

# IIS Server

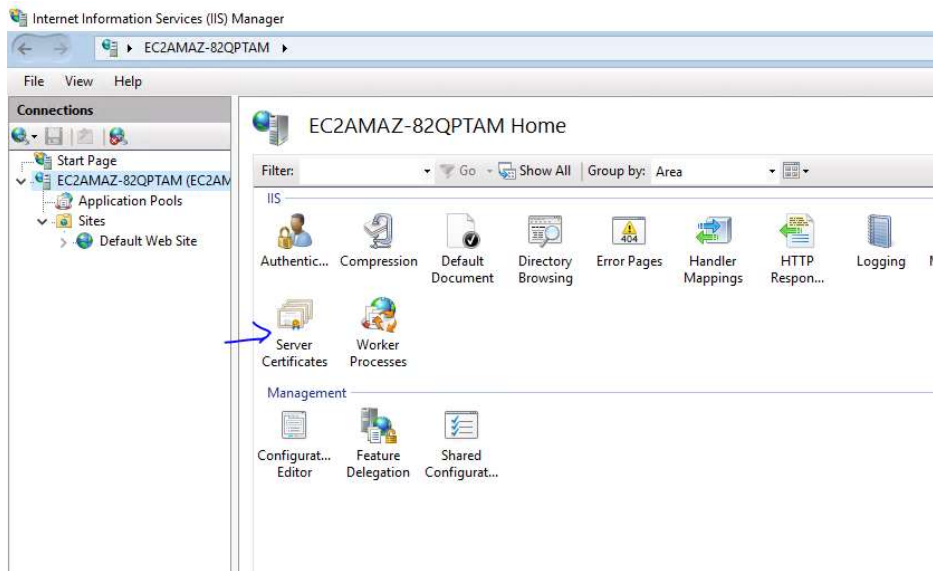
Tuesday, September 7, 2021 11:34 AM

## Action item:

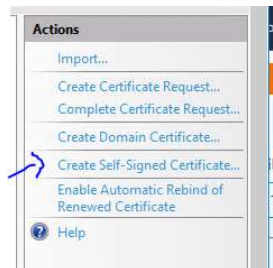
- Create self-signed certificate
- Bind the certificate to the web application

## Steps to perform:

- ▶ Launch 'Server Manager' and Open 'Internet Information Services Manager' console
- ▶ Click 'Server Certificate' to create self-signed certificate



Click 'create self-signed certificate'



Give any name for the certificate and click 'ok'

Create Self-Signed Certificate

The screenshot shows the 'Specify Friendly Name' dialog box. It has a title bar with a certificate icon and the text 'Specify Friendly Name'. The main area contains the instruction: 'Specify a file name for the certificate request. This information can be sent to a certificate authority for signing:'. Below this is a text input field with the placeholder text 'Specify a friendly name for the certificate:'. At the bottom, there is a section 'Select a certificate store for the new certificate:' with a dropdown menu currently set to 'Personal'.

Server Certificates					
Use this feature to request and manage certificates that the Web server can use with websites configured for SSL.					
Filter:	Go	Show All	Group by:	No Grouping	
Name	Issued To	Issued By	Expiration Date	Certificate Hash	Certificate Stor

## Server Certificates

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Filter:	Go	Show All	Group by:	No Grouping	
Name	Issued To	Issued By	Expiration Date	Certificate Hash	Certificate Stor
apic	EC2AMAZ-82QPTAM	EC2AMAZ-82QPTAM	9/7/2022 12:00:00 ...	9FEDDBFD78E0A9AA92B276A...	Personal

### ► Bind the certificate to the web application

- Click the web application where the certificate needs to be associated
- On the right pane, click 'Bindings'
- Click Add to enable https type and on the bottom choose the SSL certificate which is created earlier. Close the Add Site Binding Window

The screenshot shows the IIS Manager interface. In the left pane, 'Default Web Site' is selected. The main pane shows the 'Default Web Site Home' window. The 'Add Site Binding' dialog box is open, with the following settings:

- Type: https
- IP address: All Unassigned
- Port: 443
- Host name: (empty)
- Require Server Name Indication: ☐
- Disable HTTP/2: ☐
- Disable OCSP Stapling: ☐
- SSL certificate: apic

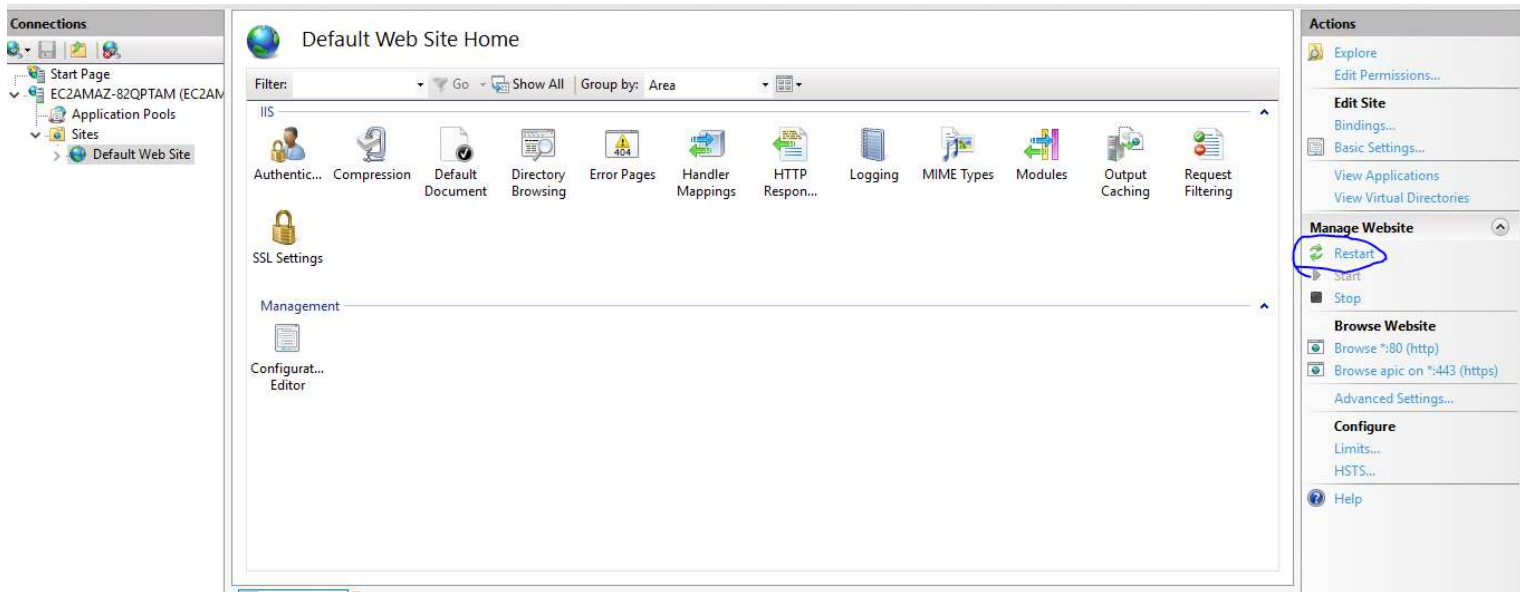
The 'Add...' button is highlighted with a blue arrow. The 'Default Web Site Home' window is visible in the background, and the 'Actions' pane on the right shows 'Bindings...' selected.

The screenshot shows the 'Site Bindings' window. It contains a table with the following data:

Type	Host Name	Port	IP Address	Binding Informa...
http		80	*	
https	apic	443	*	

The 'https' binding is highlighted with a blue checkmark. The 'Add...' button is also visible.

### ► Restart the IIS server



**Reference:**

<https://enterprise.arcgis.com/en/web-adaptor/10.3/install/iis/enable-https-on-your-web-server-server-.htm>

<https://aboutssl.org/how-to-create-a-self-signed-certificate-in-iis/>