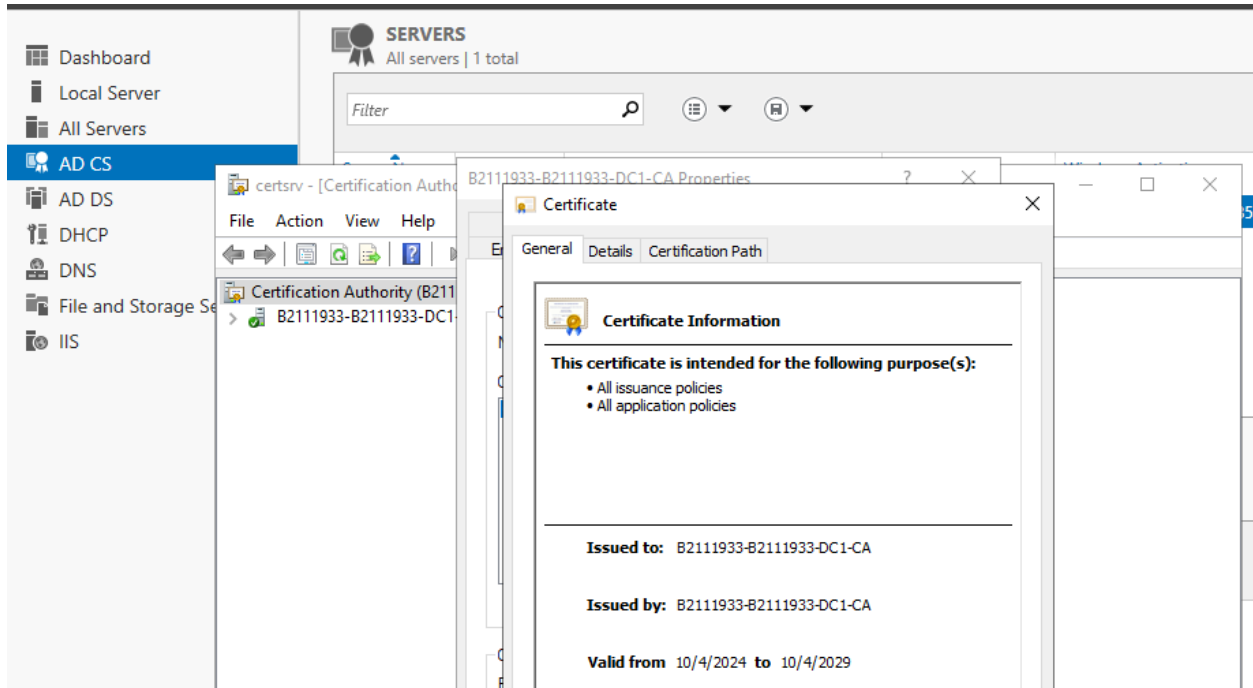


Name: Truong Dang Truc Lam
ID: B2111933
Class: CT209H-M04

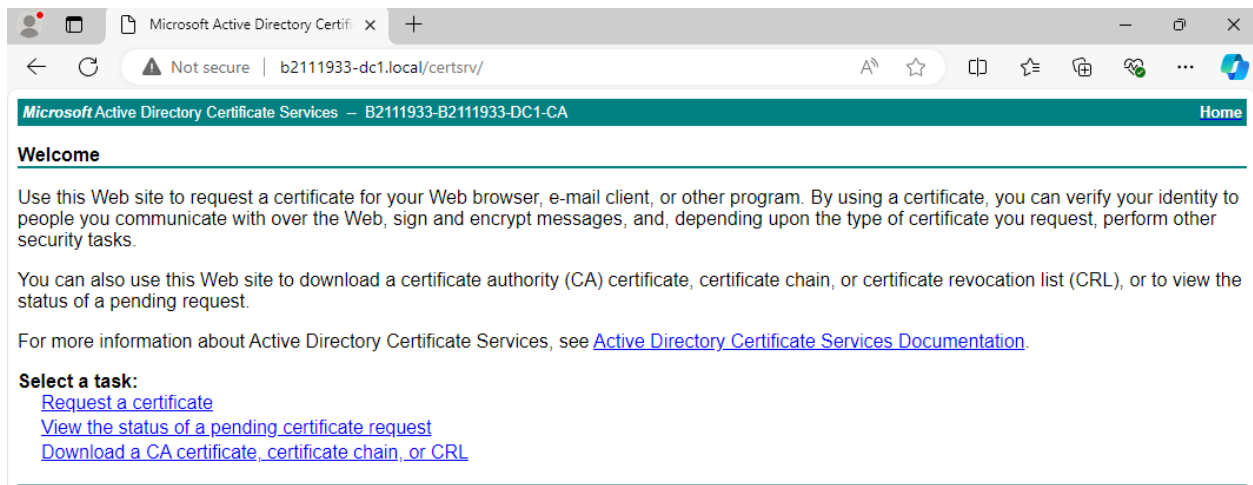
LAB 4

Web server and File Services

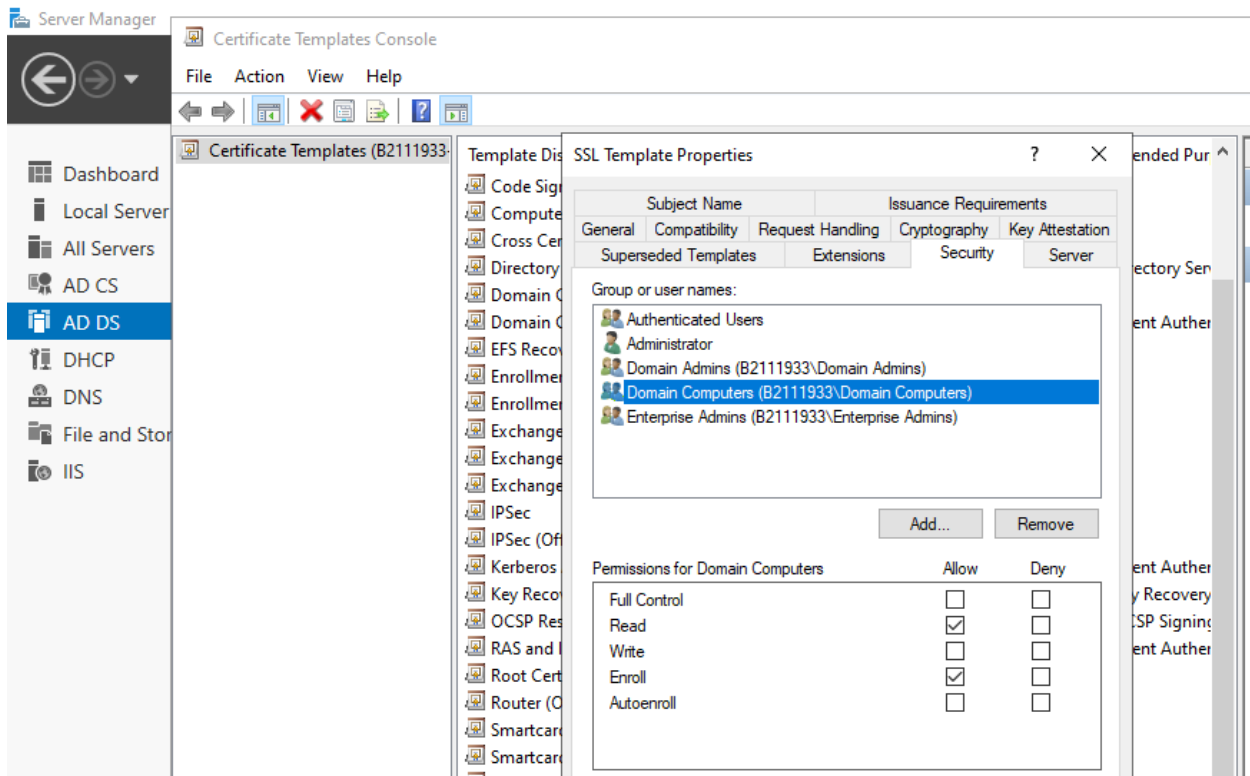
EXERCISE 0: CONFIGURE CA



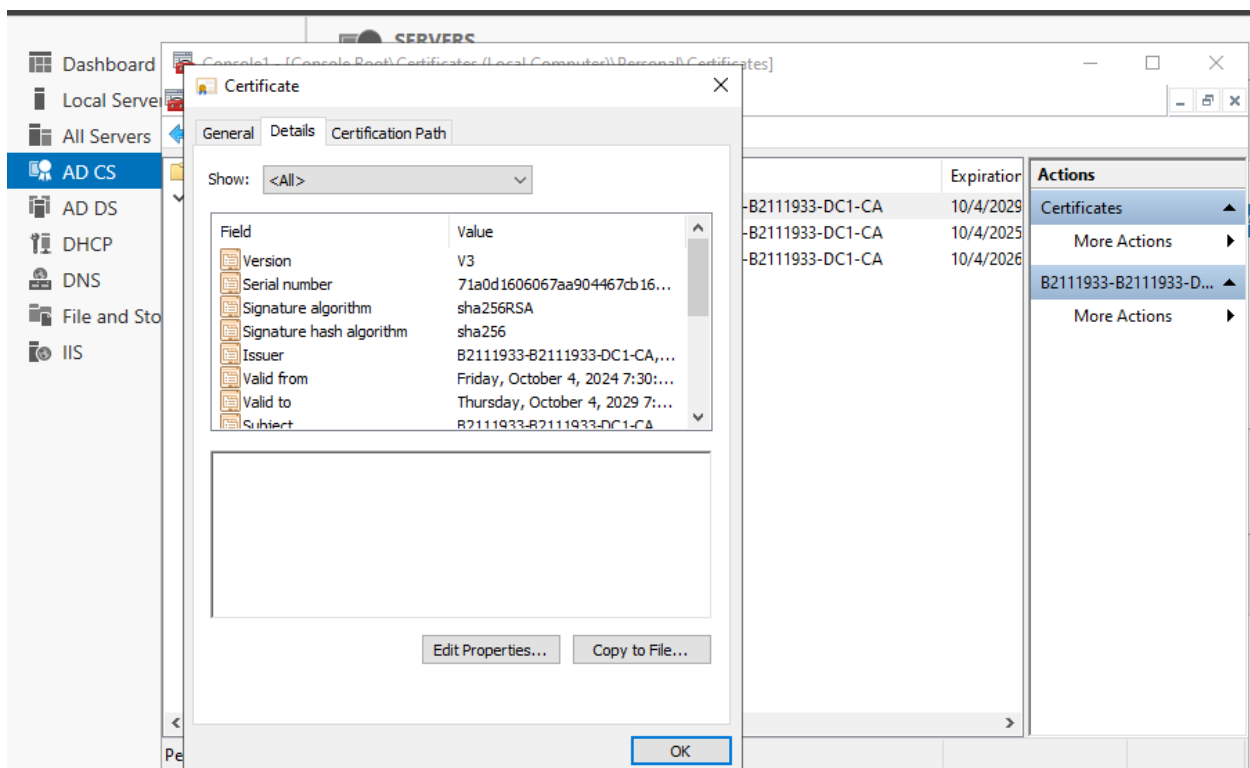
AD CS configuration



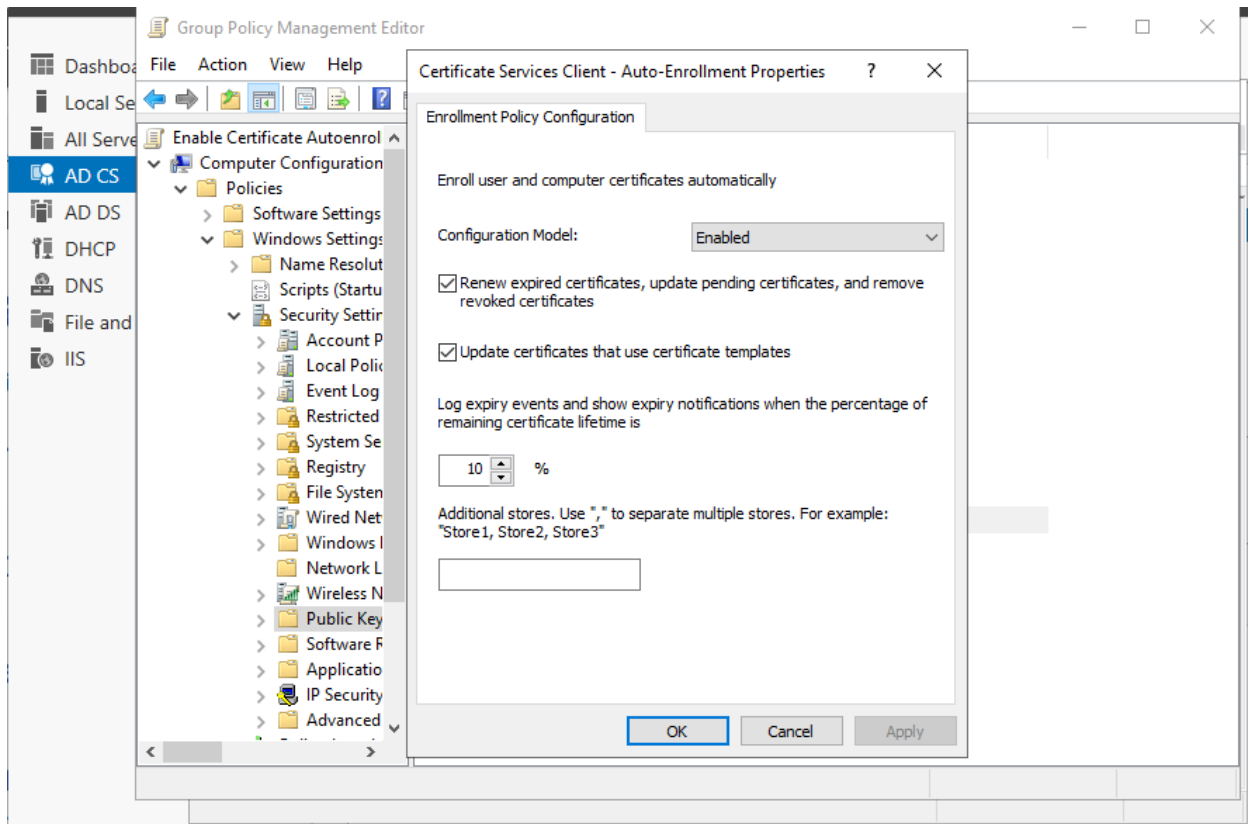
Connect from web browser



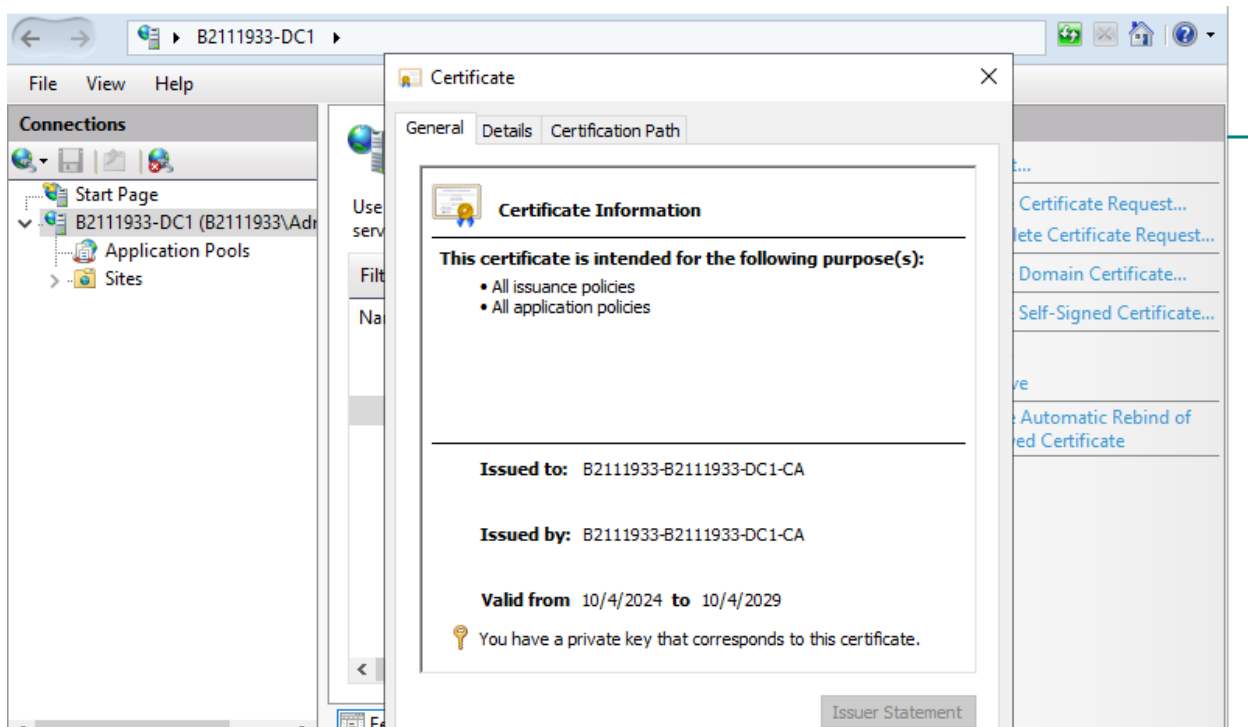
Create new template for SSL



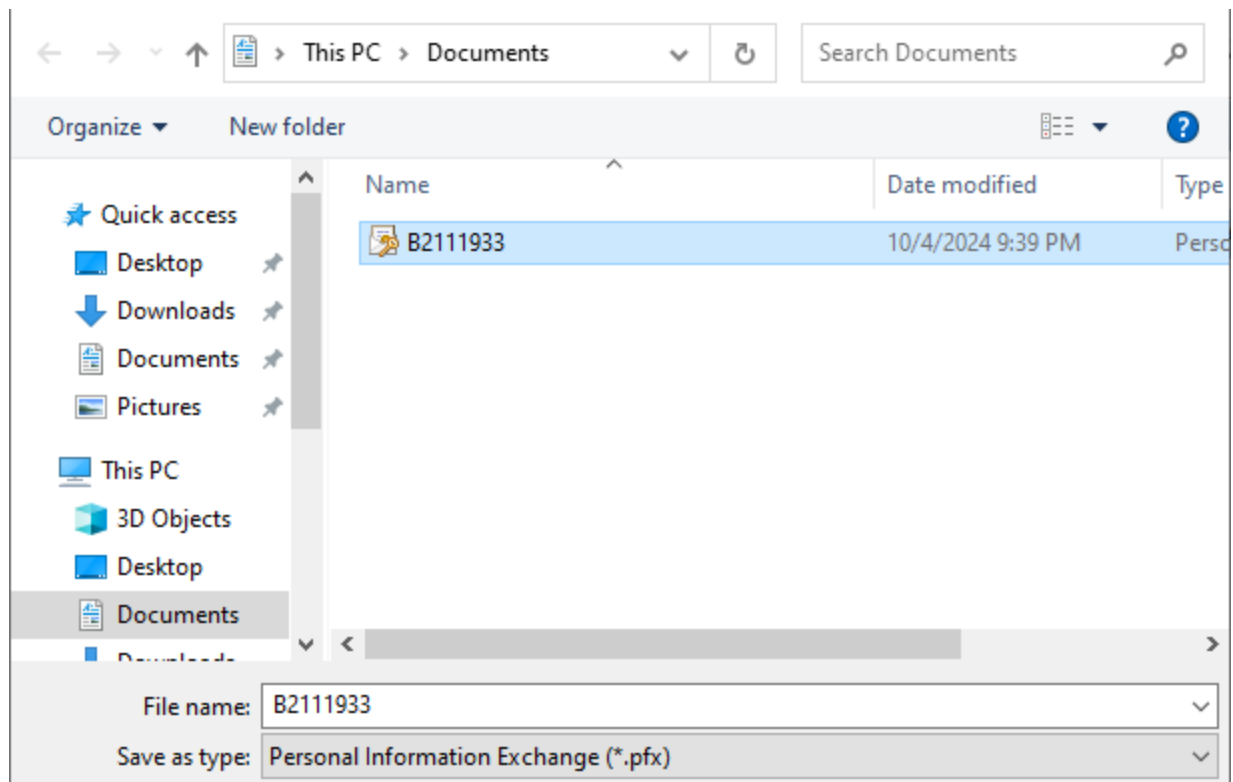
Request a cert from MMC



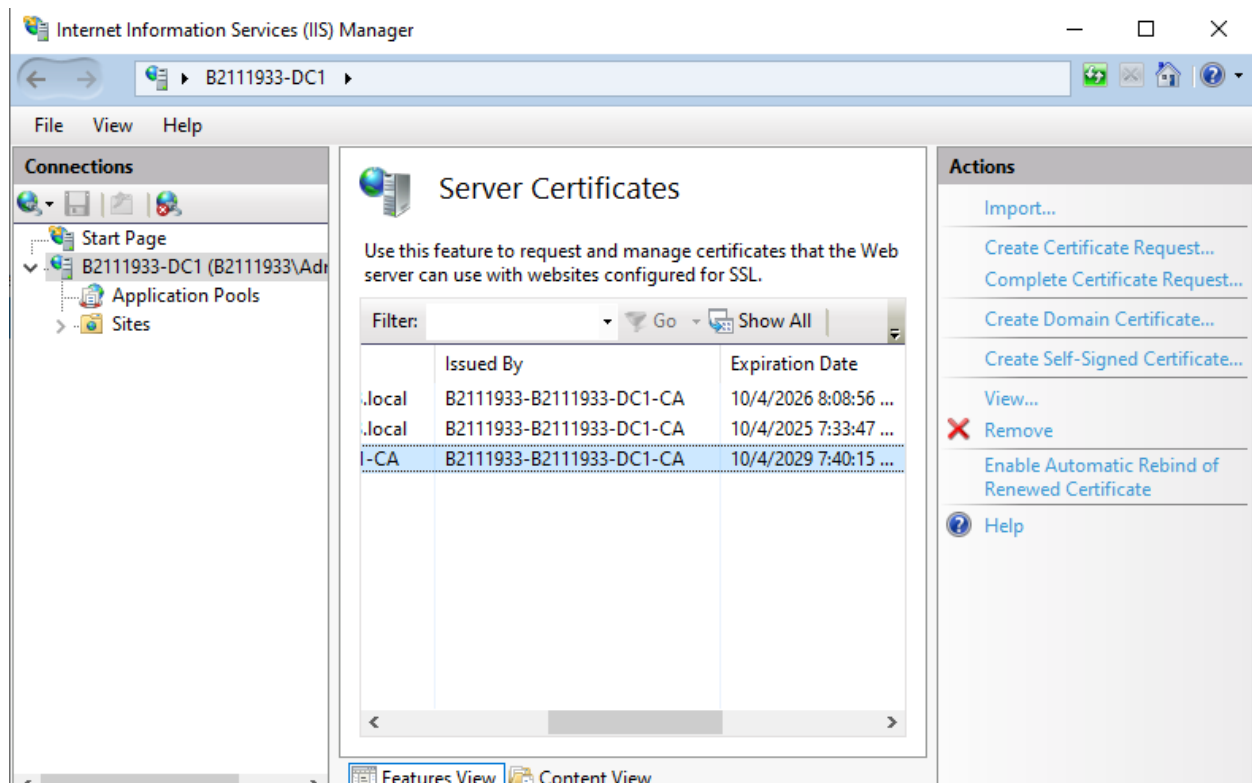
Create an autoenrollment policy



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

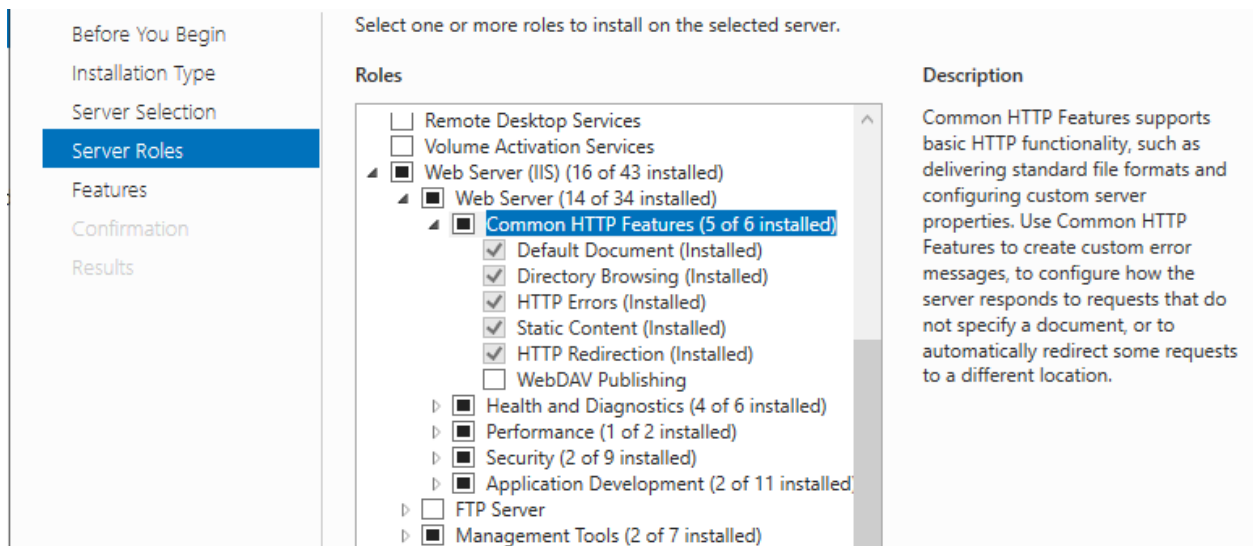


Export certificate

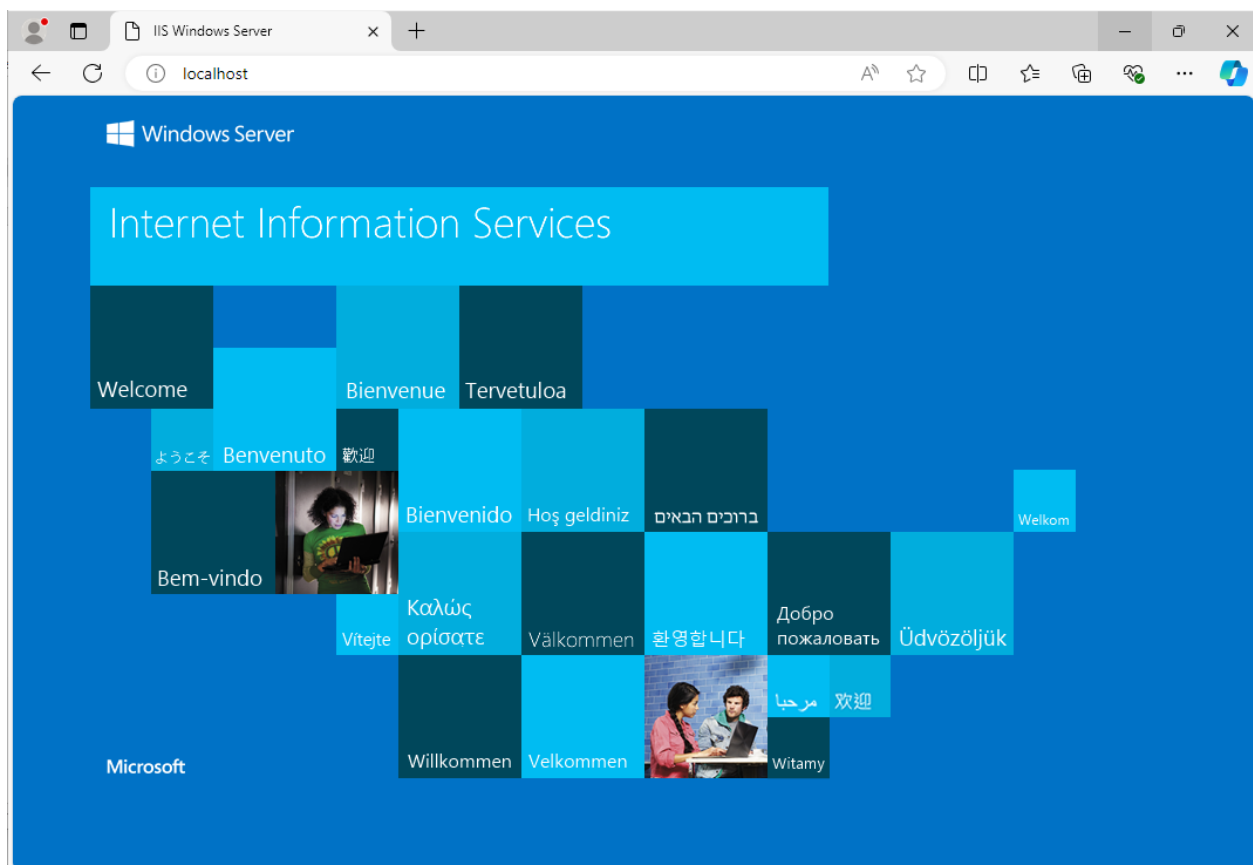


After import

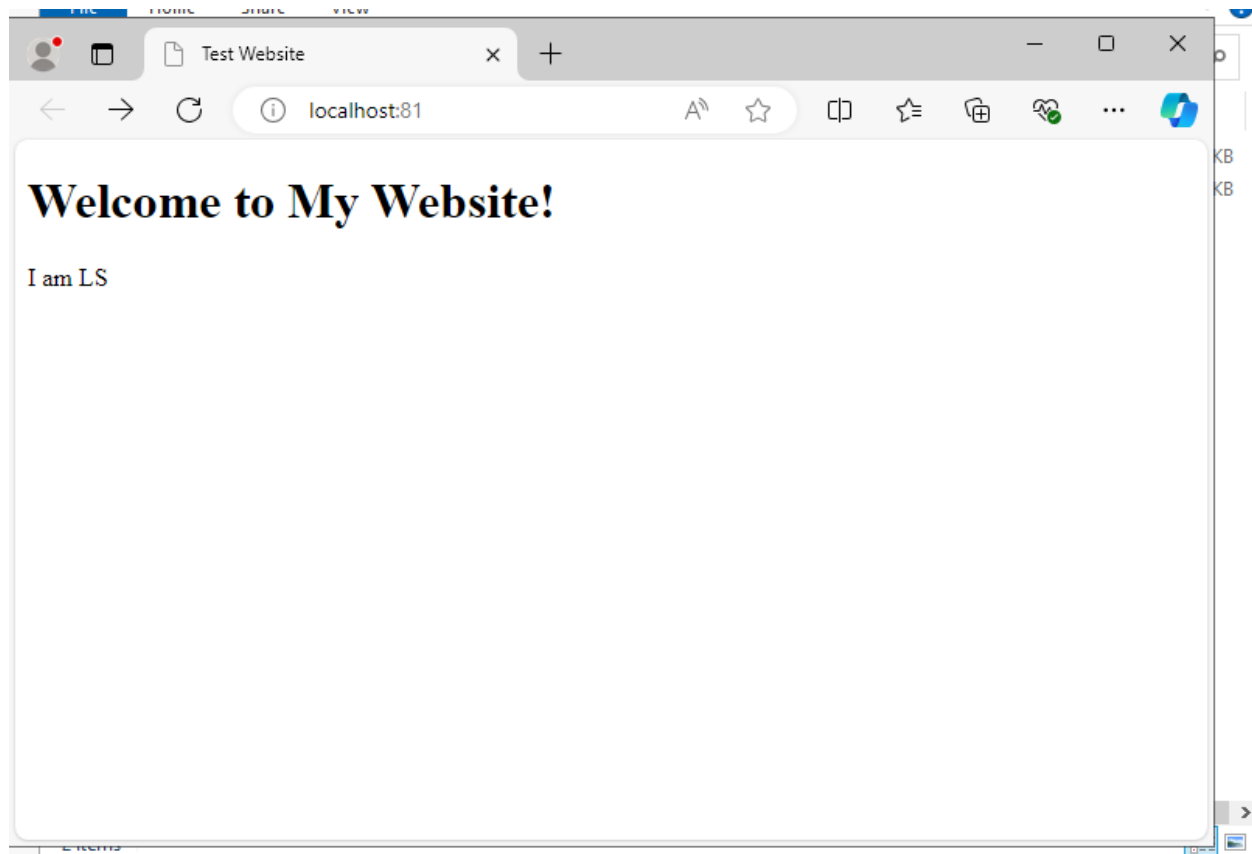
EXERCISE 1: INSTALL WEB SERVER



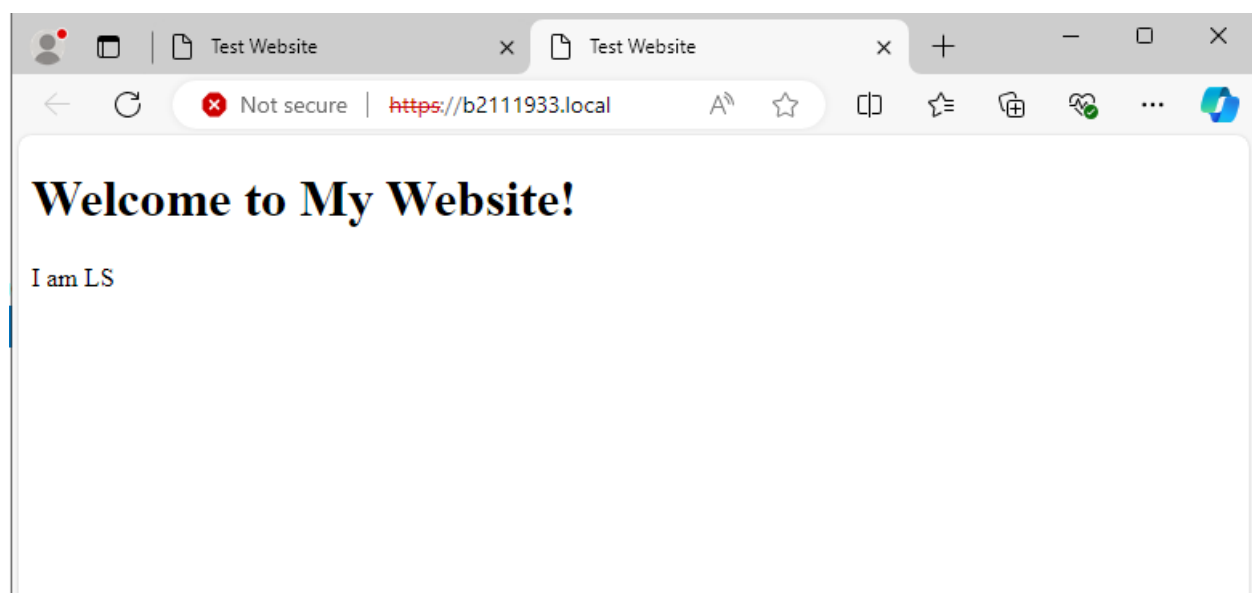
Install Web Server



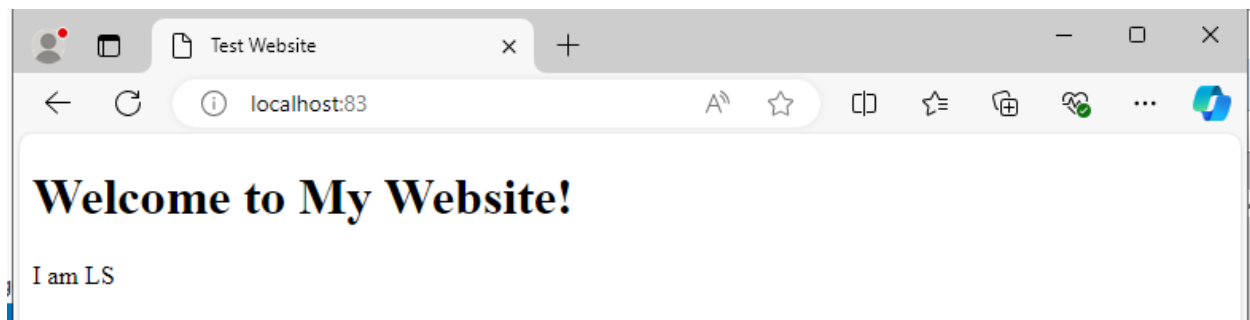
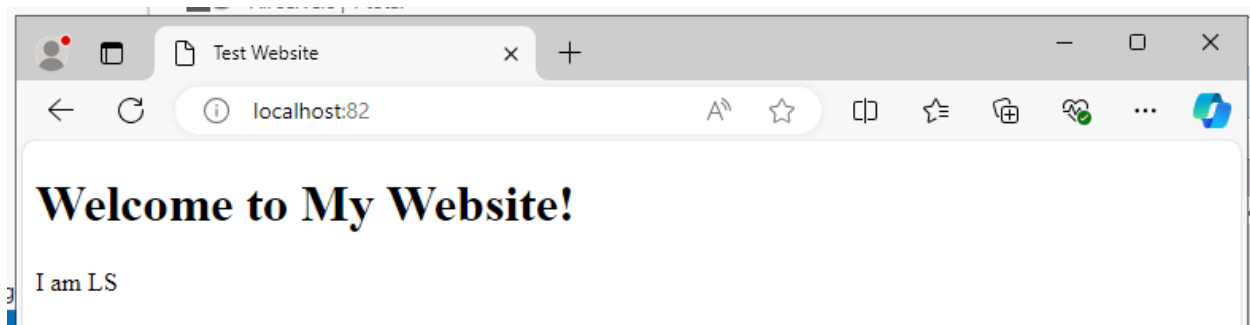
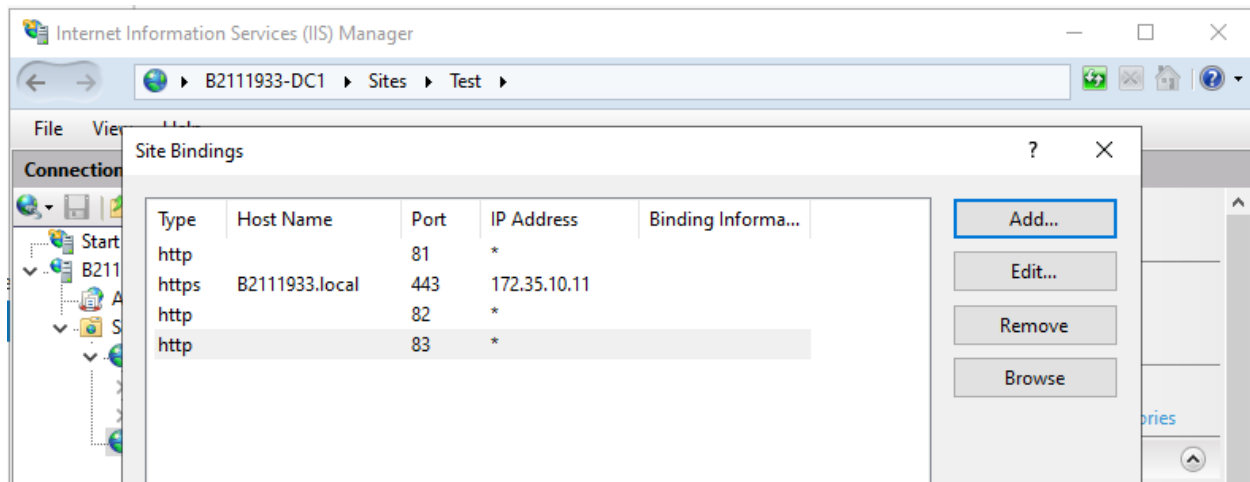
Verifying that Web server is working



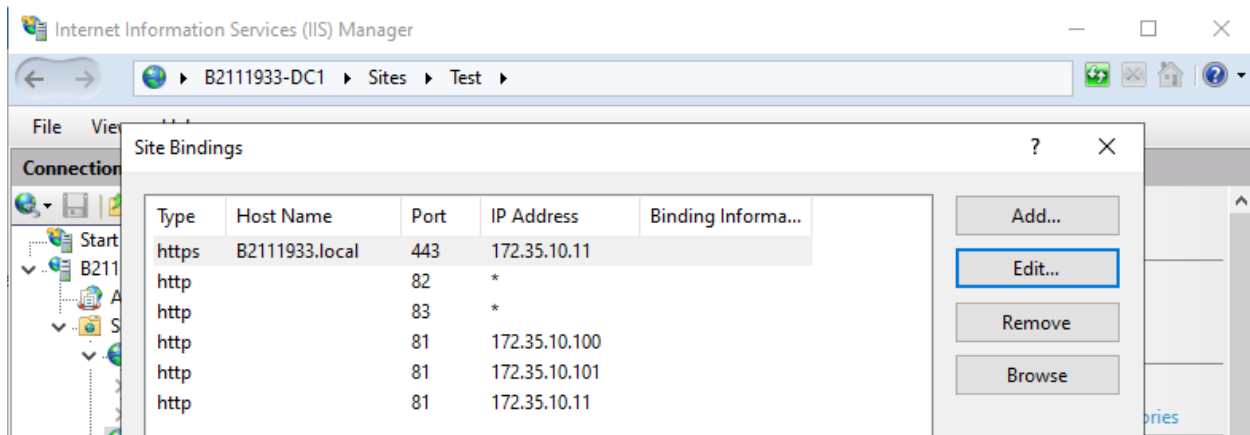
Launch my own website on port 81

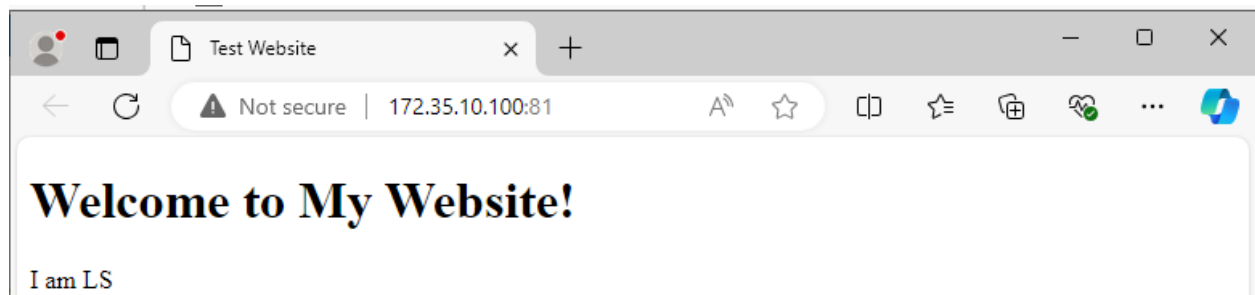
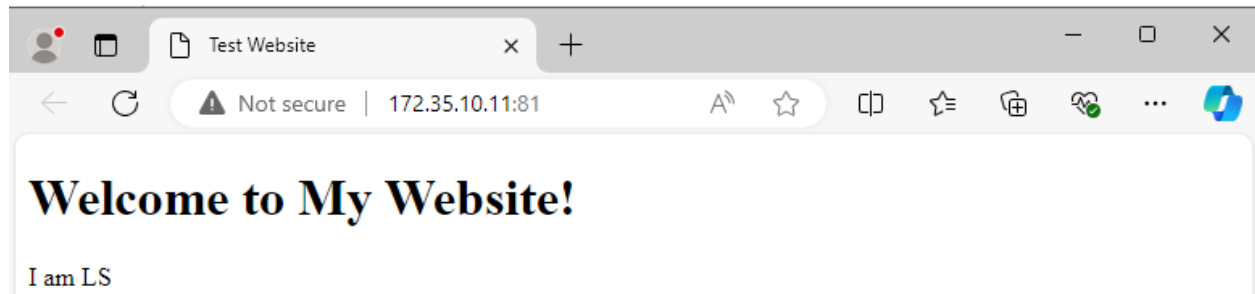


Configure Web server to run on HTTPS

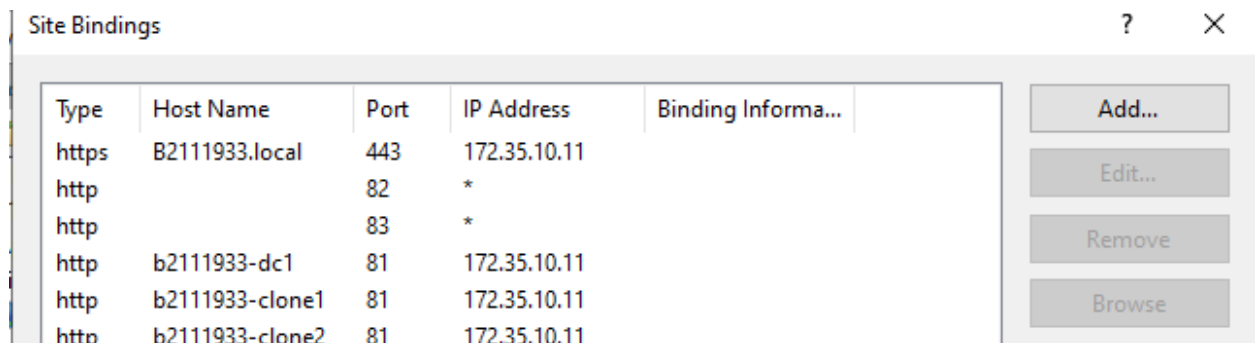


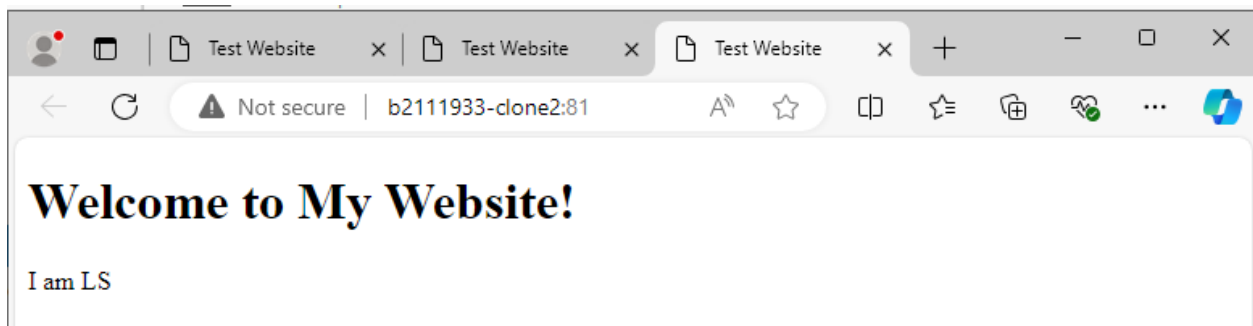
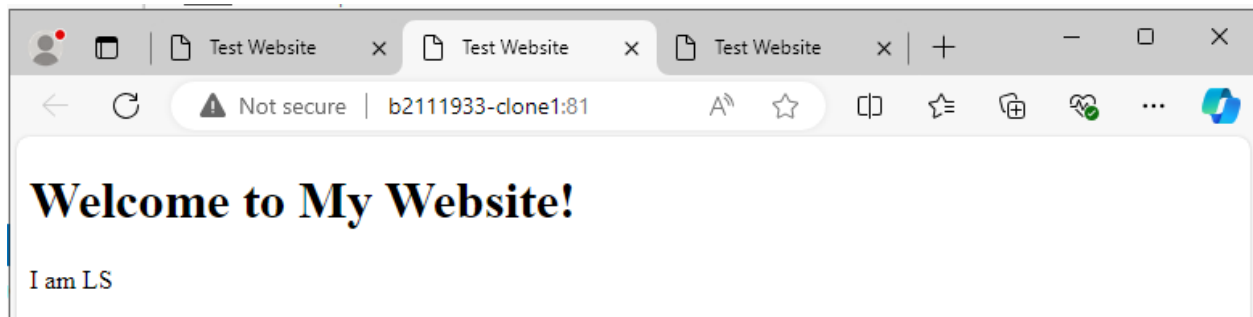
Hosting multiple websites with multiple ports





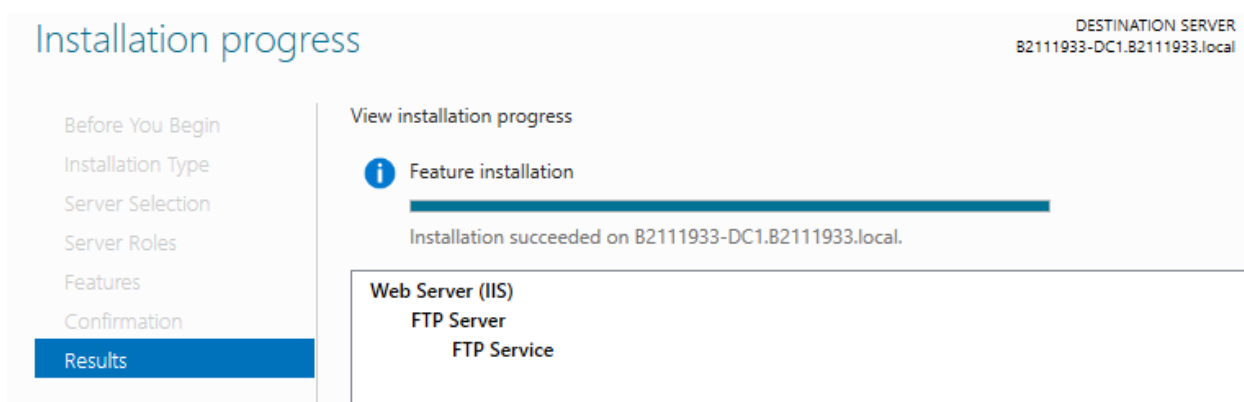
Hosting multiple websites with different IP addresses





Hosting multiple websites with different host headers

EXERCISE 2: INSTALL FTP SERVER



Install FTP Server

**Binding and SSL Settings**

Binding

IP Address: Port:

☐ Enable Virtual Host Names:

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

☒ Start FTP site automatically

SSL

☐ No SSL

☒ Allow SSL

☐ Require SSL

SSL Certificate:

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>
```

ftproot

File Home Share View

← → ↕ ↑ 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

Quick access

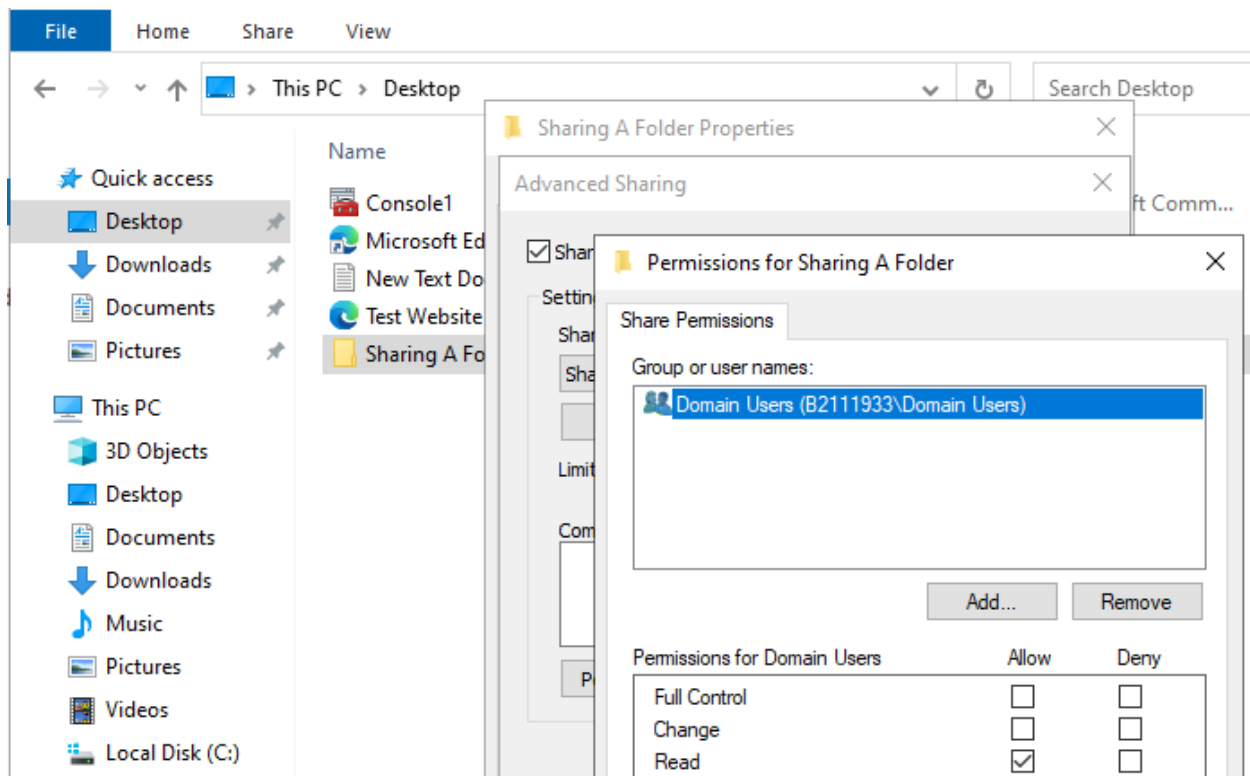
- Desktop
- Downloads
- Documents
- Pictures

This PC

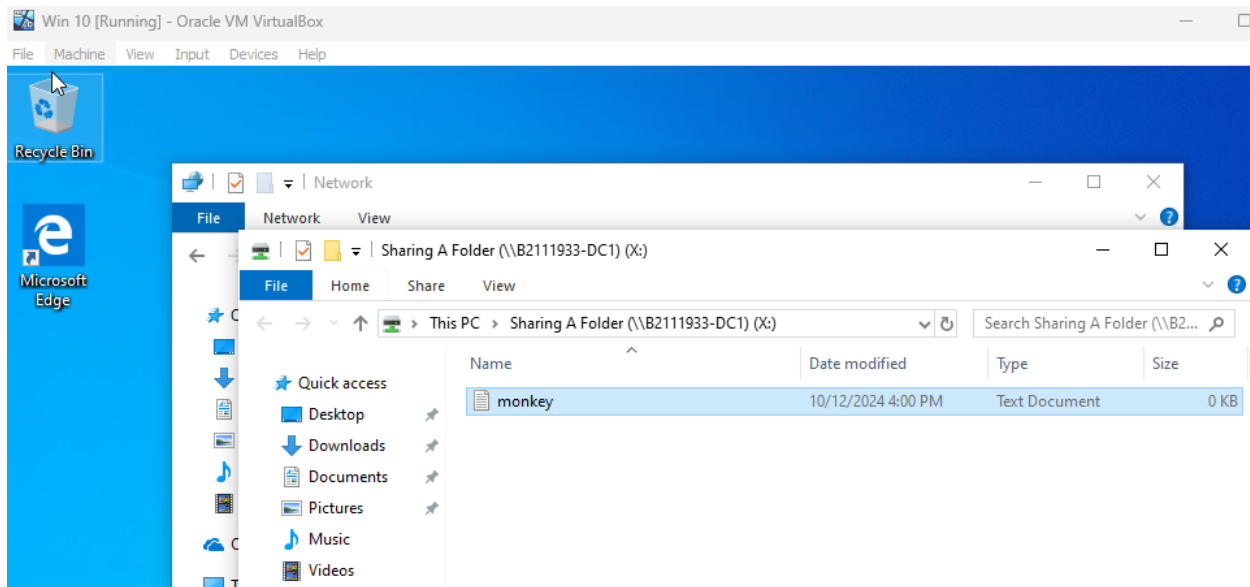
- 3D Objects
- Desktop
- Documents
- Downloads
- Music
- Pictures
- Videos
- Local Disk (C:)
- CD Drive (D:) VirtualB
- CD Drive (D:) VirtualB

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

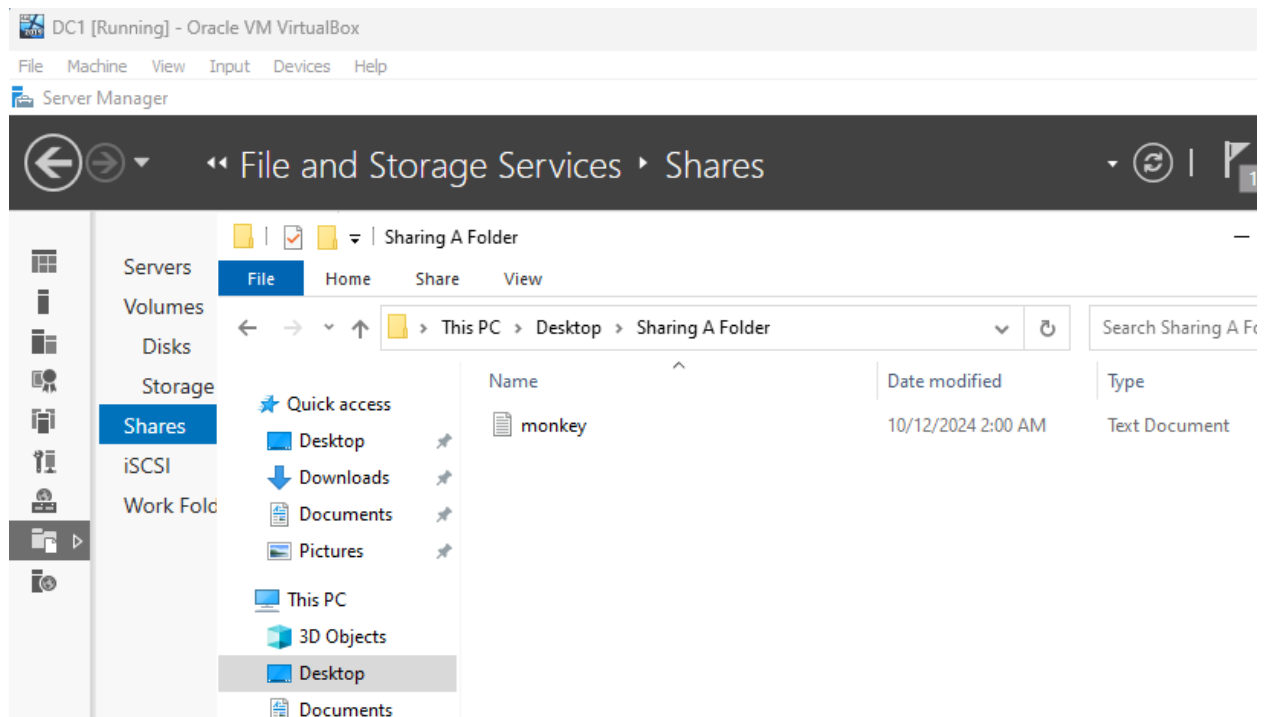
EXERCISE 3: SHARING A FOLDER



Sharing a folder

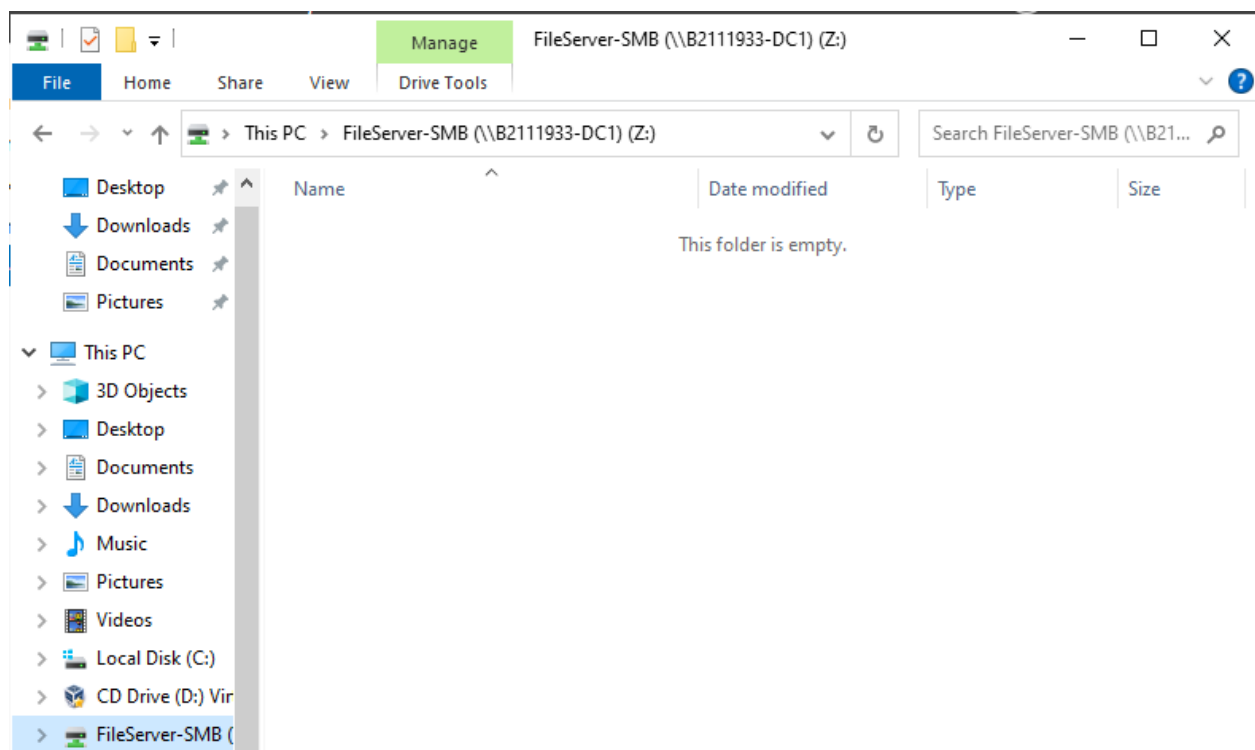


Connect from client and create a file

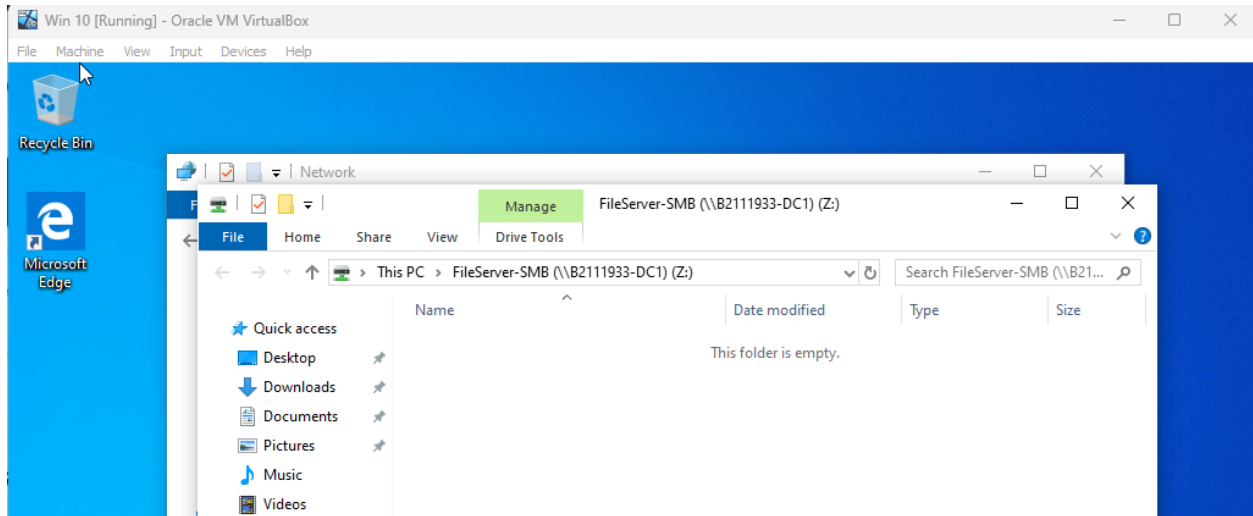


Check the result from DC1

EXERCISE 4: CREATING SHARES WITH SERVER MANAGER

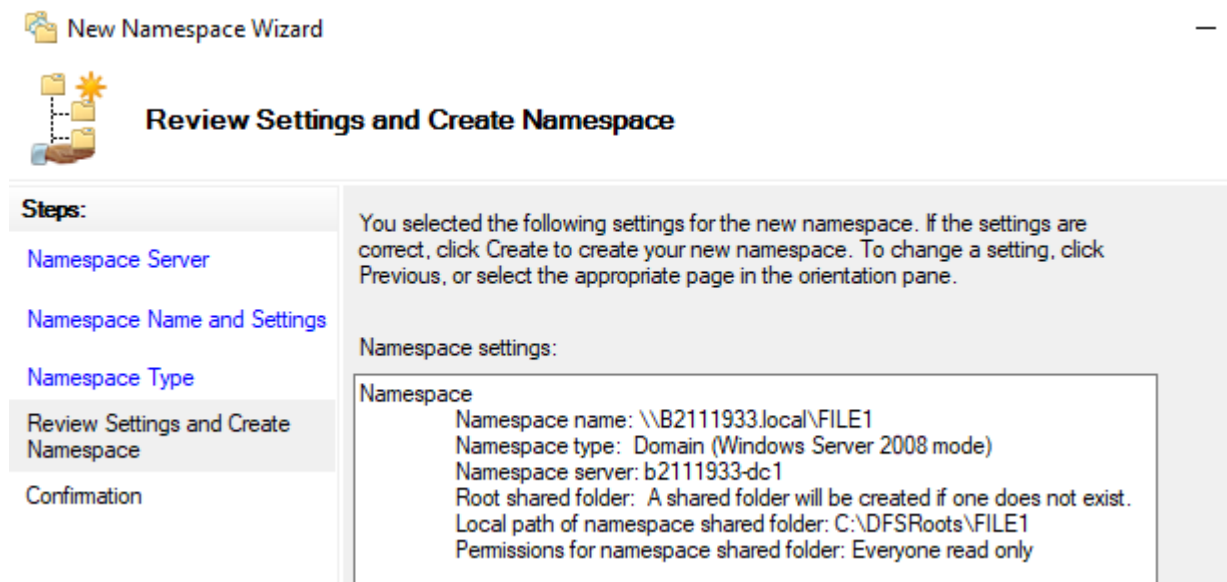


Create a new Share

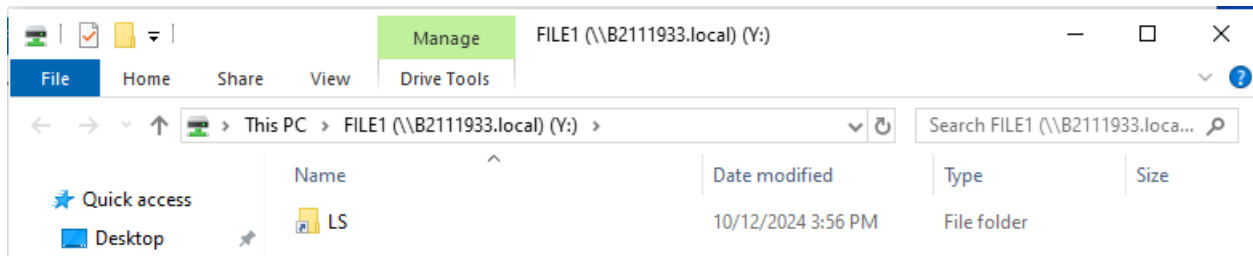


Connect to the Share

EXERCISE 5: ENABLING DISTRIBUTED FILE SYSTEM AND CREATING A NAMESPACE

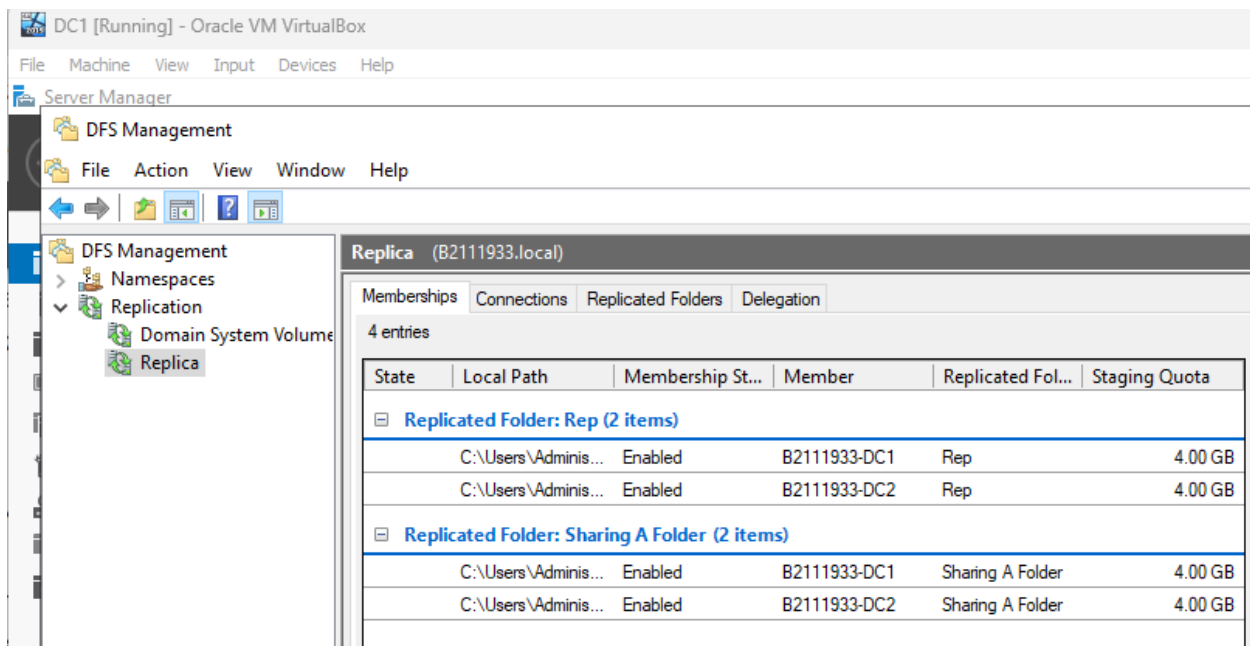


Create a Namespace

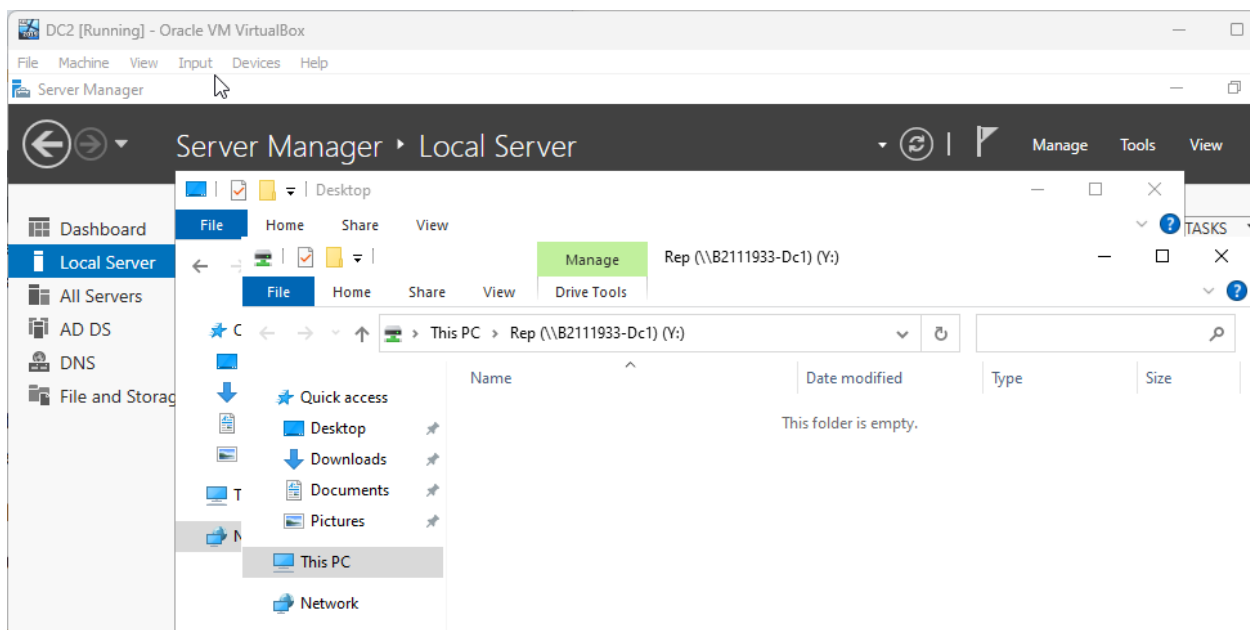


Connect to the Namespace

EXERCISE 6: CONFIGURING DISTRIBUTED FILE SYSTEM REPLICATION

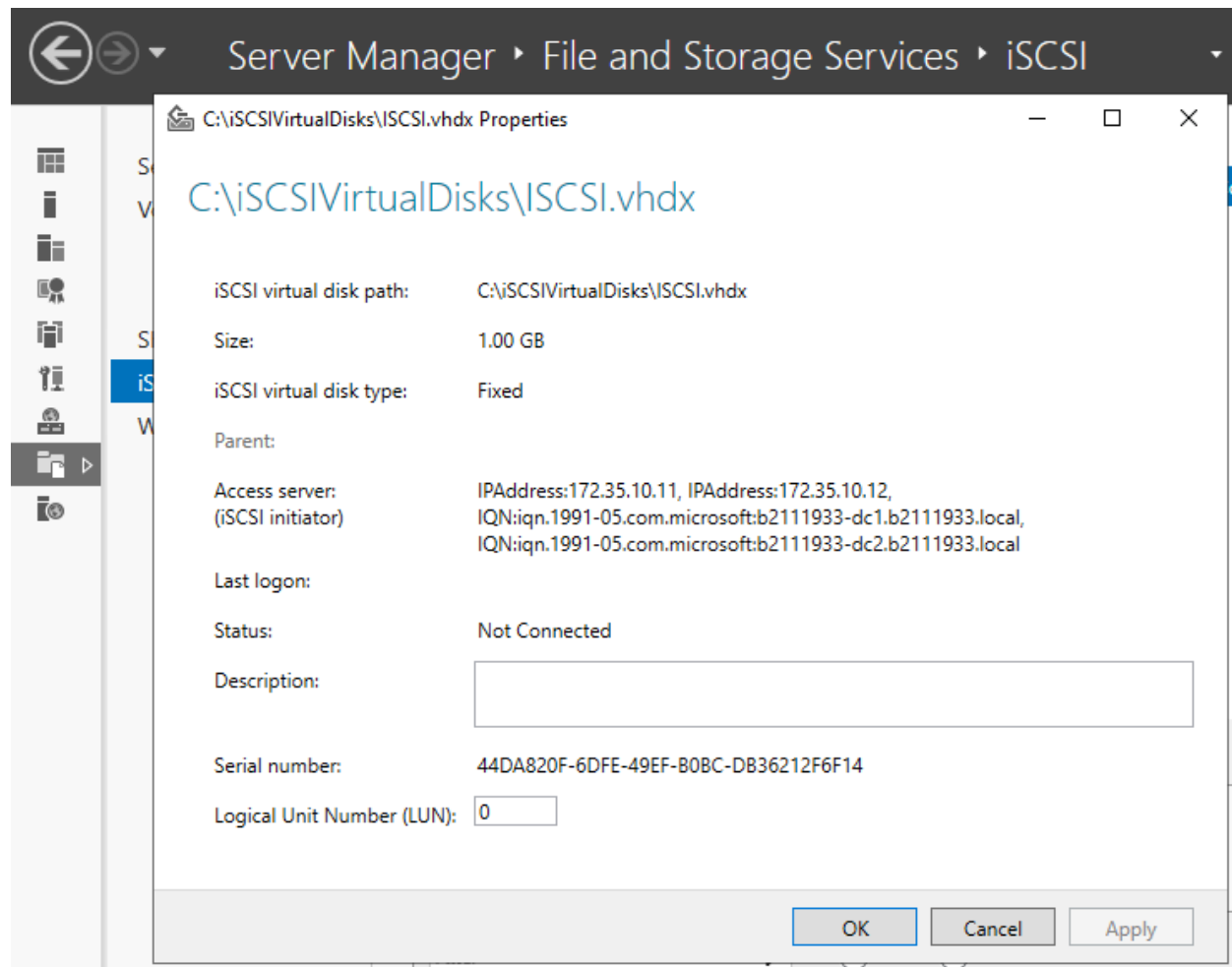


A file system replication



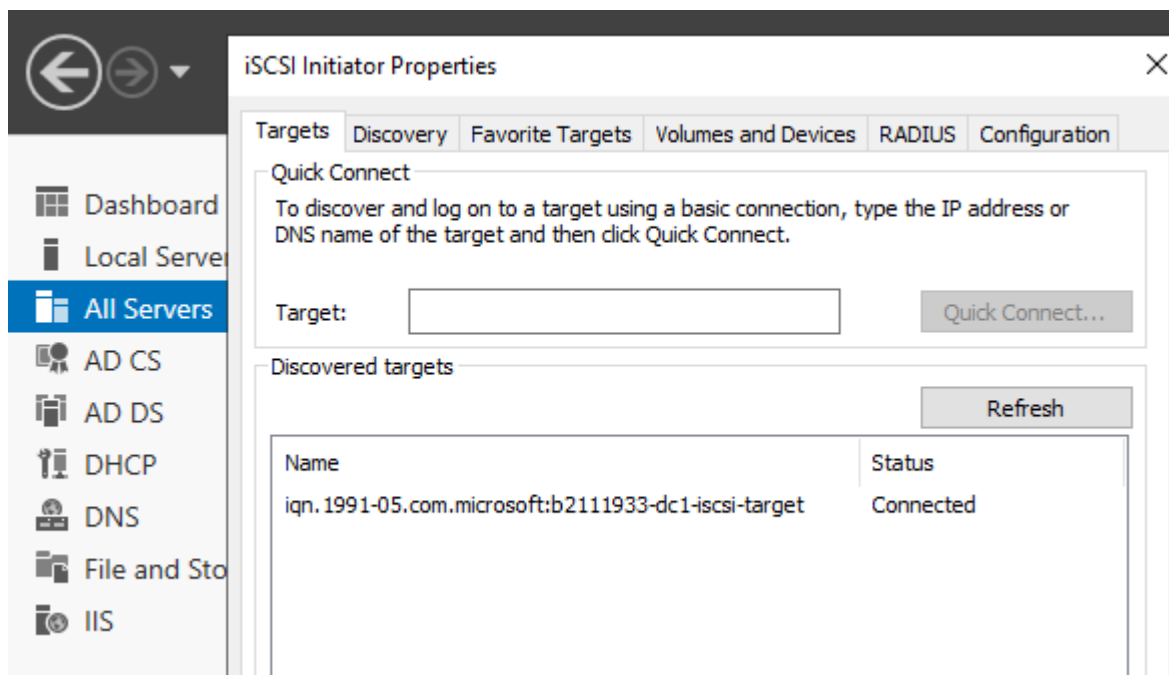
Connect to a file system replication

EXERCISE 7: CREATING AN ISCSI TARGET ON YOUR SERVER



Create an iSCSI target

EXERCISE 8: CONFIGURING AN ISCSI INITIATOR CONNECTION



Configure an iSCSI initiator connection

EXERCISE 9: SETTING UP WINDOWS SERVER 2019 WORK FOLDERS

NFS