IIS 6.0SSL Certificate Deployment Guide

StartCom®

StartCom CA Limited

Contents

1.Generate the CSR by customer.

1.1 Generate the private key files and CSR files

Right click the website properties, and then click "Directory Security", at below there is a "secure communication" bar. Click the "Server Certificate" to start the certificate application wizard, as shown in Figure 1 below:

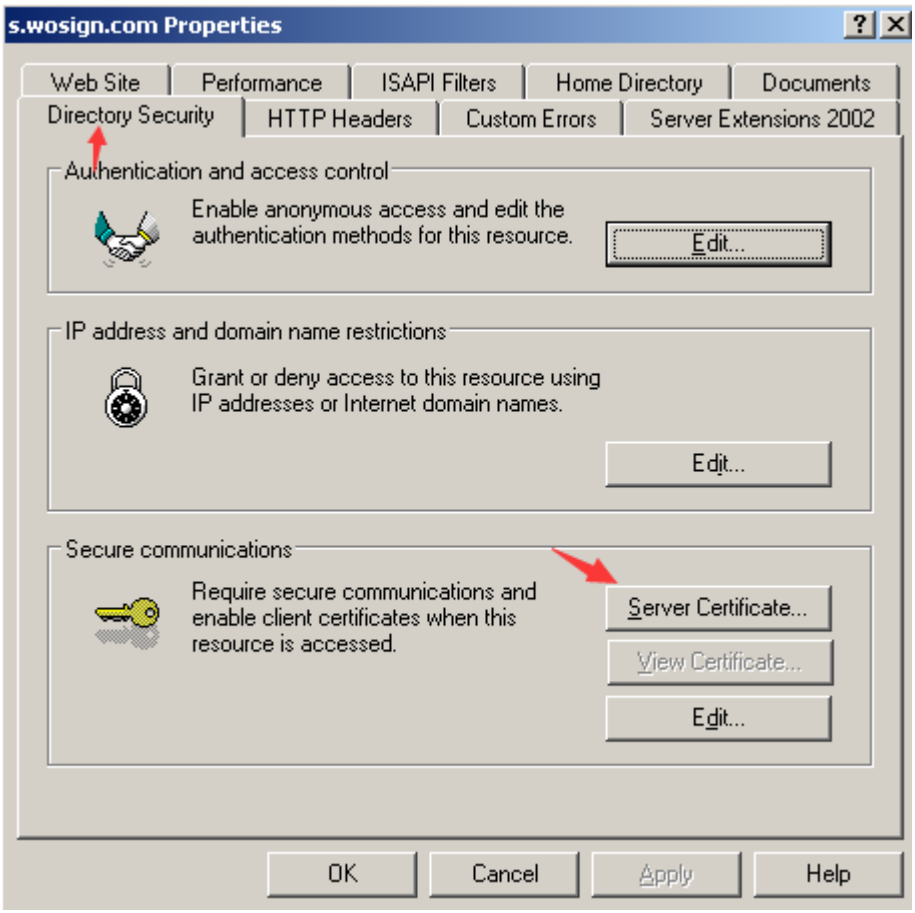


Figure 1

1.2 Create a new certificate request

As shown in Figure 2 below, select "new certificate" click "next".

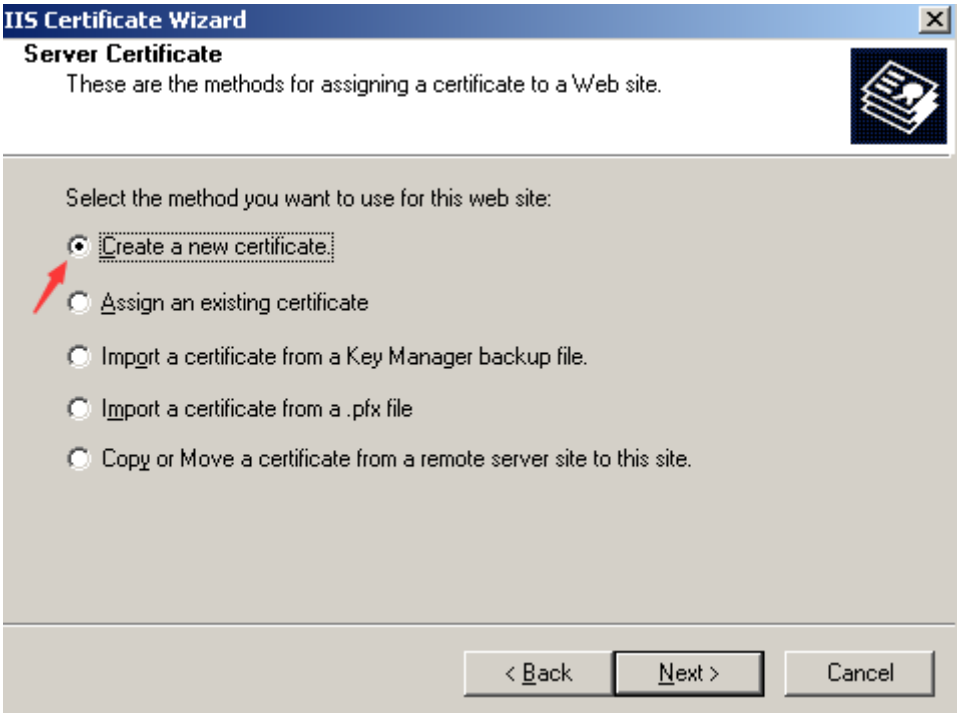


Figure 2

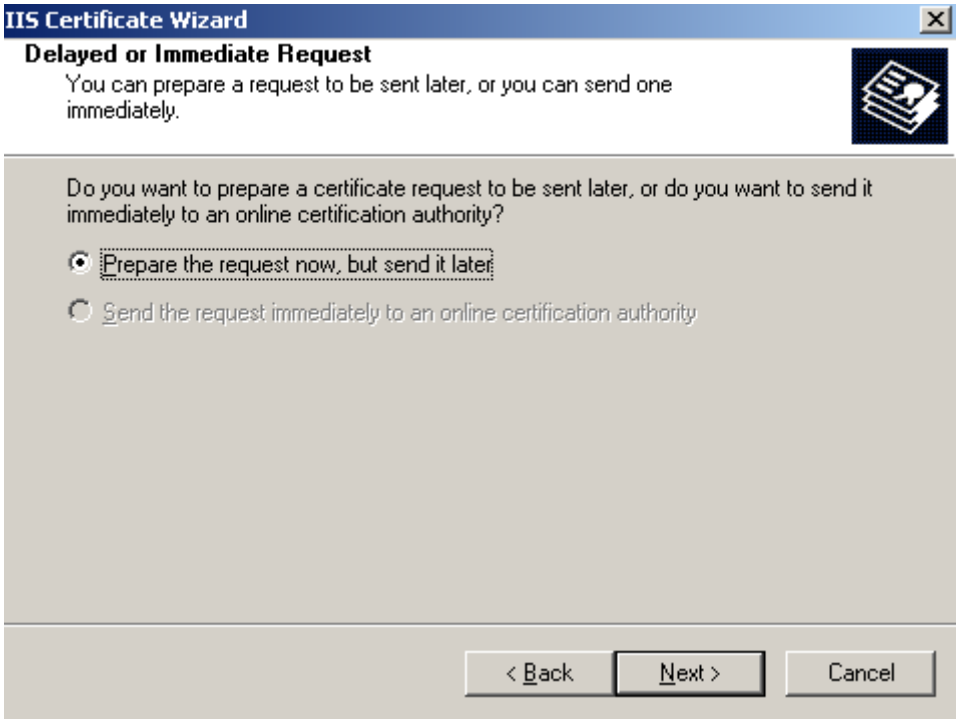


Figure 3

Enter the name of certificate and the secret key length, choose the length of key, default is 1024 bits, recommended to choose a 2048 or 4096 to ensure sufficient encryption intensity, click "next", as shown in Figure 4 below.

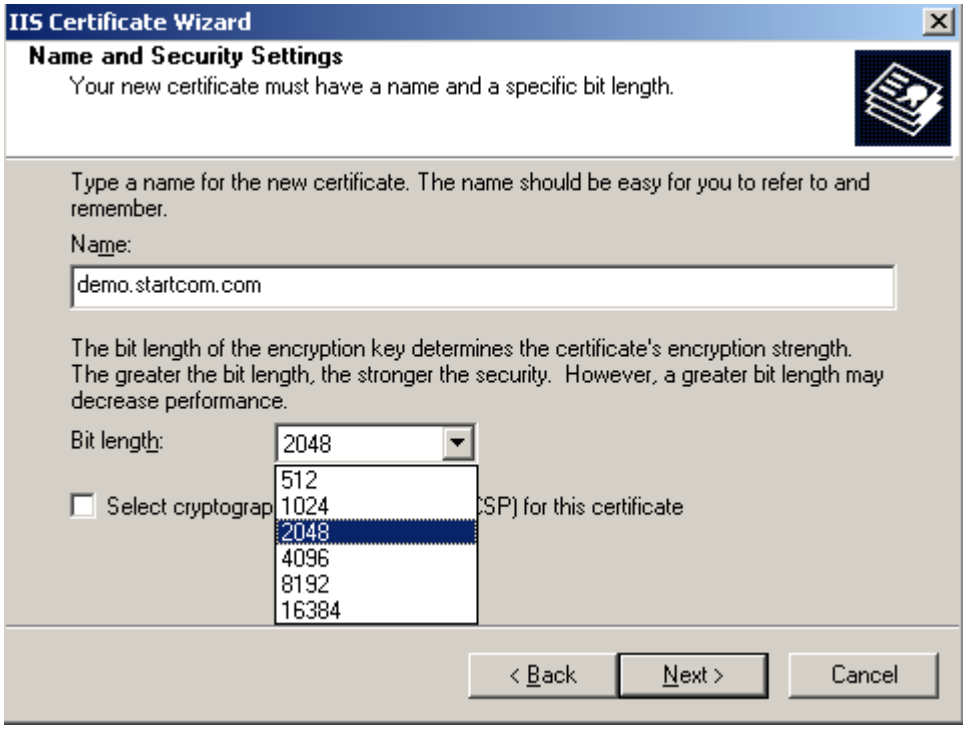


Figure 4

Enter the legal unit name of your unit, must be consistent with the name of the business license or organization code certificate.

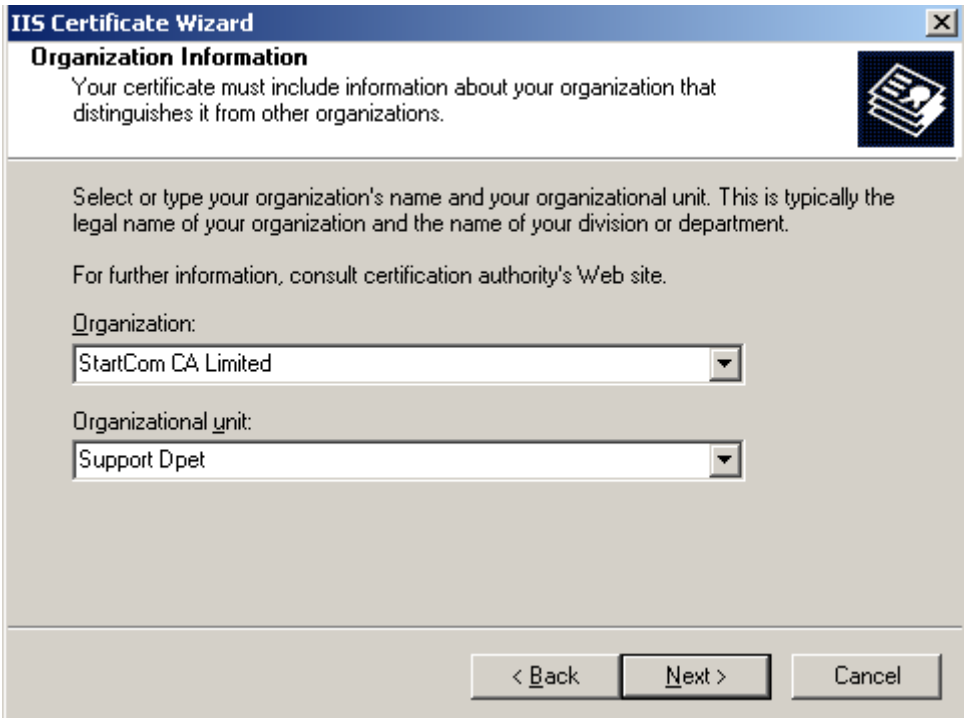


Figure 5

Enter the domain name, this is important, the certificate is strictly binding domain of the choice of

the state. The default is CN. You can enter the Chinese name of the provinces and cities, you can also enter the name of the city by Enlish. As shown in Figure 6-7

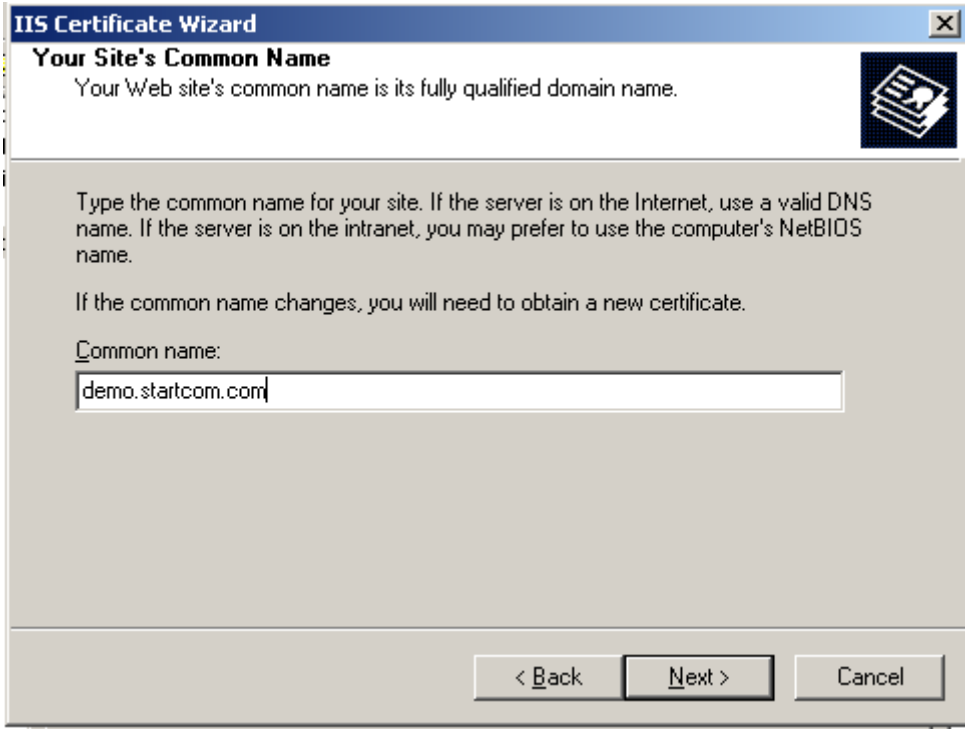


Figure 6

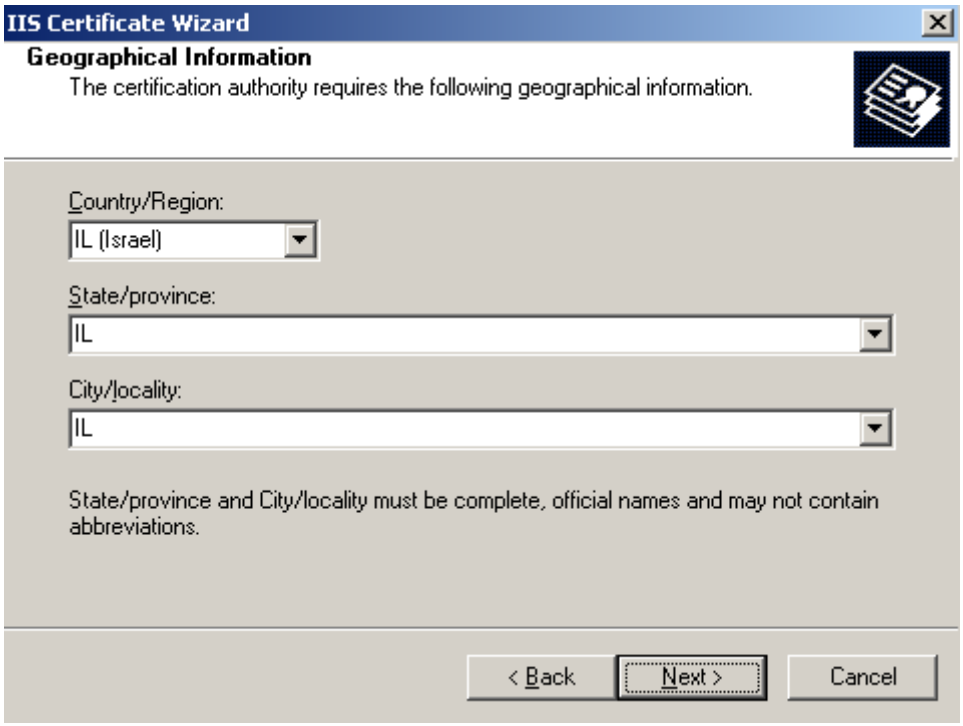


Figure 7

1.3 Complete the production of the private key and CSR file

After generate the CSR file, it is recommended that you test the generated CSR file is correct, please click here to test your CSR file. Please send the CSR file to StartCom, Please do not do any change of your server and wait for the certificate issued.

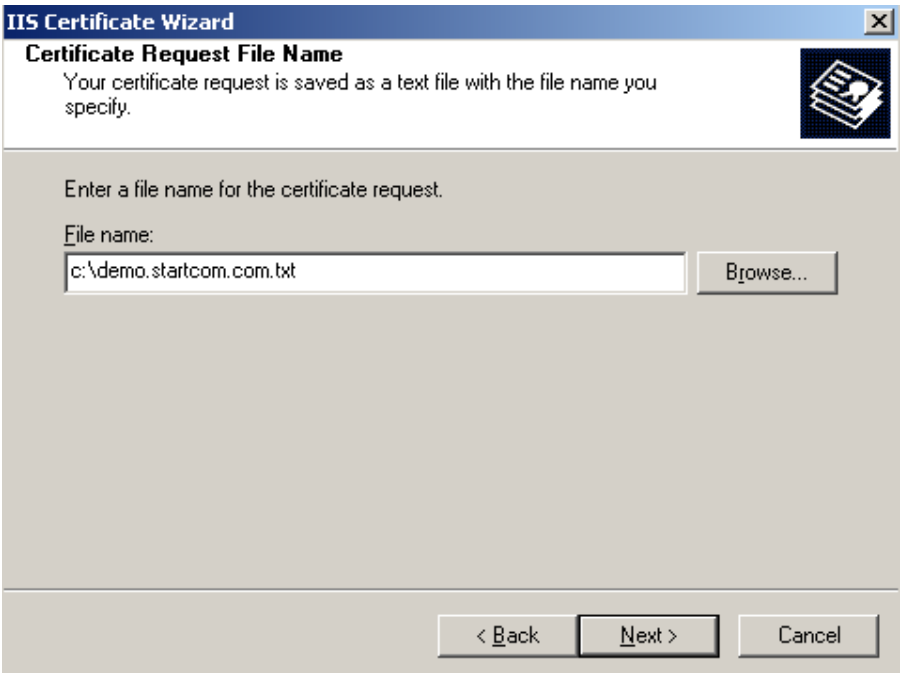


Figure 8

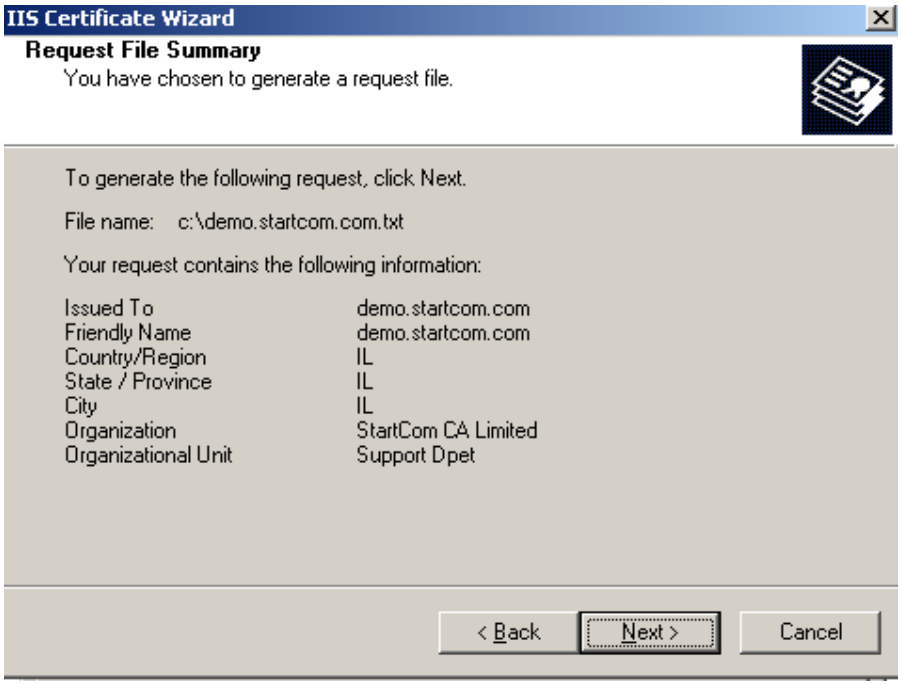


Figure 9

1.4 Submit CSR file

When you apply the certificate on https://startssl.com/Account, submit your CSR.

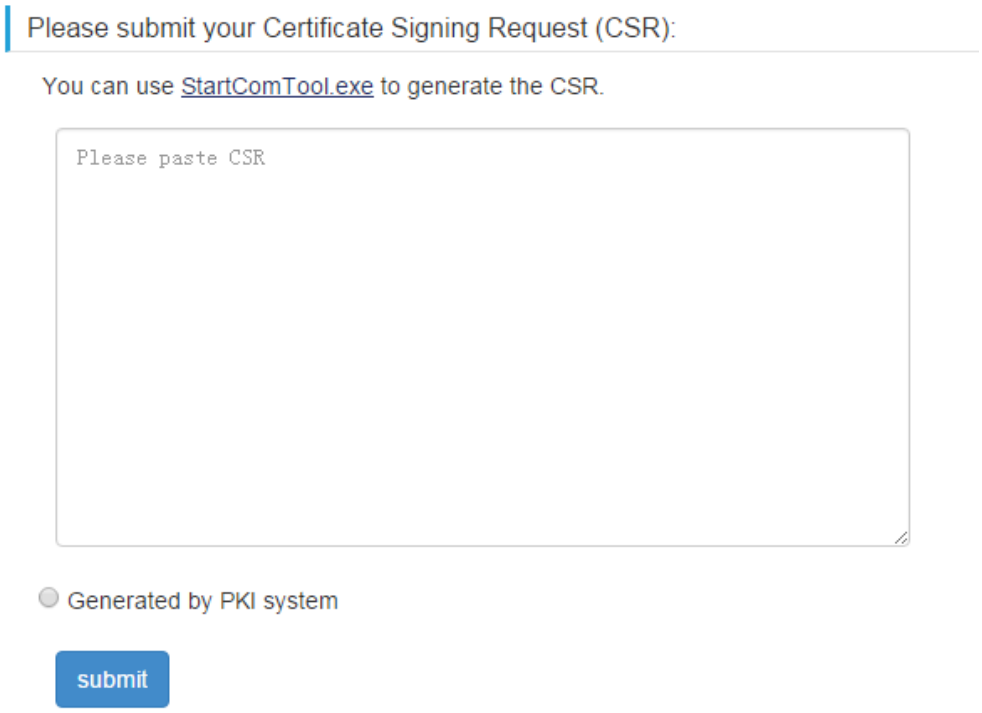


Figure 10

2.Import SSL certificate

2.1Import public key

1. Generate the private key files and CSR files

Right click the website properties, and then click "directory security", at below there is a "secure communication" bar. Click the "server certificate".

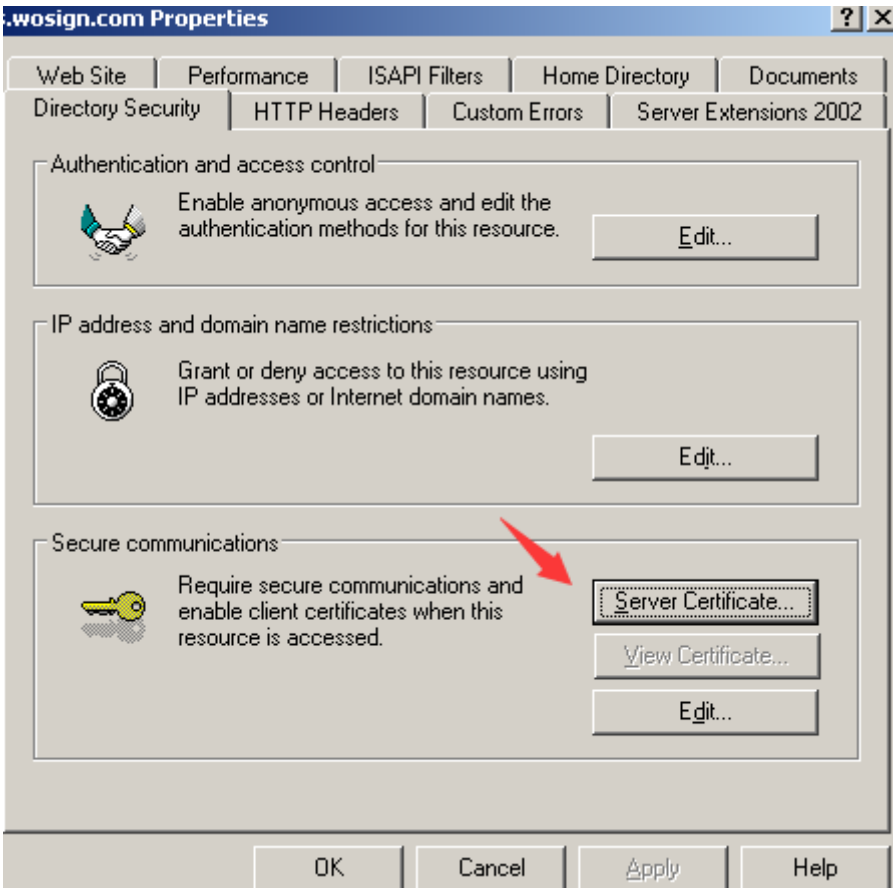


Figure 11

Processing pending request, as shown in Figure 12, select "process a pending request, if you want to delete the request of created CSR and the private key, select" delete pending request" , if the certificate has been issued, do not choose "delete request". Otherwise, the certificate can't installed successfully.

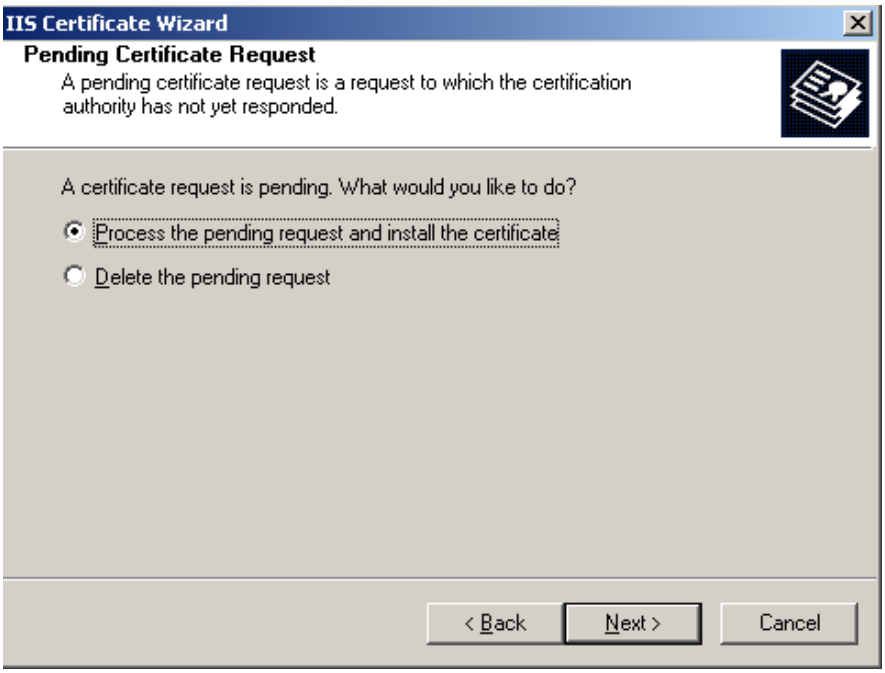


Figure 12

Unzip the for IIS file. Upload it to server, and click "Browse" to select the certificate file.

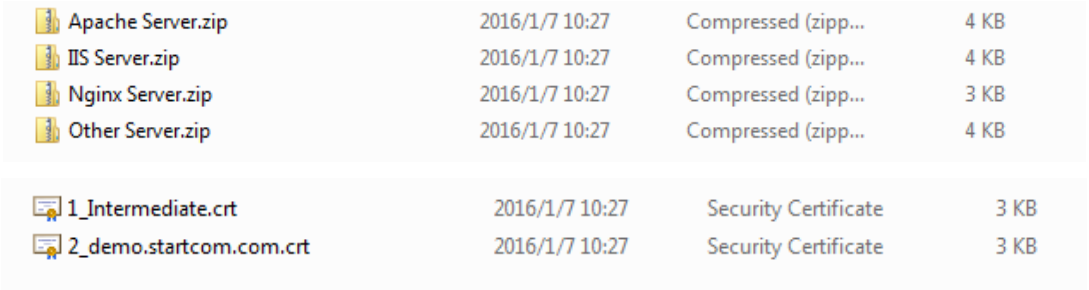


Figure 13

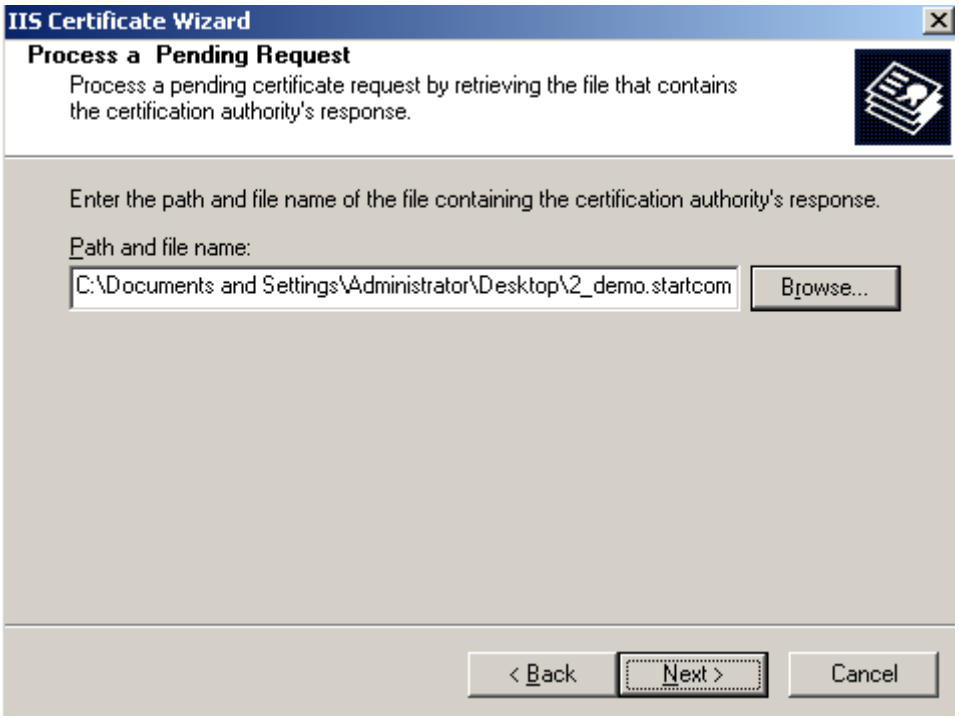


Figure 14

The default port for SSL is the 443 port,（Please don't make any changes. If you use other ports such as: 8443, you must enter the access: https://www.domain.com:8443）At the same time, please note: be sure to set the firewall to open the 443 port (TCP).

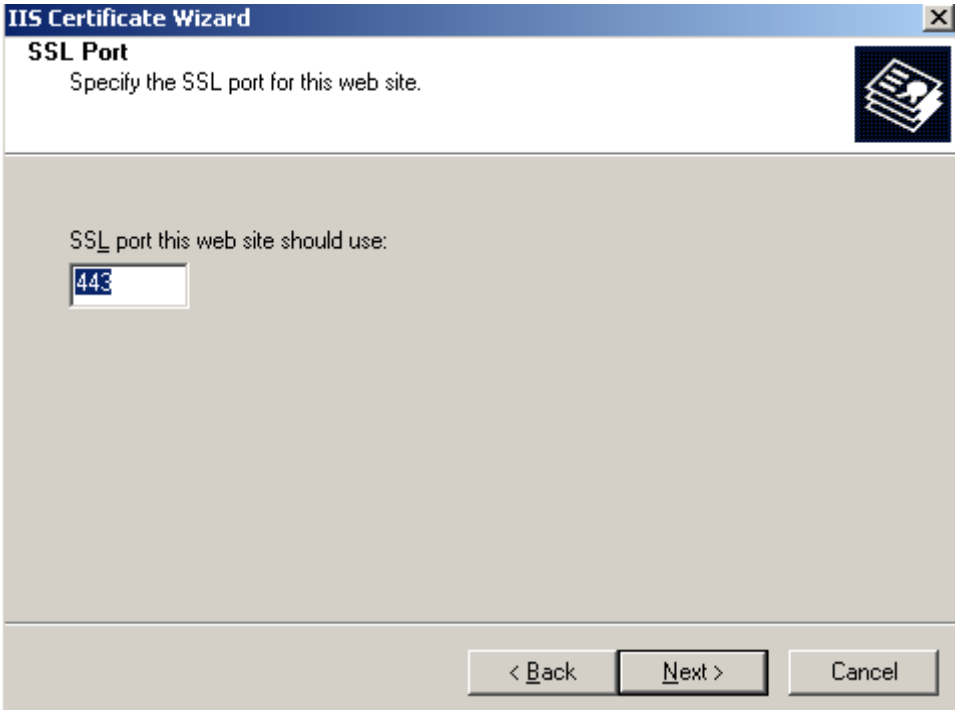


Figure 15

The system will display detailed certificate information, click "next", Complete the installation of the certificate.

2.2 Install the intermediate certificate.

Start →Run→MMC，Start console → Select menu file →Add / remove management unit" → Select the certificate in the list→click"add" → choose "Computer account" → Click Finish. Import the intermediate certificate into the intermediate certification authorities.

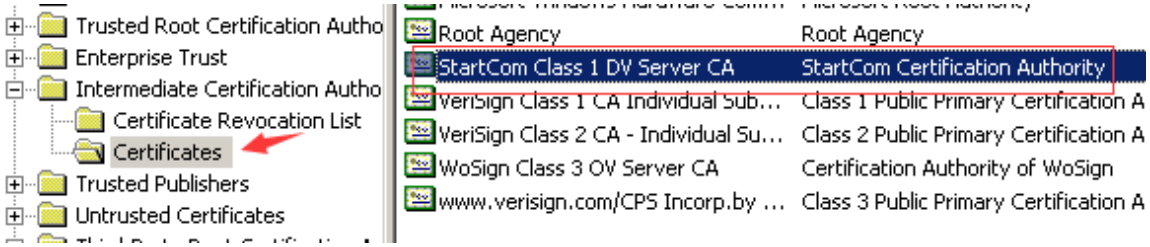


Figure 16

2.3 Test the SSL certificate.

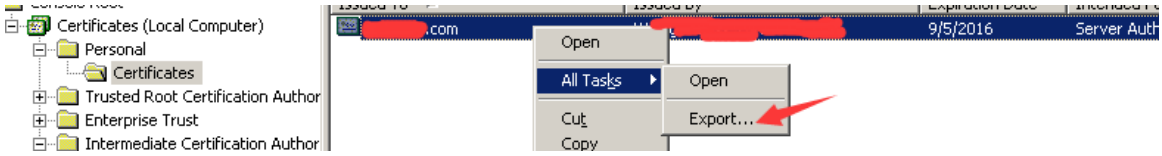
Input the address in browser address bar: https://domain.com (the domain of the applied SSL certificate) Test your SSL certificate is installed successfully or not. If successful, the browser address bar will display a safety lock sign.

You could test your website's certificate and configuration by https://www.ssllabs.com/ssltest/.

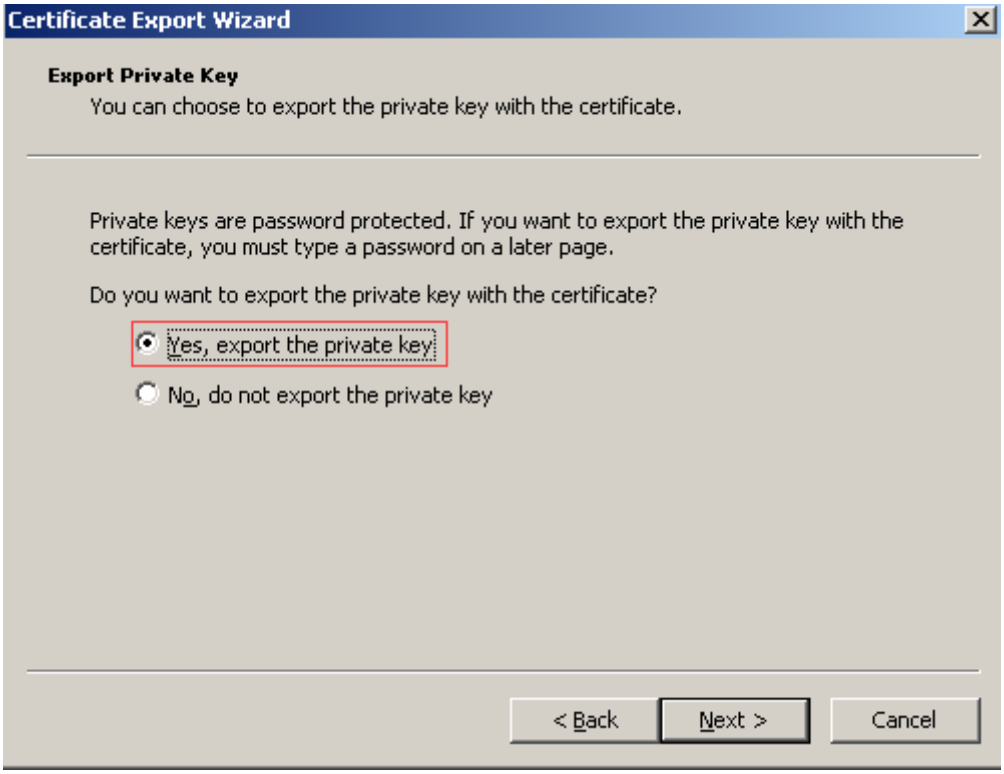
3.Backup of SSL certificate

When you have finished installing the certificate, please backup your certificate as follow.

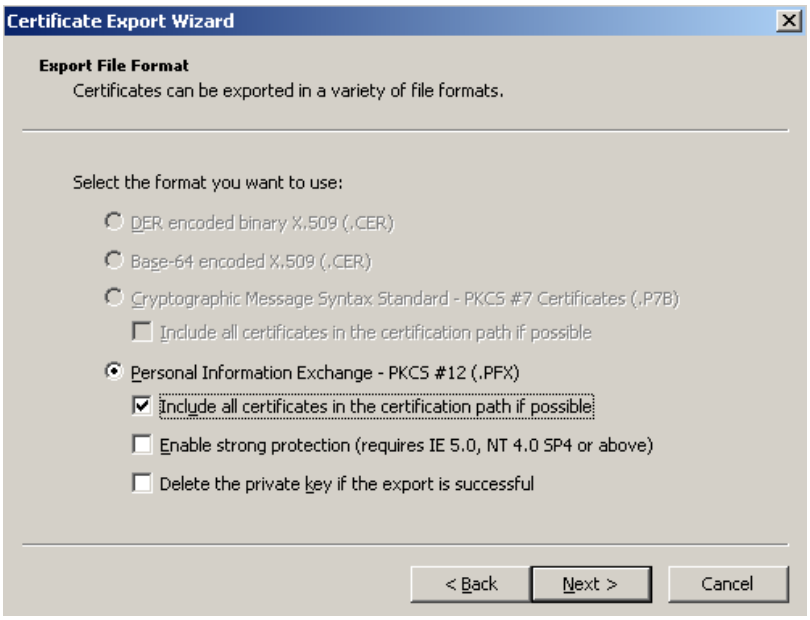
1. Back to Console1, go Certificates (Local Computer)→Personal→Certificates, choose your certificate just you have installed. Right click→ All Tasks→Export.



2. Then attend to check ‘Yes, export the private key’, click next.



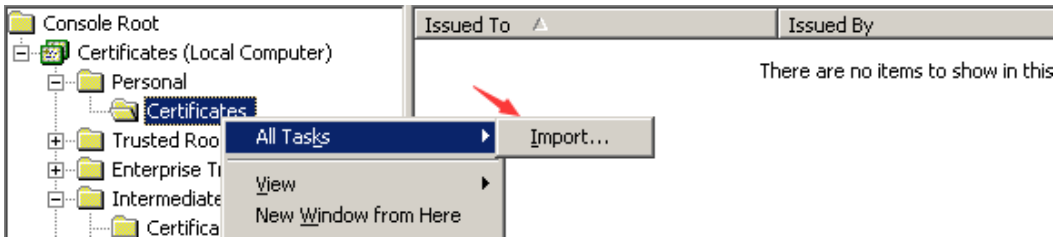
3. Check ‘Include all certificates in the certification path if possible’, click next.



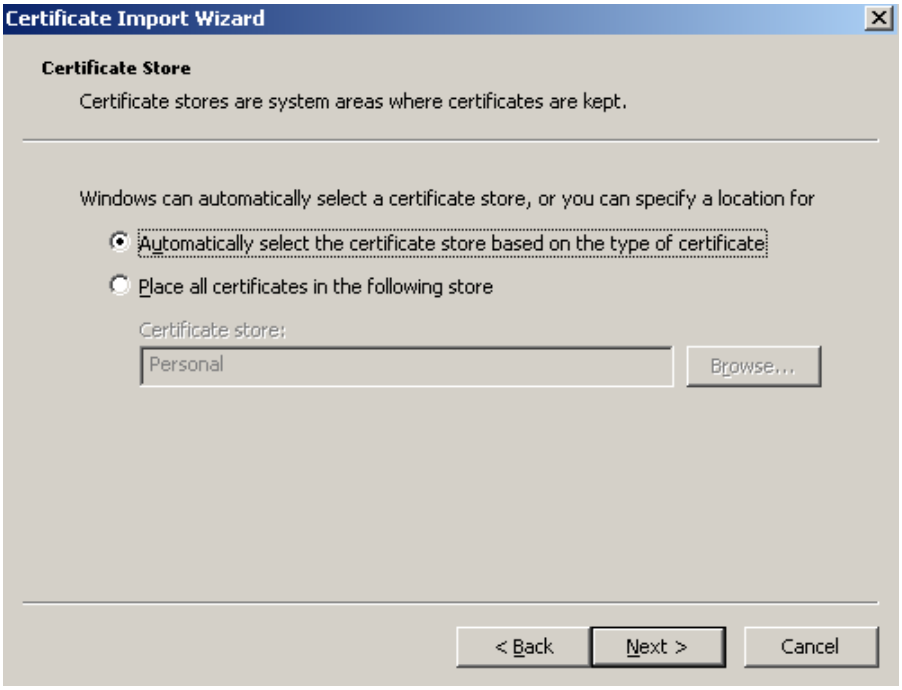
4. Type and confirm your password, Specify a name and path of this file, you will get a certificate PFX format. keep these in mind.

4.Restore of SSL certificate

1. Go Certificates (Local Computer)→Personal→Certificates, right click Certificate select Import as follow.



2. According to the certificate Import Wizard, import the PFX format certificate to “Automatically select the certificate store based on the type of certificate”, type your password of certificate, finish import certificate.



3. Open the IIS manager panel, Binding certificate again.