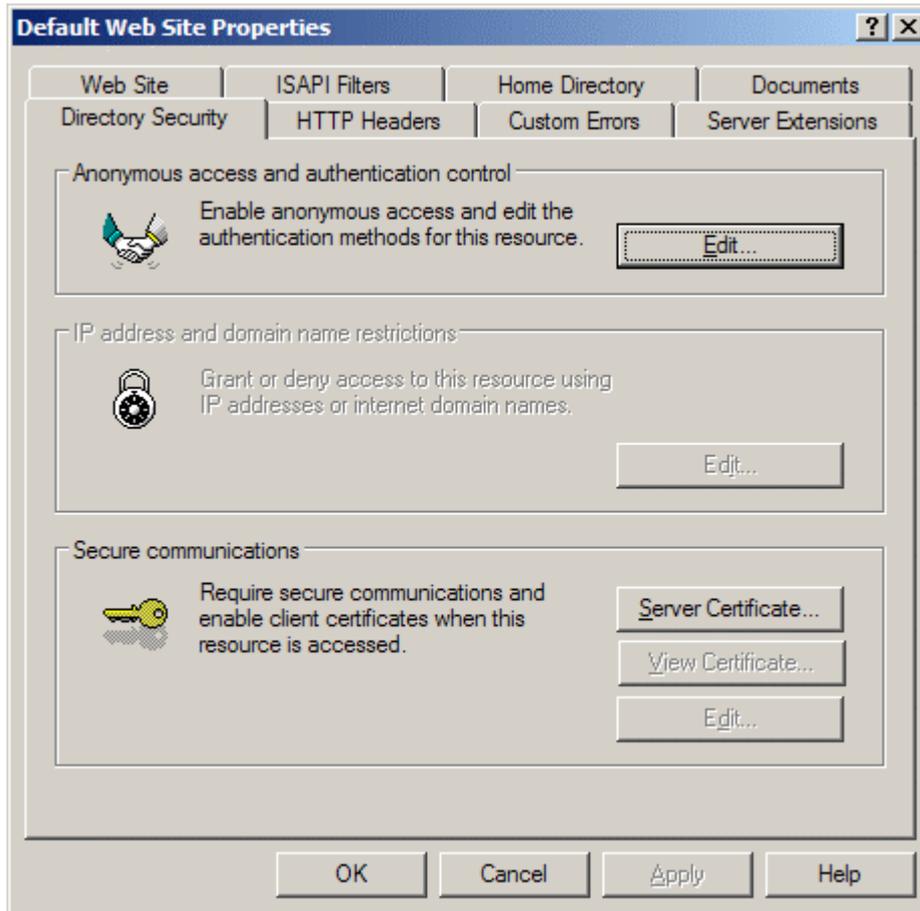
A CSR is a file containing your IIS SSL certificate application information, including your Public Key:

Generate keys and Certificate Signing Request:

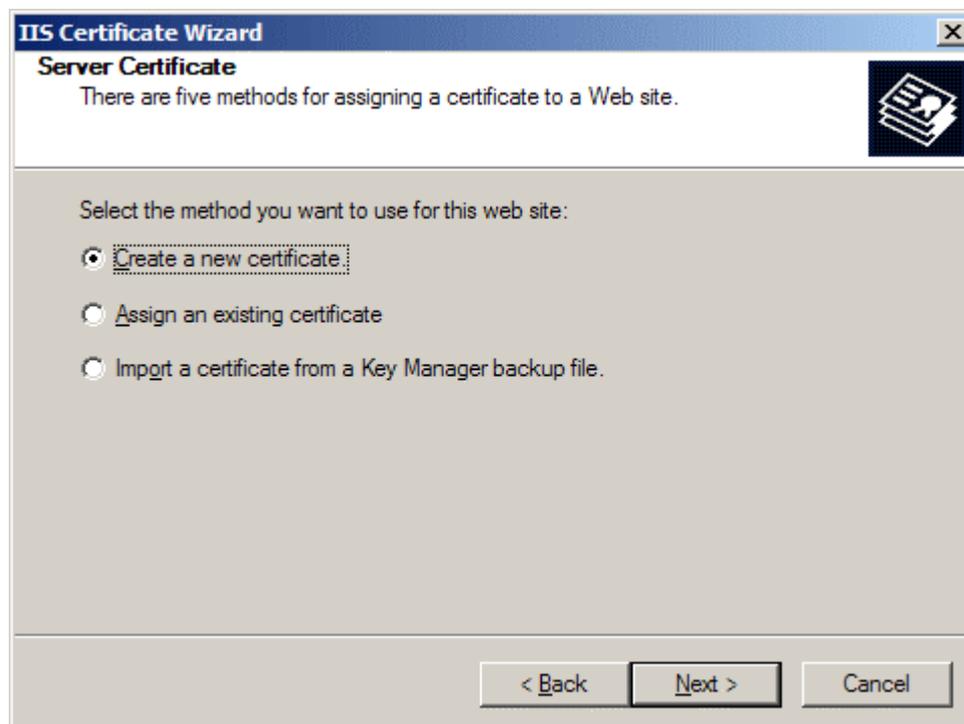
- Select **Administrative Tools**
- Start **Internet Services Manager**



- Open the properties window for the website the CSR is for. You can do this by right clicking on the Default Website and selecting Properties from the menu
- Open **Directory Security** by right clicking on the Directory Security tab



- Click **Server Certificate**. The following Wizard will appear:



- Click **Create a new certificate** and click **Next**.



IIS Certificate Wizard

Delayed or Immediate Request

You can prepare a request to be sent later, or you can send one immediately.

Do you want to prepare a certificate request to be sent later, or do you want to send it immediately to an online certification authority?

Prepare the request now, but send it later

Send the request immediately to an online certification authority

< Back Next > Cancel

- Select **Prepare the request** and click **Next**.

IIS Certificate Wizard

Name and Security Settings

Your new certificate must have a name and a specific bit length.

Type a name for the new certificate. The name should be easy for you to refer to and remember.

Name:
Your Company Name

The bit length of the encryption key determines the certificate's encryption strength. The greater the bit length, the stronger the security. However, a greater bit length may decrease performance.

Bit length: 1024

Server Gated Cryptography (SGC) certificate (for export versions only)

Select cryptographic service provider (CSP) for this certificate

< Back Next > Cancel

- Provide a name for the certificate, this needs to be easily identifiable if you are working with multiple domains. This is for your records only.
- If your server is 40 bit enabled, you will generate a 512 bit key. If your server is 128 bit you can generate up to 1024 bit keys. We recommend you stay with the default of 1024 bit key if the option is available. Click **Next**



IIS Certificate Wizard

Organization Information
Your certificate must include information about your organization that distinguishes it from other organizations.

Select or type your organization's name and your organizational unit. This is typically the legal name of your organization and the name of your division or department.

For further information, consult certification authority's Web site.

Organization:
Your Company Name

Organizational unit:
Web

< Back Next > Cancel

- Enter **Organisation** and **Organisation Unit**, these are your company name and department respectively. Click **Next**.

IIS Certificate Wizard

Your Site's Common Name
Your Web site's common name is its fully qualified domain name.

Type the common name for your site. If the server is on the Internet, use a valid DNS name. If the server is on the intranet, you may prefer to use the computer's NetBIOS name.

If the common name changes, you will need to obtain a new certificate.

Common name:
www.mydomainname.com

< Back Next > Cancel

- The Common Name field should be the **Fully Qualified Domain Name** (FQDN) or the web address for which you plan to use your IIS SSL Certificate, e.g. the area of your site you wish customers to connect to using SSL. For example, **dg-sign.com** will not be valid for **secure.dg-sign.com**. If the web address to be used for SSL is **secure.dg-sign.com**, ensure that the common name submitted in the CSR is **secure.dg-sign.com**. Click **Next**.



IIS Certificate Wizard

Geographical Information
The certification authority requires the following geographical information.

Country/Region:
US (United States)

State/province:
My State

City/locality:
My City

State/province and City/locality must be complete, official names and may not contain abbreviations.

< Back Next > Cancel

- Enter your **country**, **state** and **city**. Click **Next**.

IIS Certificate Wizard

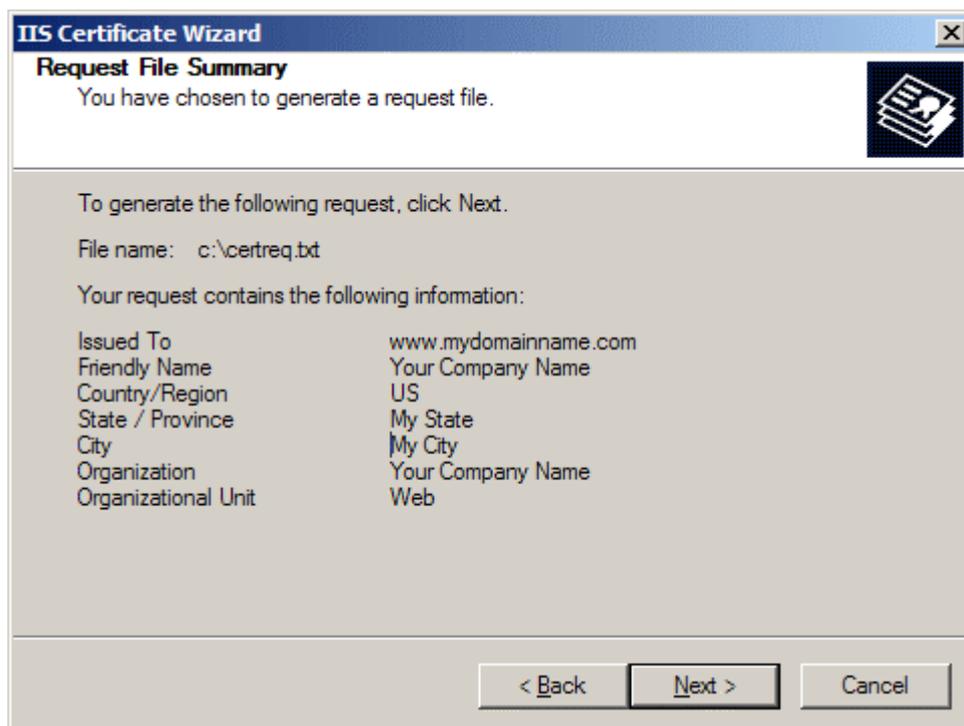
Certificate Request File Name
Your certificate request is saved as a text file with the file name you specify.

Enter a file name for the certificate request.

File name:
c:\certreq.txt Browse...

< Back Next > Cancel

- Enter a filename and location to save your CSR. You will need this CSR to enroll for your IIS SSL Certificate. Click **Next**.



- Check the details you have entered. If you have made a mistake click **Back** and amend the details. Be especially sure to check the domain name the Certificate is to be "Issued To". Your IIS SSL Certificate will only work on this domain. Click **Next** when the details are absolutely correct.

- Make sure you include the following header and footer to the beginning and end of the CSR

-----BEGIN CERTIFICATE REQUEST-----

~CSR content~

-----END CERTIFICATE REQUEST-----

- Then save as .txt file

To save your private key:

- Go to: **Certificates** snap in the MMC
- Select **Requests**
- Select **All tasks**
- Select **Export**

We recommend that you make a note of your password and backup your key, as only you know these, so if you loose them we can't help! A floppy diskette or other removable media is recommended for your backup files.