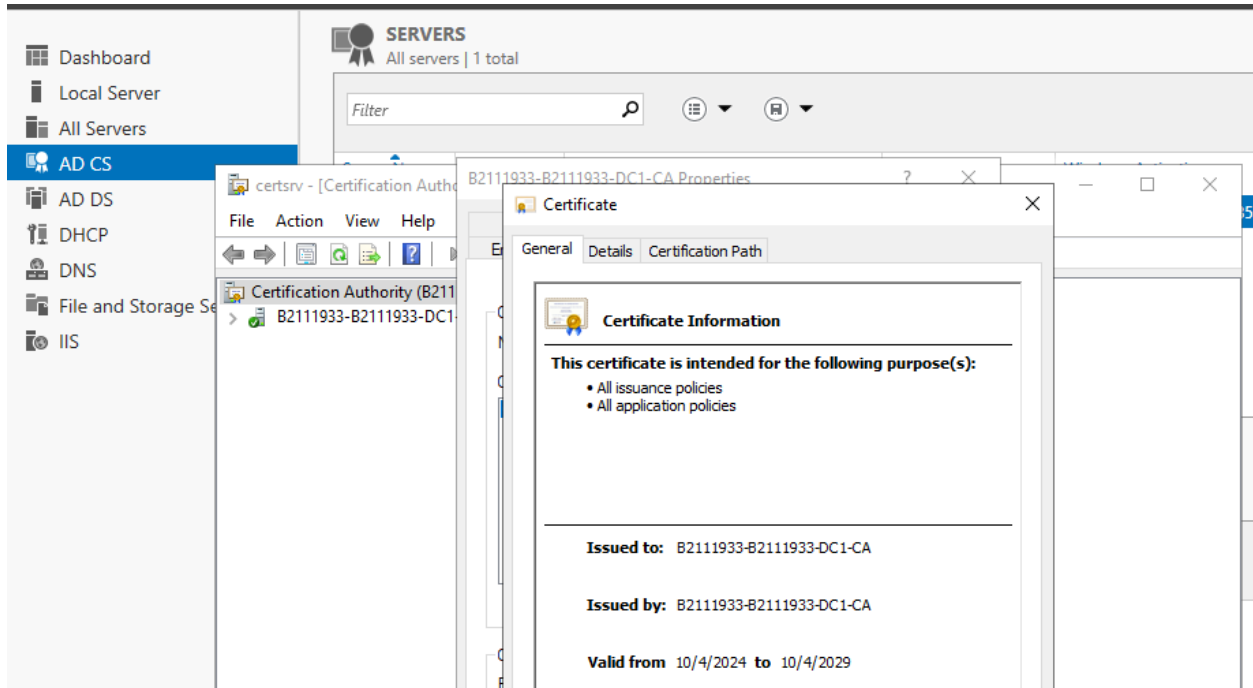


Name: Truong Dang Truc Lam  
ID: B2111933  
Class: CT209H-M04

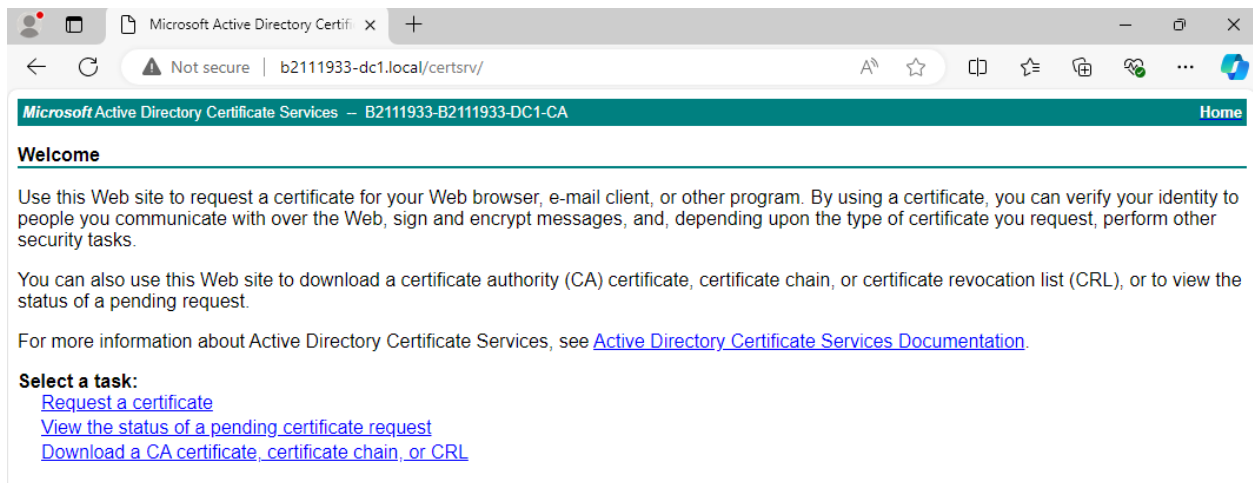
## LAB 4

### Web server

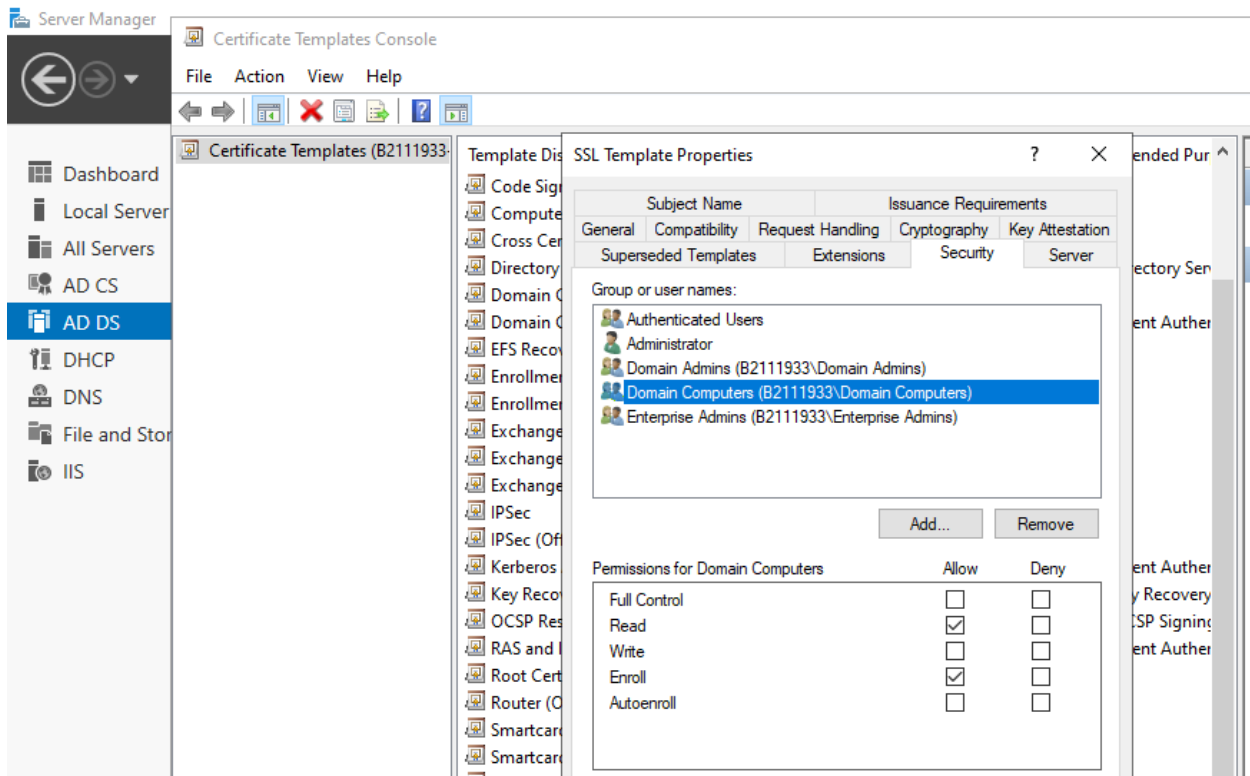
#### EXERCISE 0: CONFIGURE CA



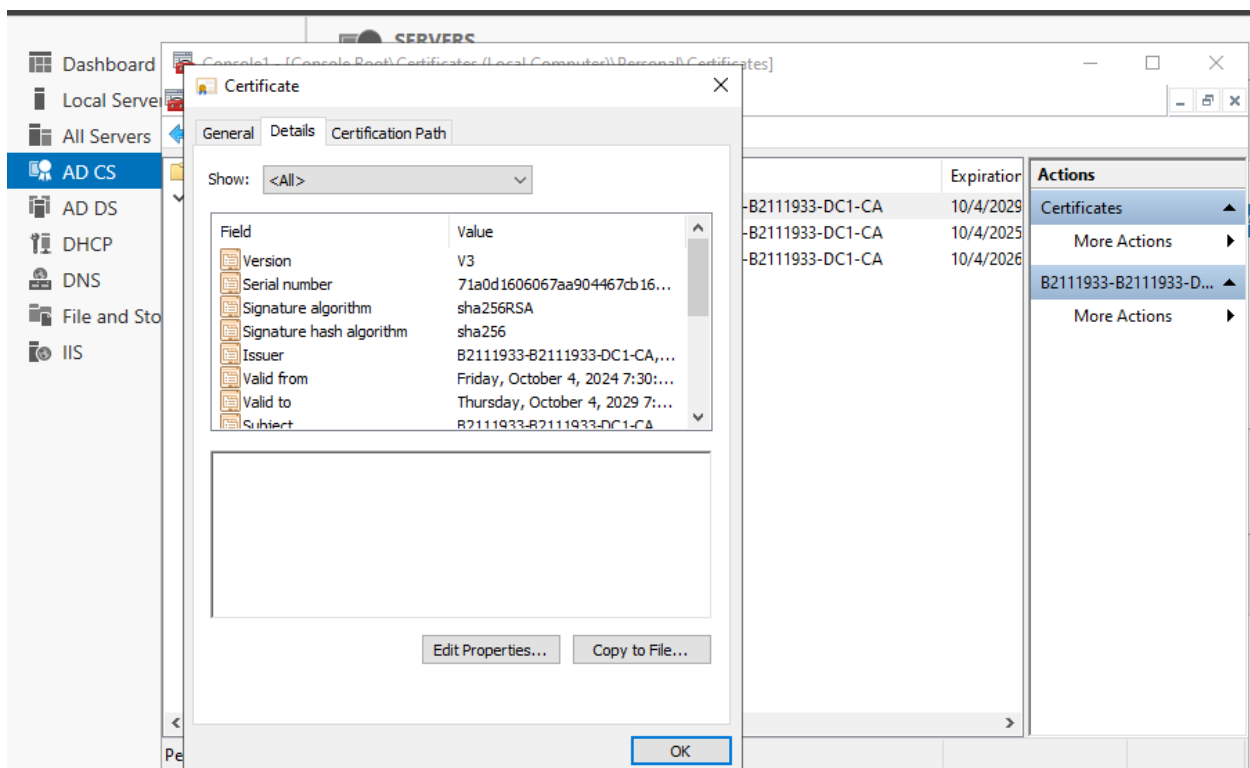
#### AD CS configuration



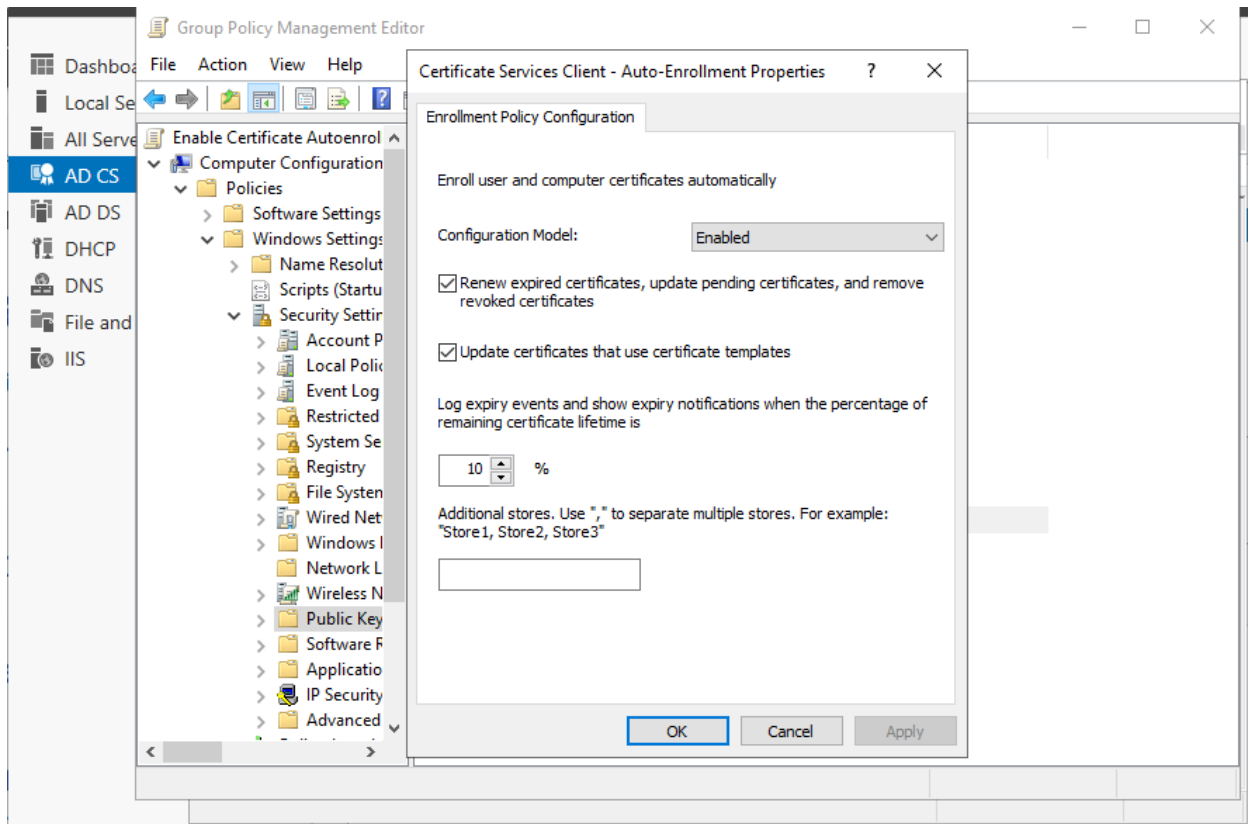
#### Connect from web browser



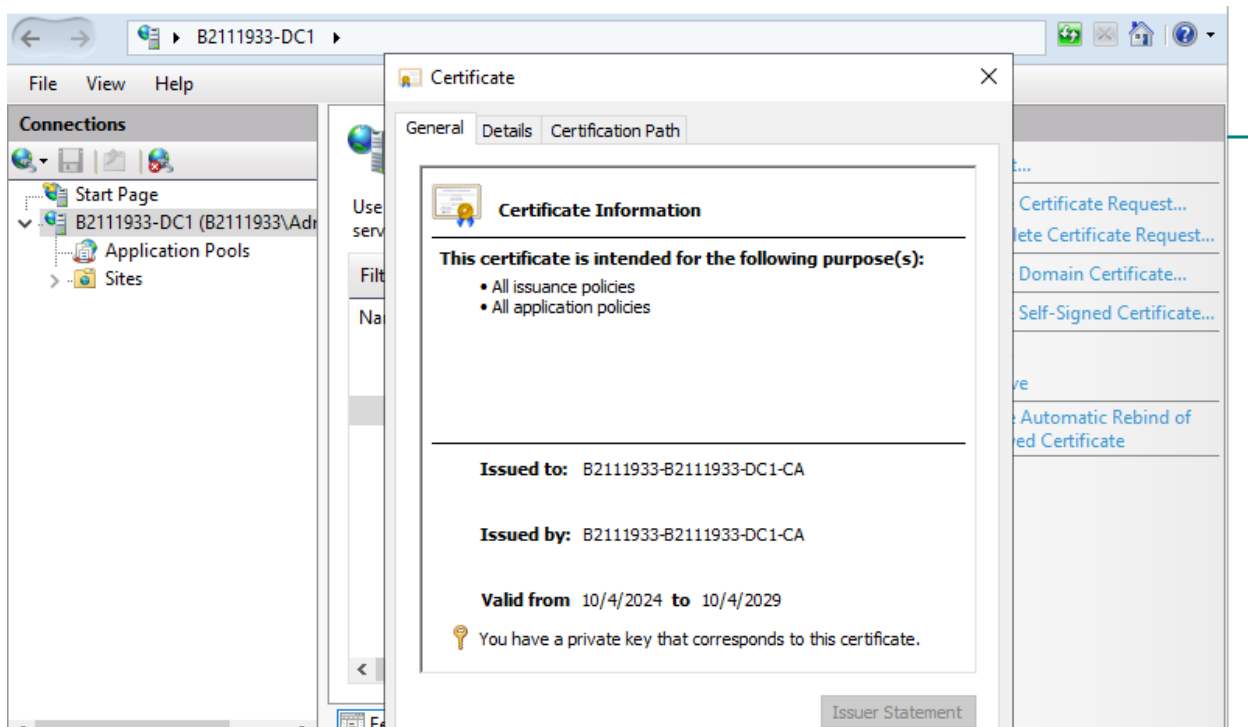
Create new template for SSL



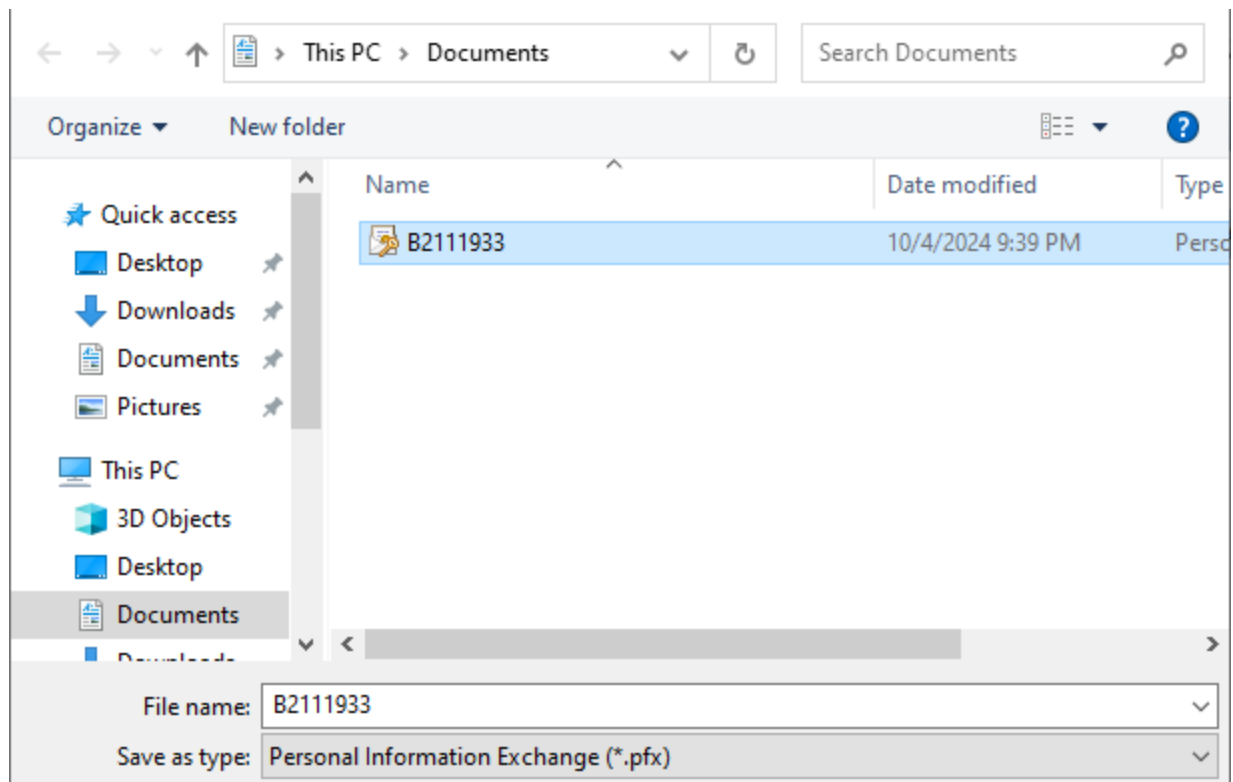
Request a cert from MMC



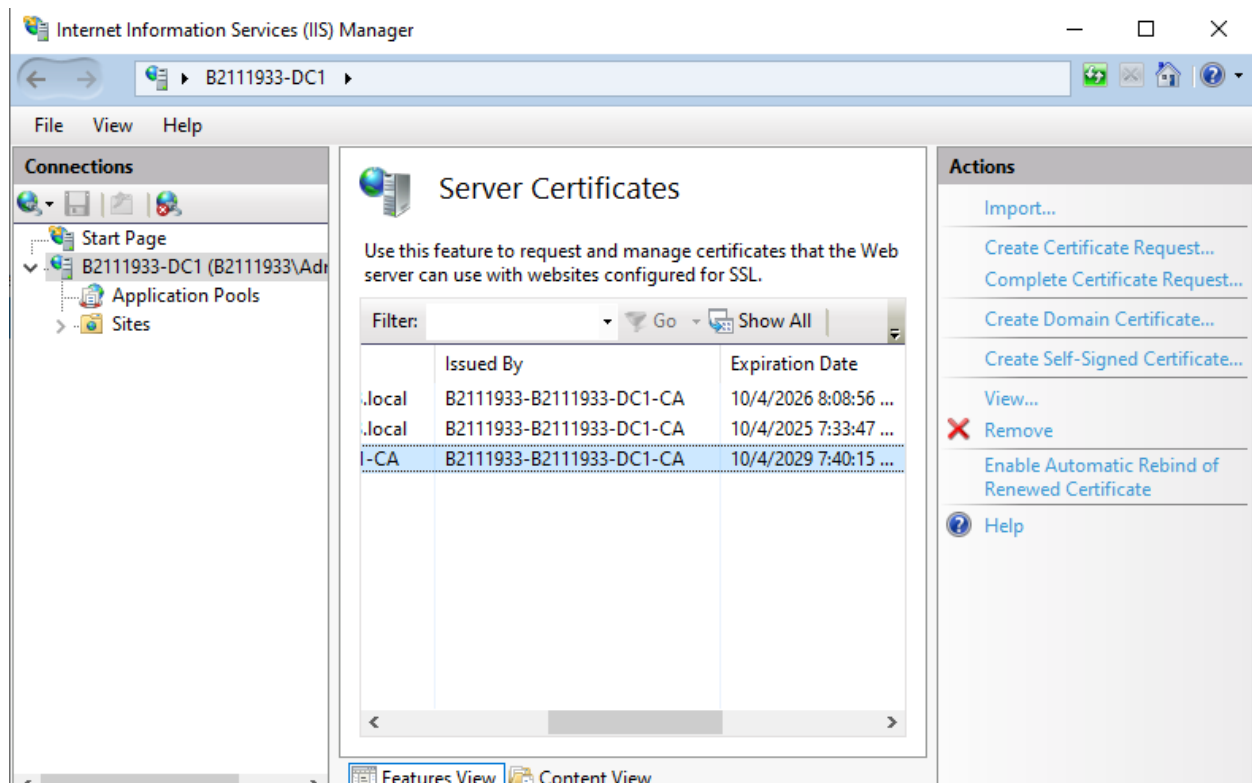
Create an autoenrollment policy



The key icon and the text indicates that SSL certificate works properly to protect the website.

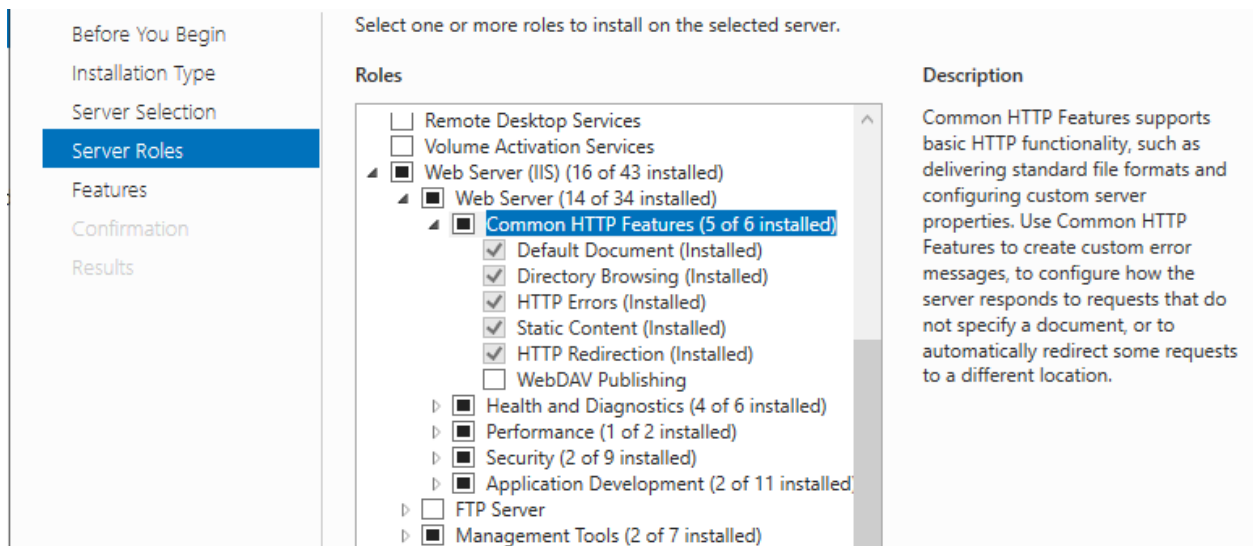


Export certificate

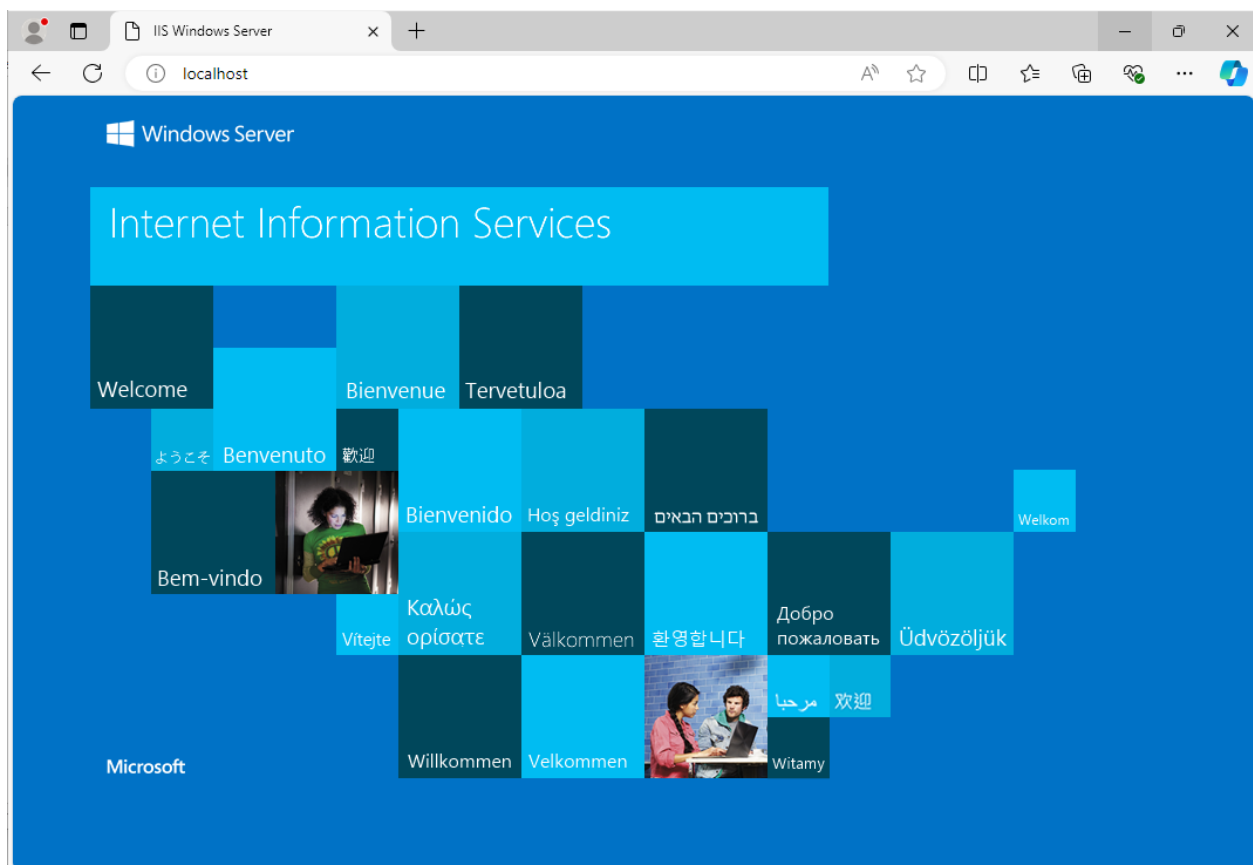


After import

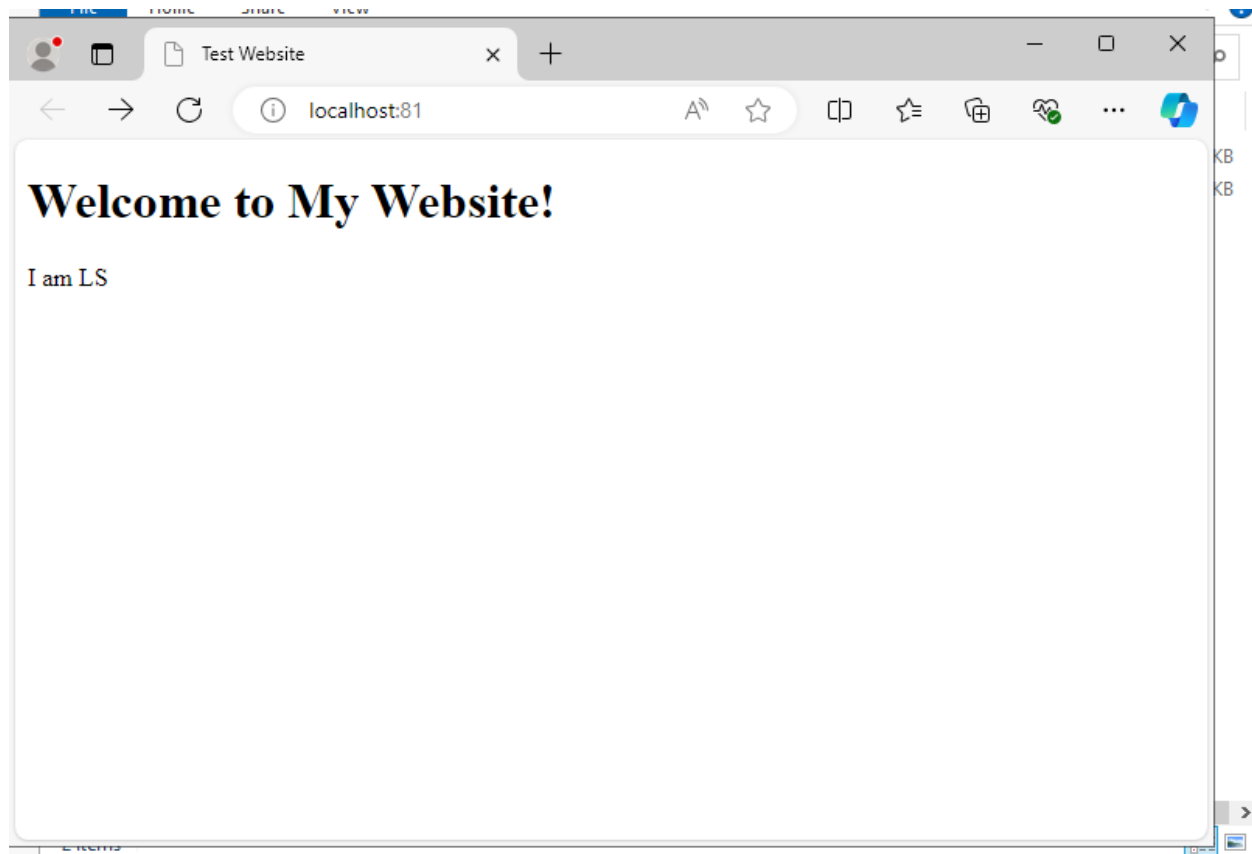
## EXERCISE 1: INSTALL WEB SERVER



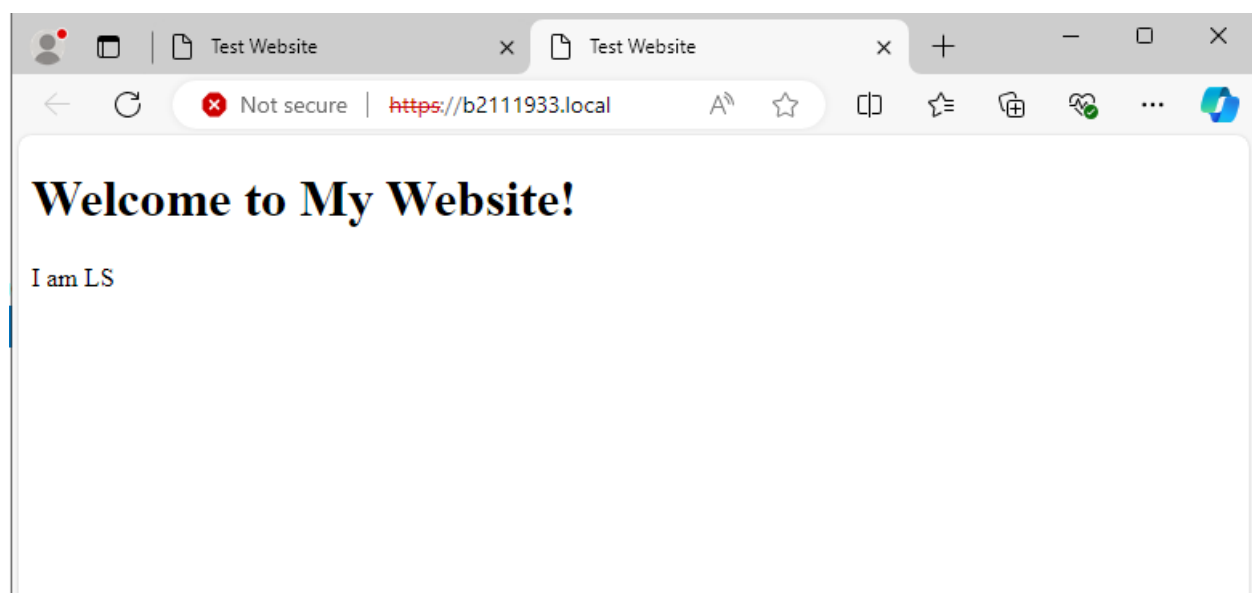
### Install Web Server



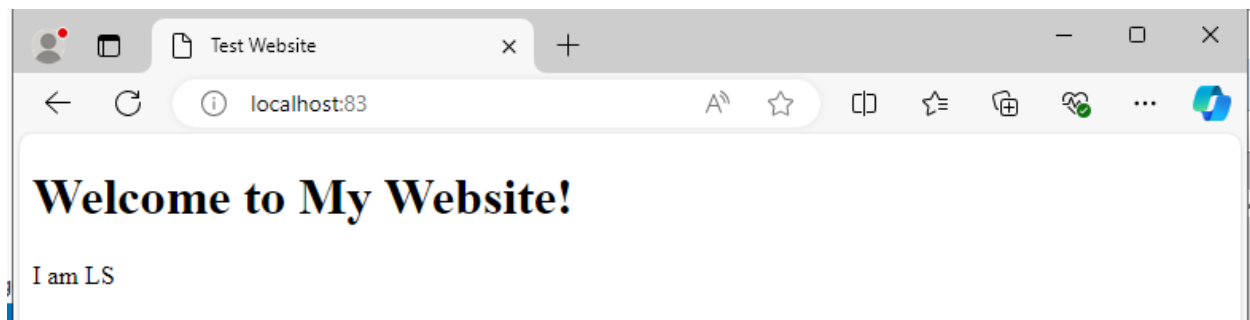
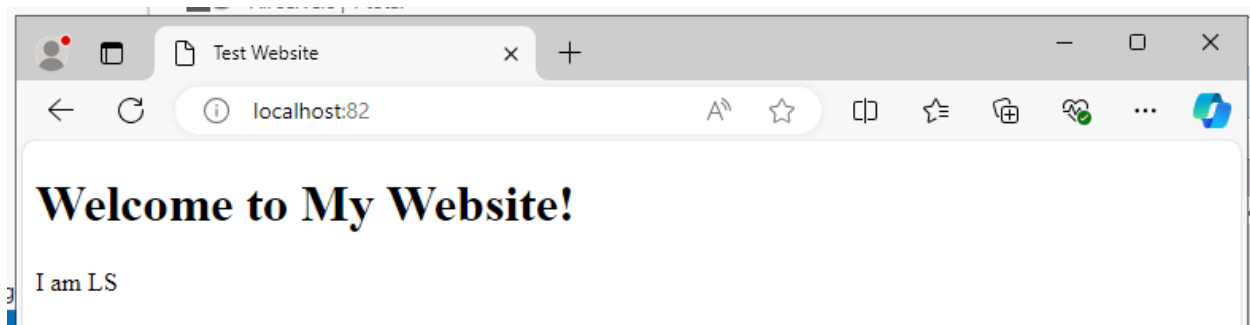
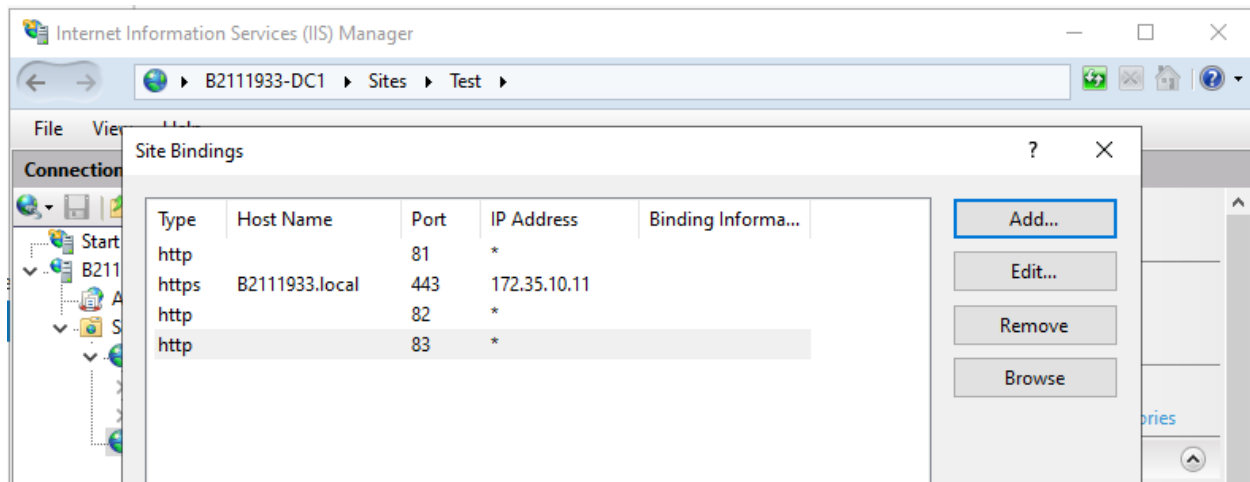
### Verifying that Web server is working



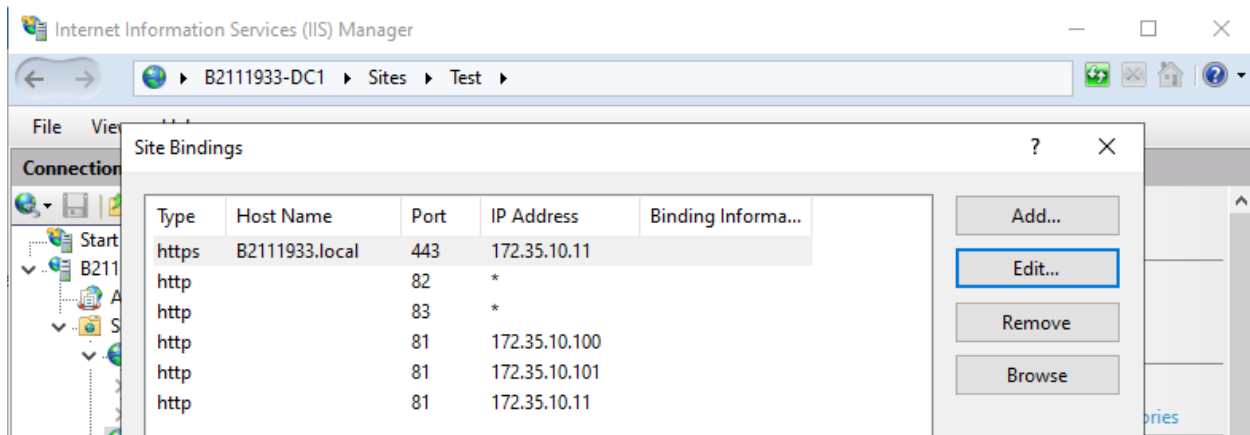
Launch my own website on port 81

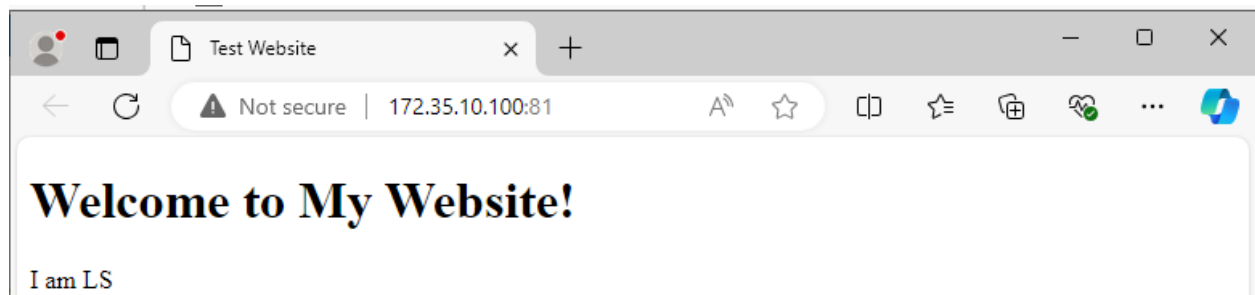
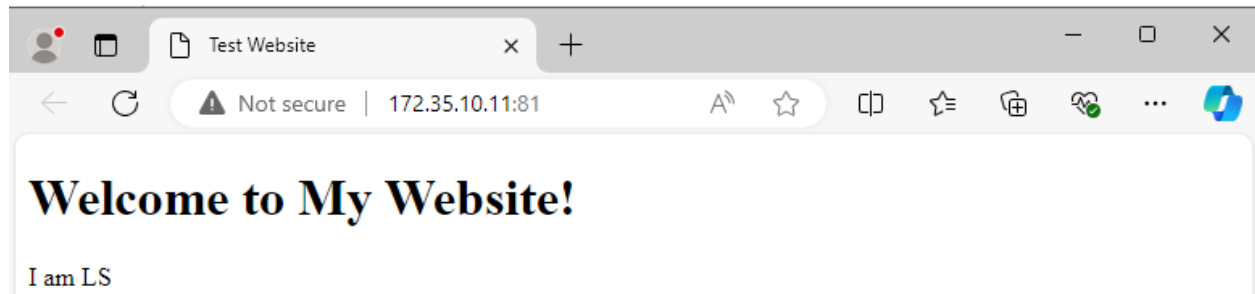


Configure Web server to run on HTTPS

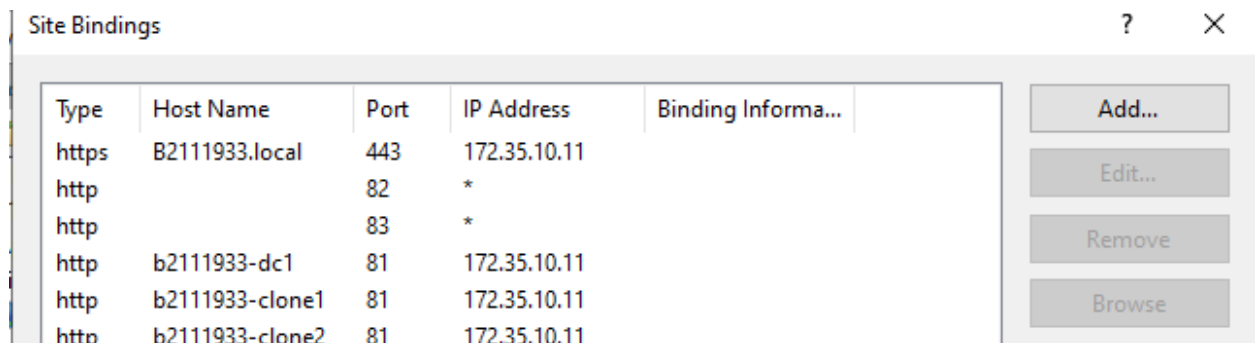


Hosting multiple websites with multiple ports

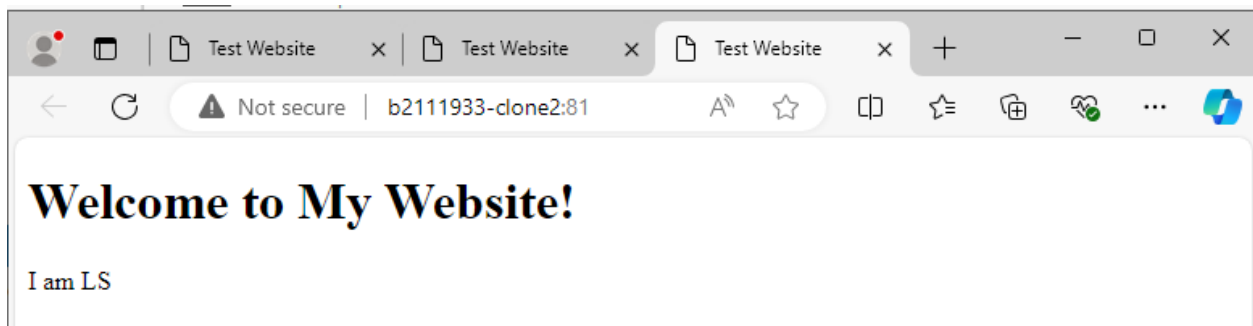
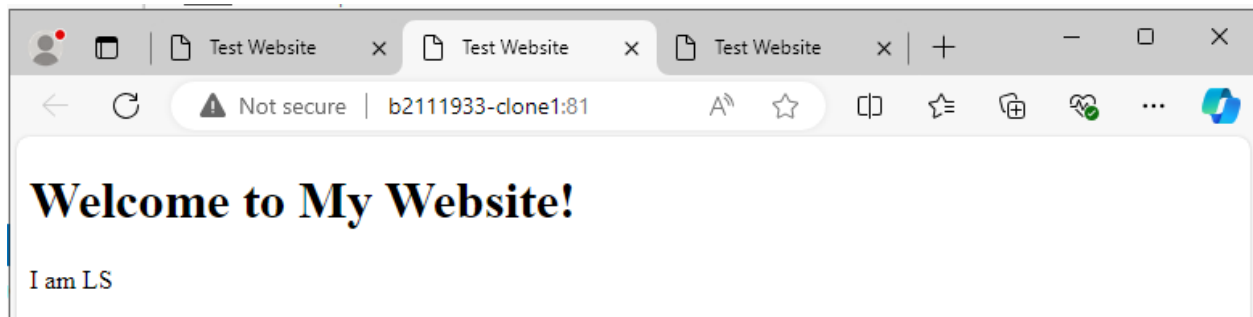




Hosting multiple websites with different IP addresses

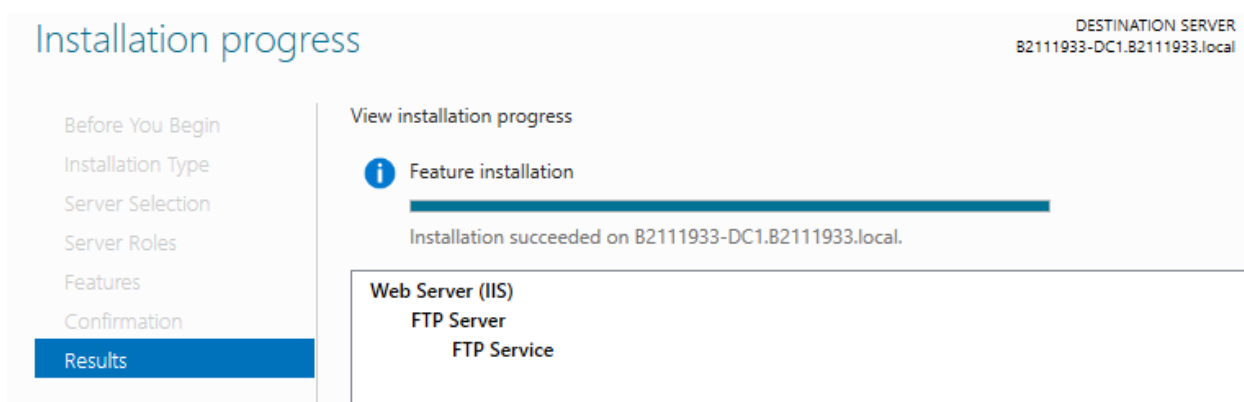






Hosting multiple websites with different host headers

## EXERCISE 2: INSTALL FTP SERVER



Install FTP Server

**Binding and SSL Settings****Binding**

IP Address:

All Unassigned

Port:

21

☐ Enable Virtual Host Names:

Virtual Host (example: ftp.contoso.com):

☒ Start FTP site automatically**SSL**☐ No SSL☒ Allow SSL☐ Require SSL

SSL Certificate:

B2111933-B2111933-DC1-CA

Select...

View...

**Configuring FTP server to use SSL**

Administrator: Command Prompt - ftp 172.35.10.11

```
C:\Users\Administrator>ftp 172.35.10.11
Connected to 172.35.10.11.
220 Microsoft FTP Service
200 OPTS UTF8 command successful - UTF8 encoding now ON.
User (172.35.10.11:(none)): B2111933/Administrator
331 Password required
Password:
230 User logged in.
ftp> put C:\Users\Administrator\Downloads\certnew.cer CERT
200 PORT command successful.
125 Data connection already open; Transfer starting.
226 Transfer complete.
ftp: 1626 bytes sent in 0.00Seconds 1626000.00Kbytes/sec.
ftp> dir /
200 PORT command successful.
125 Data connection already open; Transfer starting.
10-05-24 12:00AM                1636 B2111933-DC1.txt
10-05-24 12:01AM                1626 CERT
226 Transfer complete.
ftp: 105 bytes received in 0.00Seconds 52.50Kbytes/sec.
ftp> get CERT
200 PORT command successful.
125 Data connection already open; Transfer starting.
226 Transfer complete.
ftp: 1626 bytes received in 0.00Seconds 1626.00Kbytes/sec.
ftp>
```

File Explorer: ftproot

This PC > Local Disk (C:) > inetpub > ftproot

Name	Date modified
B2111933-DC1	10/5/2024 12:00 AM
CERT	10/5/2024 12:01 AM

Verify that we can upload and download file from FTP Server with SSL