

## Lab 8.7.4: Configuring/Allowing SSL Connections on a Windows based Webserver

*From TestOut CompTIA Security+ Course*

In this lab I will set up and enable SSL connections on a hypothetical corporat

### **The scenario for this lab is as follows:**

“You are the IT security administrator for a small corporate network. You currently run a website on the CorpWeb server. You want to allow SSL connections to this website.

In this lab, your task is to add a binding to the CorpNet website using the following settings:

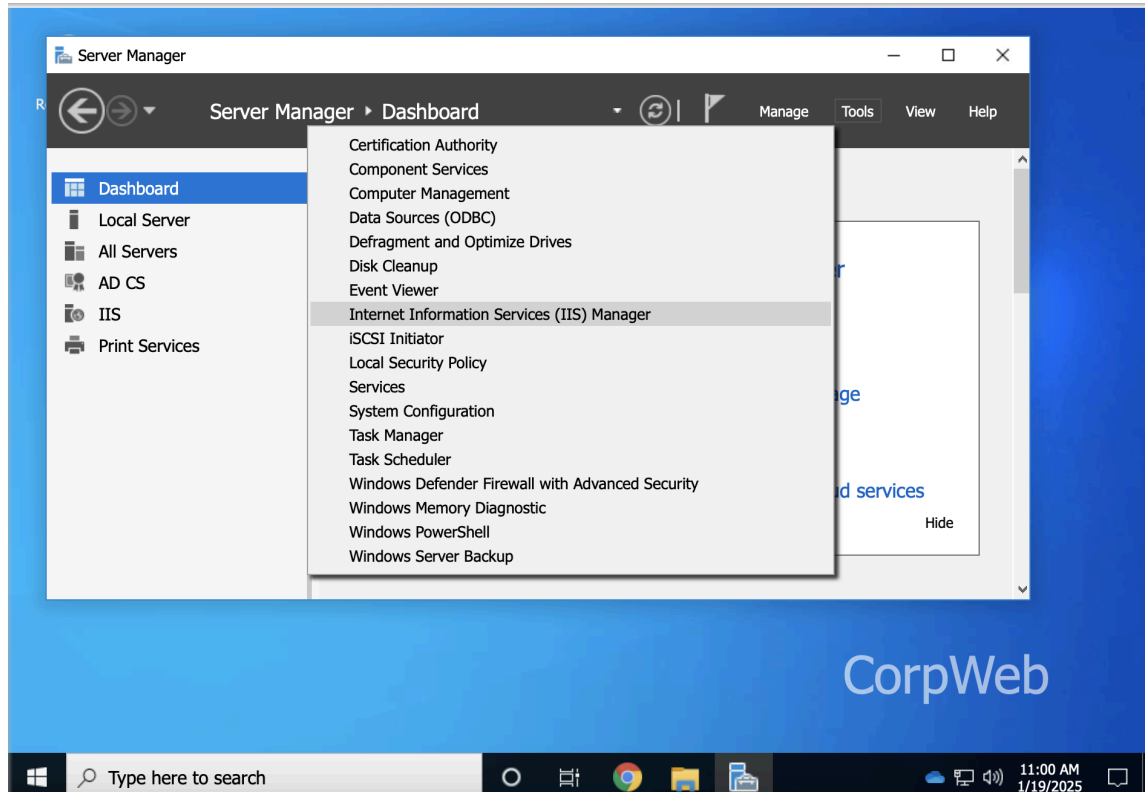
- Website: [www.corpnet.xyz](http://www.corpnet.xyz)
- Protocol: HTTPS
- Port: 443
- SSL certificate: [www.corpnet.xyz](http://www.corpnet.xyz)”

OK! Let's go!

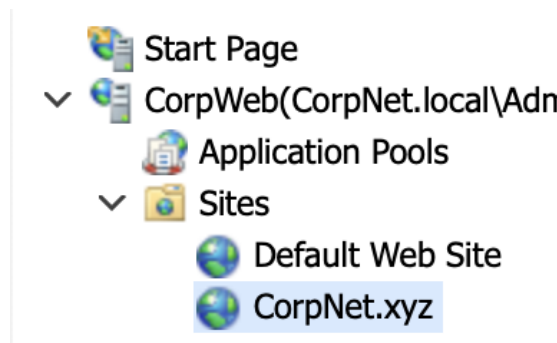
Adding a binding on a Windows based Web Server is very straightforward. WinSysAdmins can access the **IIS (Internet Information Services)** within **Server Manager**.

To access it I'll go to **Tools> Internet Information Services** as shown below:

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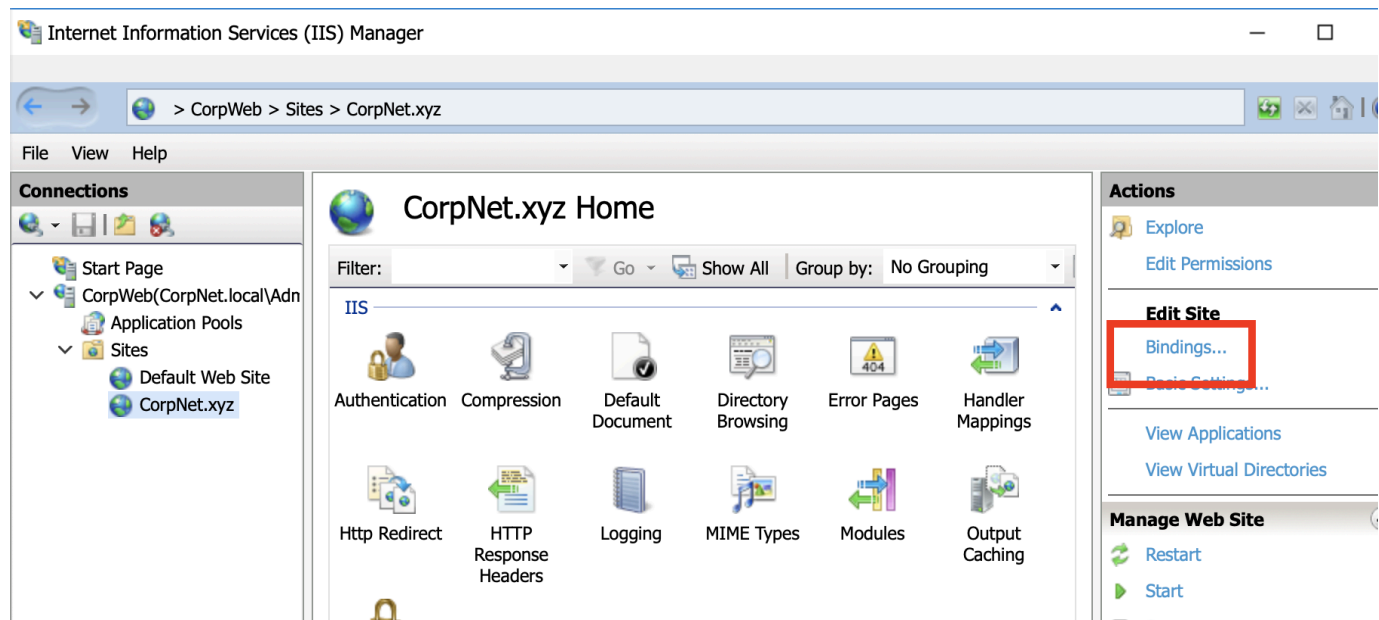


Once it's open I can expand the left menu pane to show all of the websites on this Windows webserver. The Lab states that I need to add the SSL binding for the website **www.corpnet.xyz** :

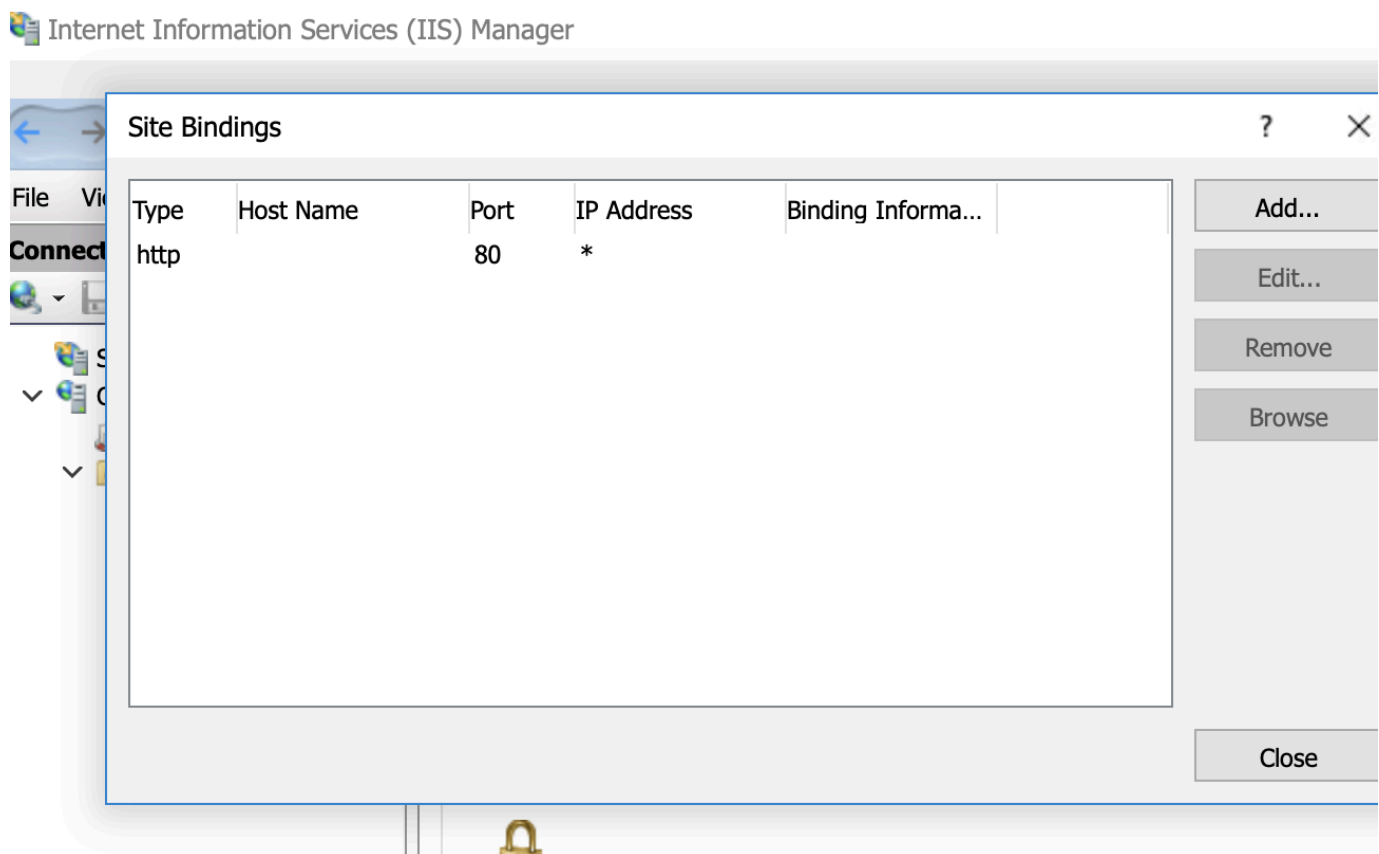


Once I click on the website , I'll head to the far right menu pane and select "Bindings" (see **red rectangle below**)

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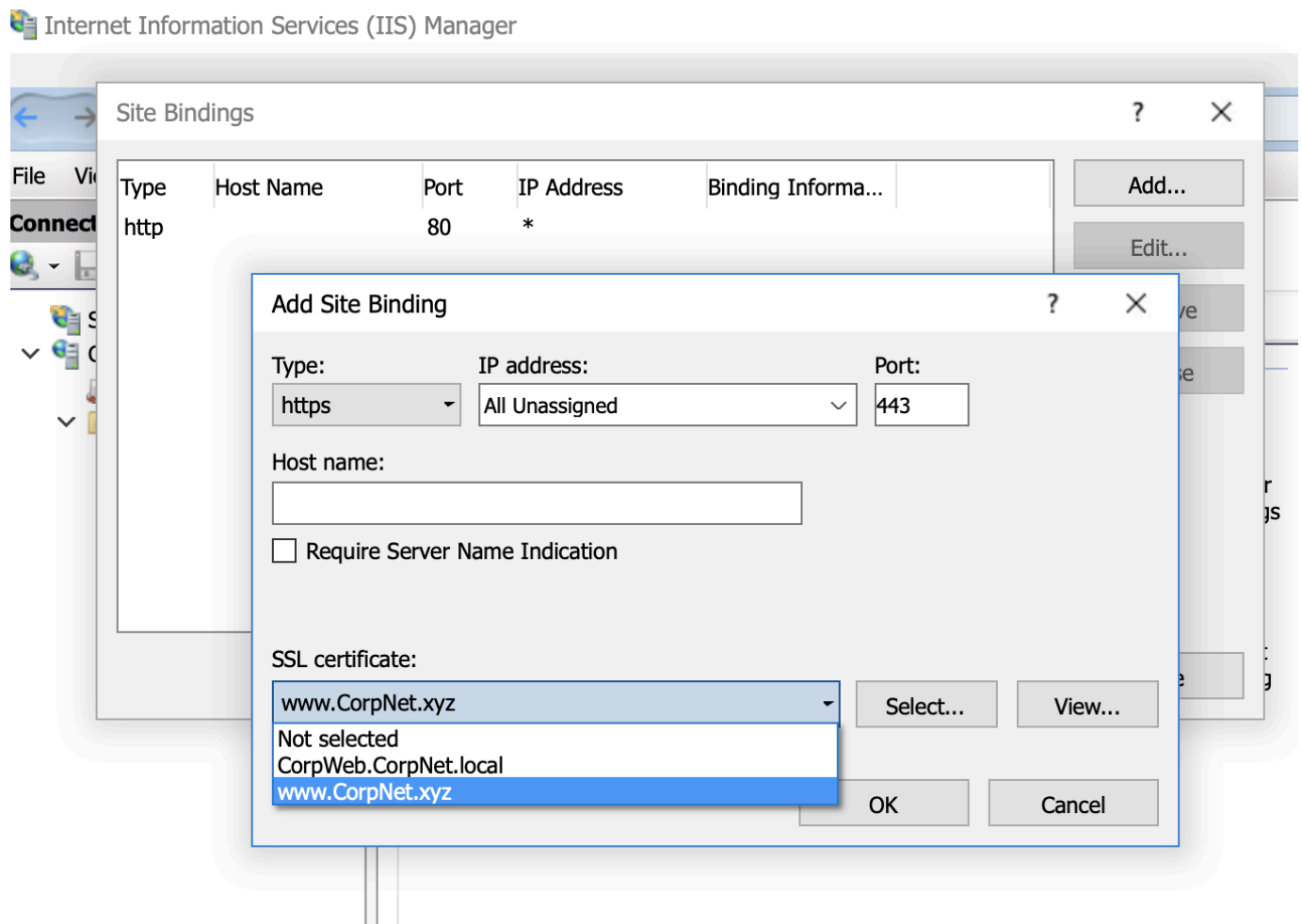


Clicking on **Bindings** brings up the following Window:



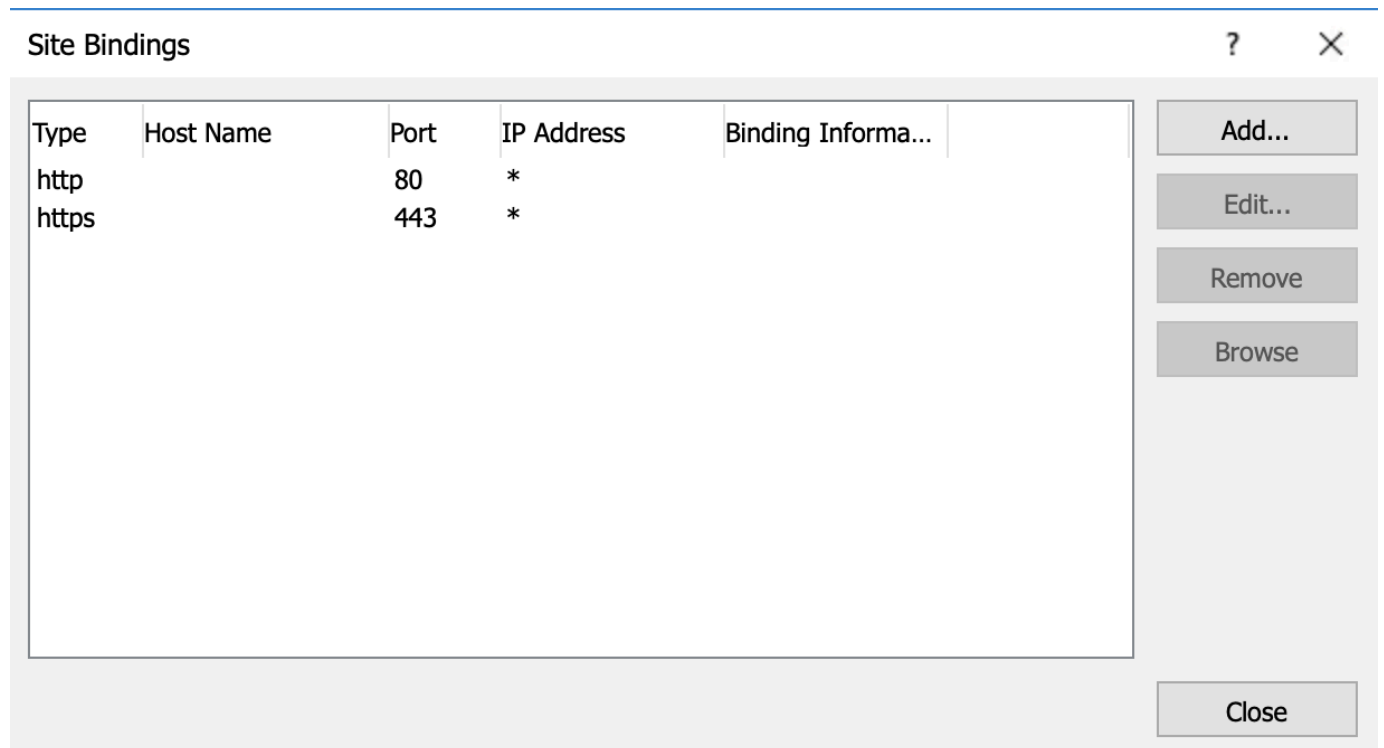
This binding tells this webserver to serve HTTP requests on Port 80 for ANY IP address. In order to add SSL (caveat: IT industry still calls it SSL even though it's actually TLS) I'll need to enable HTTPS. HTTPS is basically HTTP with added **Transport Layer Security (TLS)**. In order to serve clients HTTPS requests I'll need to open Port 443 on this Web Server.

I'll click **Add** :



Notice in the drop down menu for **SSL Certificates** there are a few to choose from. The Lab asks me to add the [www.corpnet.xyz](https://www.corpnet.xyz) certificate not the **CorpWeb.CorpNet.local** one. After I click **Type:https** , **IP Address: All Unassigned** , **Port:443** I will click the **OK** button.

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After clicking **OK** I can hit the close button.

I am now finished! Clients can now connect to the corpnet.xyz website using HTTPS! This now concludes this lab.

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