

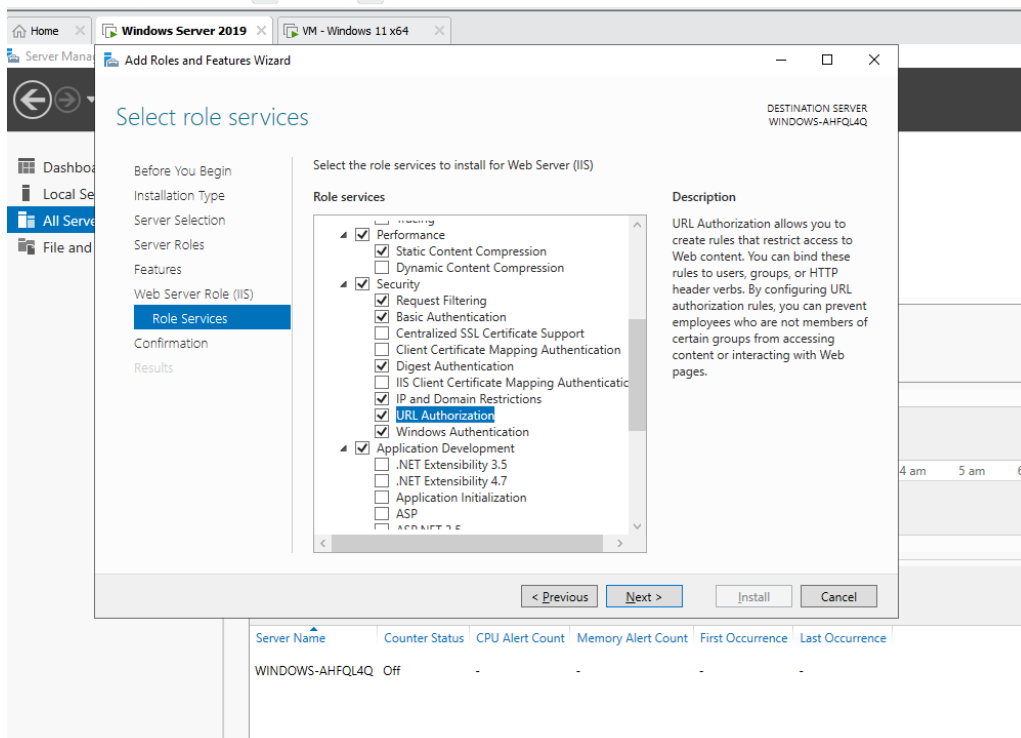
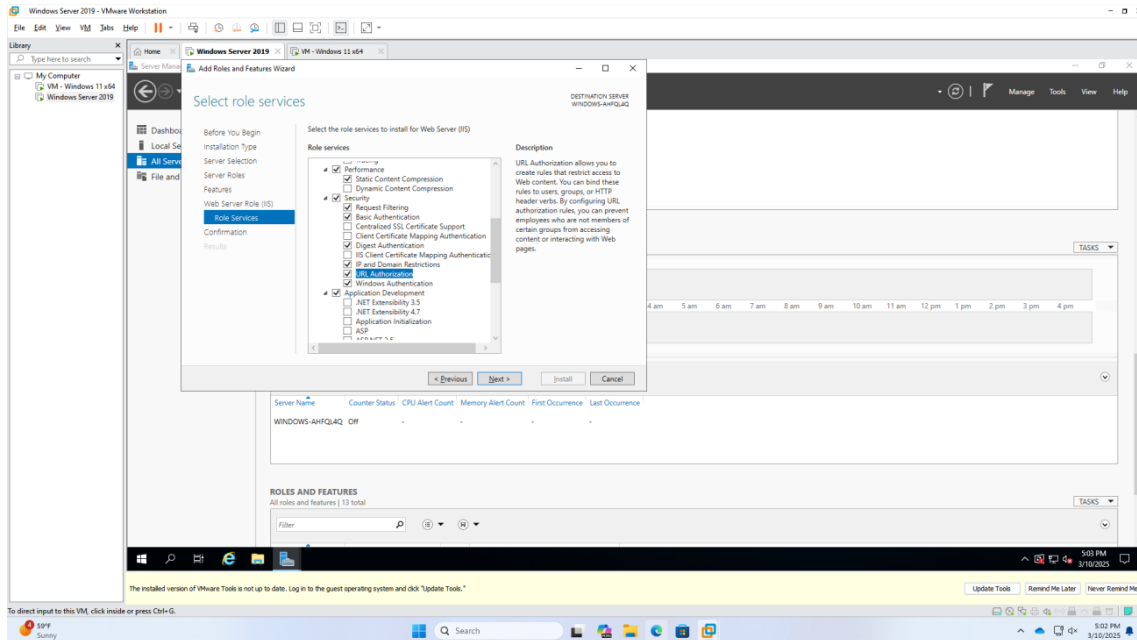
Lab 6-1

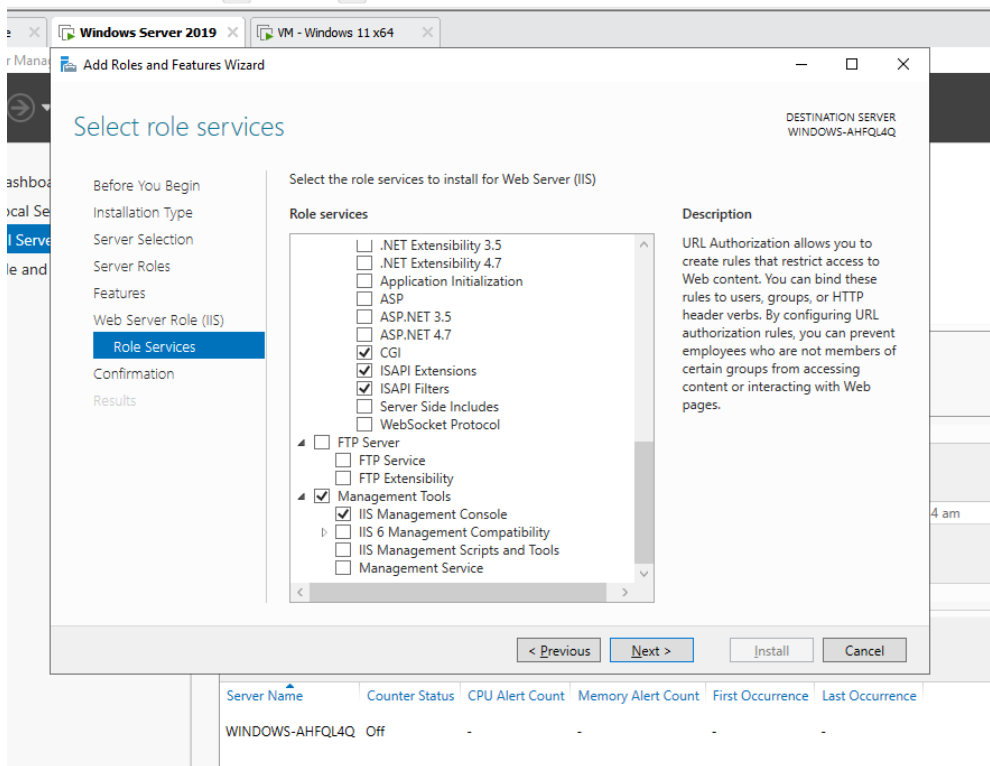
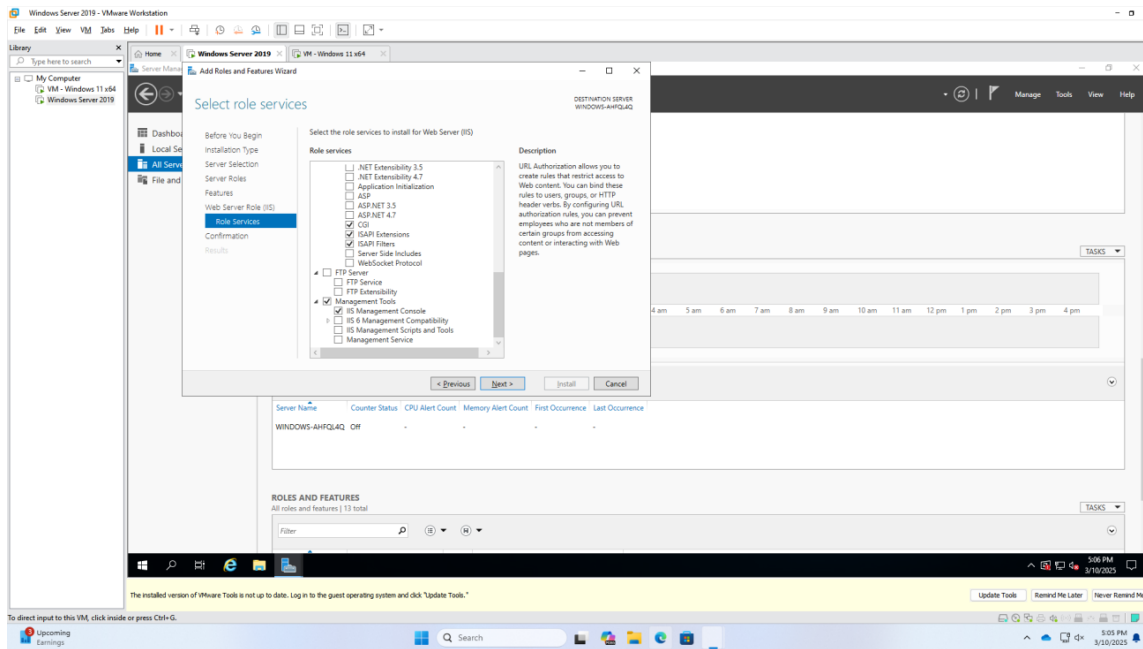
Jhonatan Parada T

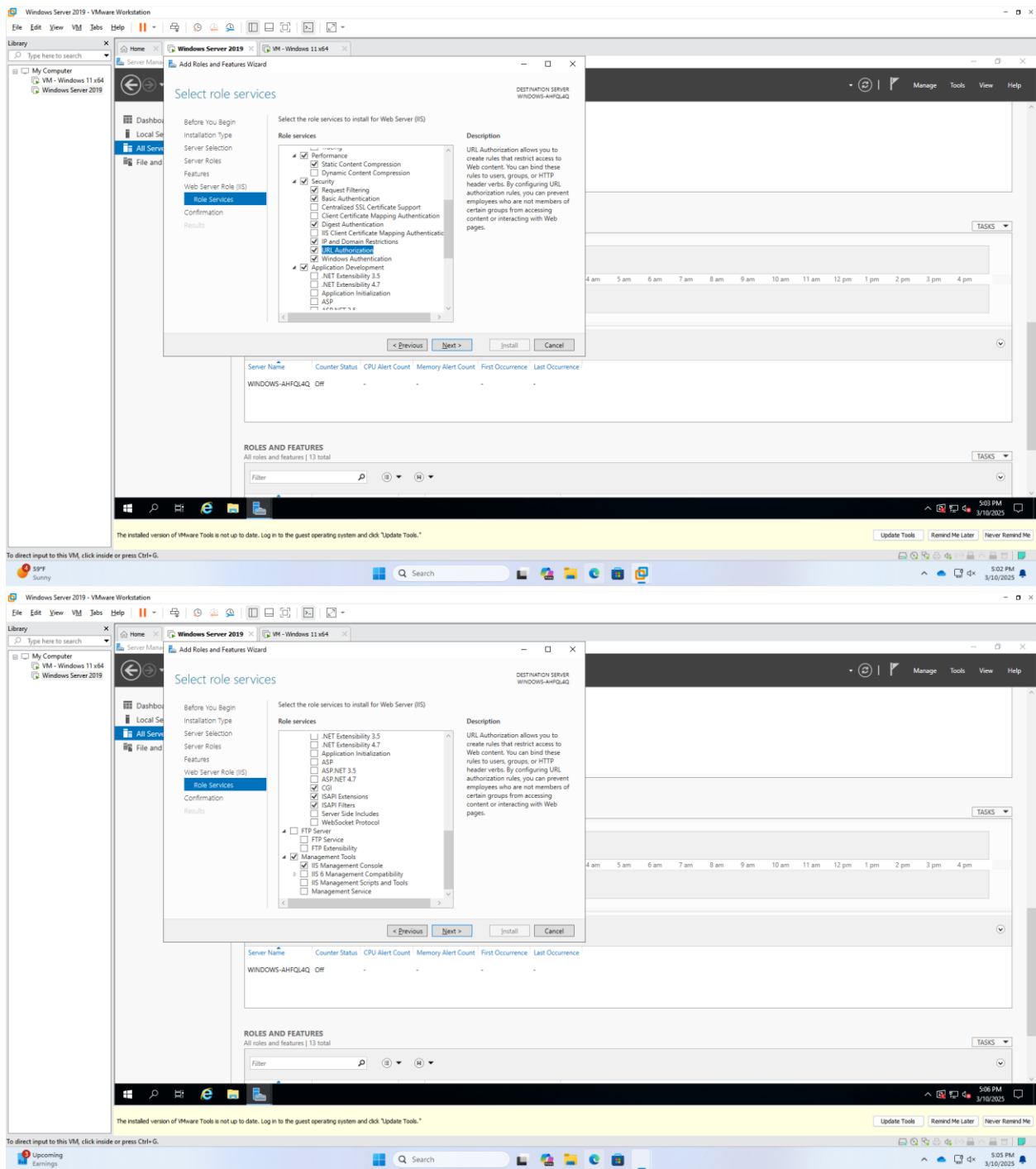
ET725

PART 1

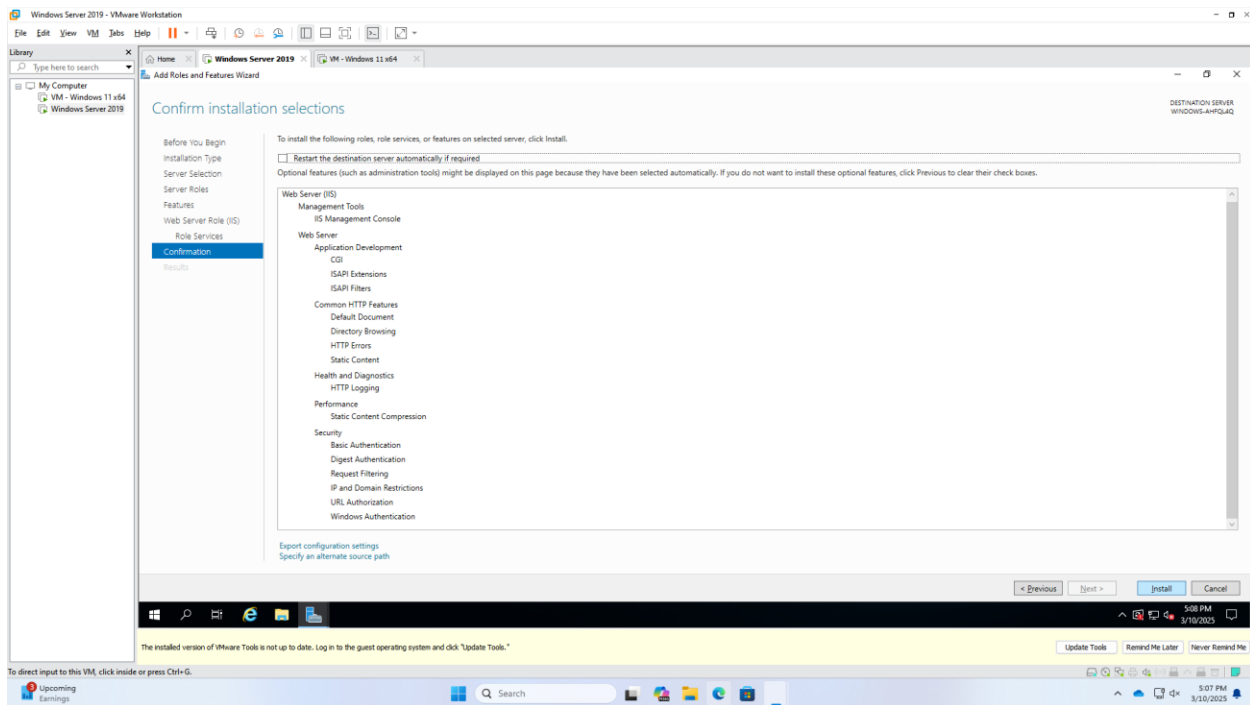
Selecting the required role services on Windows Server for this project.



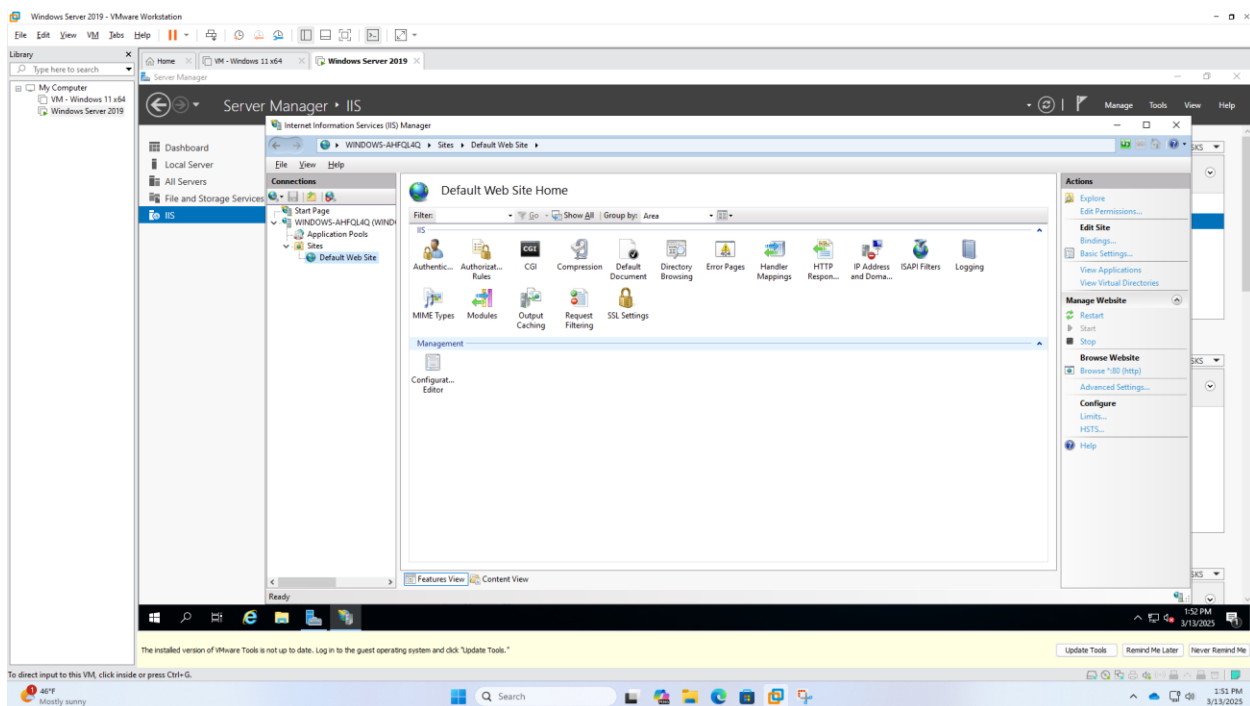




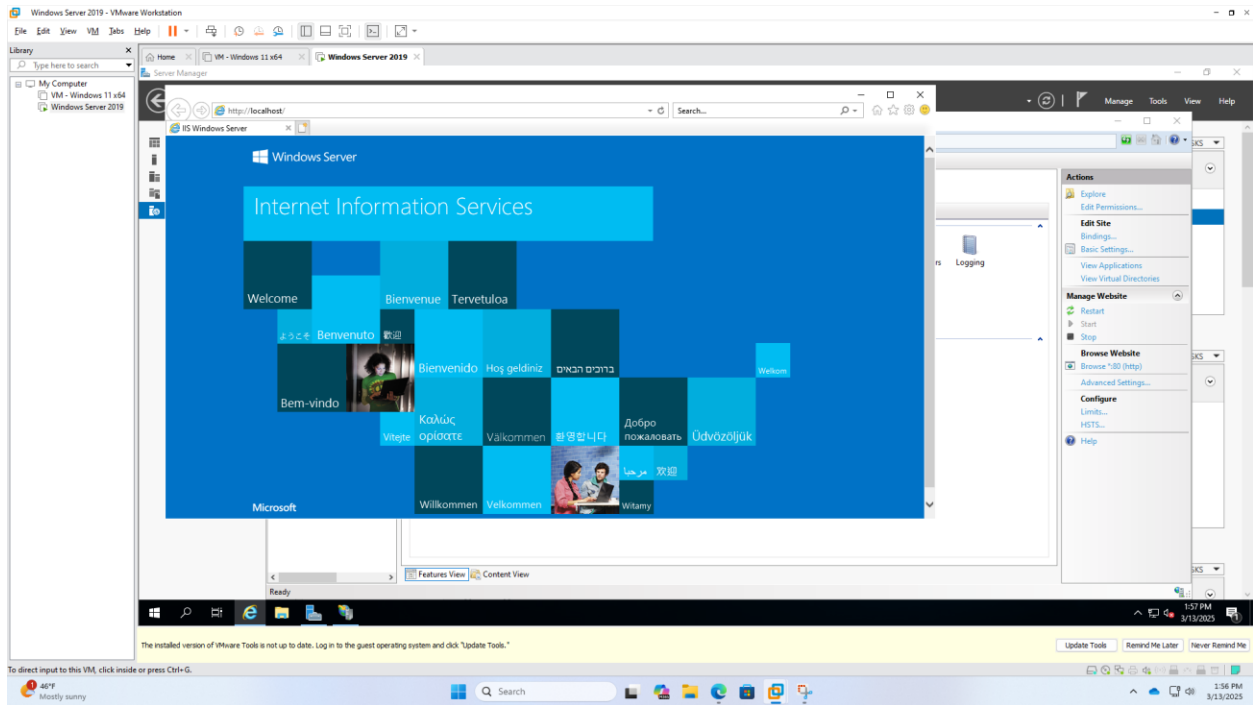
Confirming Roles and features to be installed.



Navigating the Internet Information Services Manager interface.



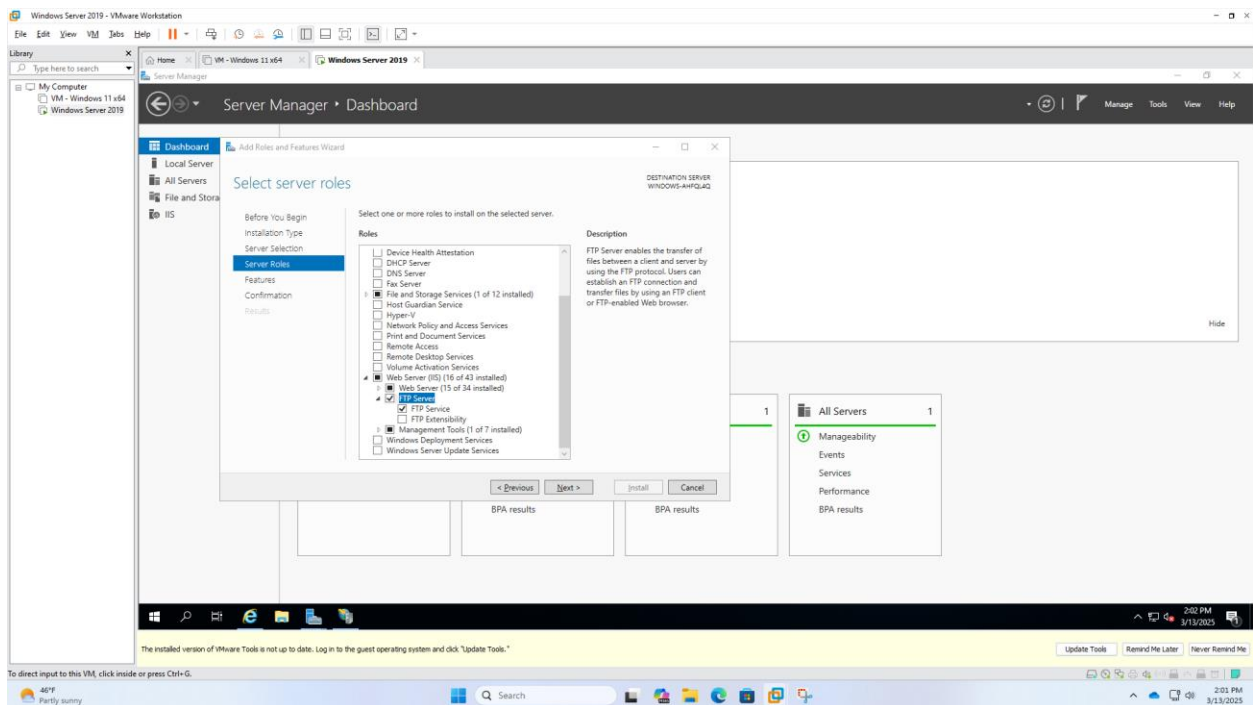
Verifying that the default website service is running.



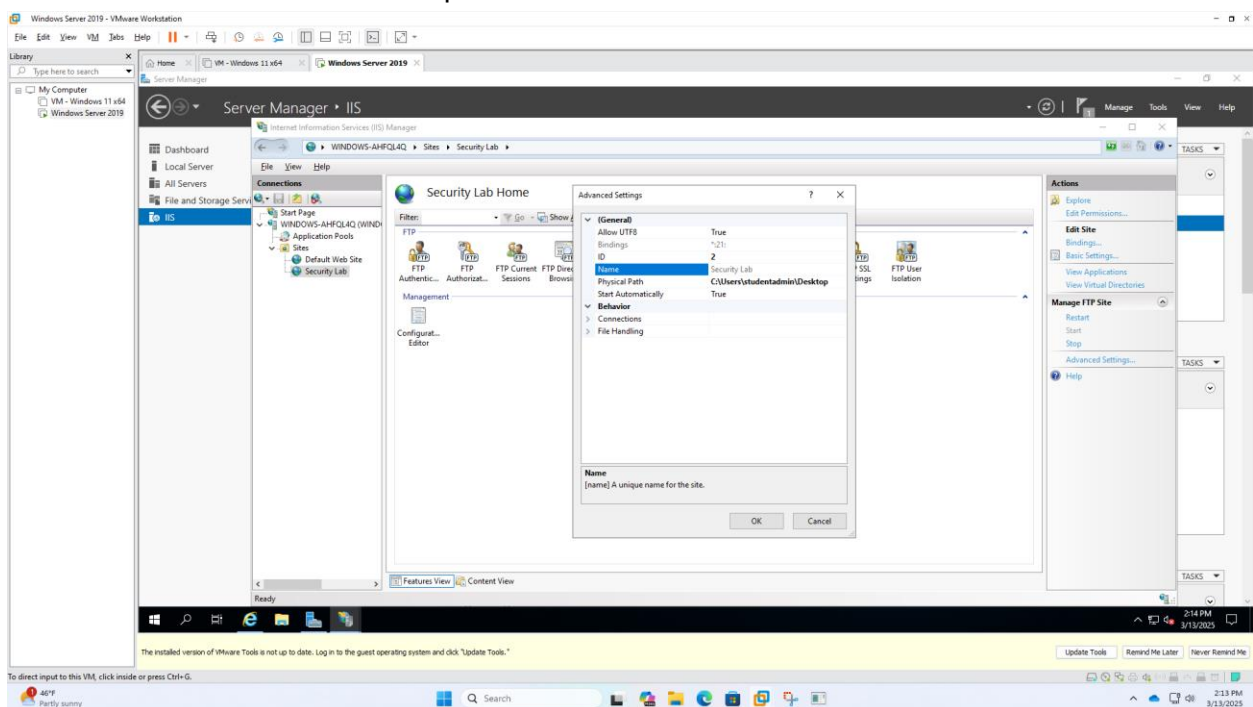
End of PART 1

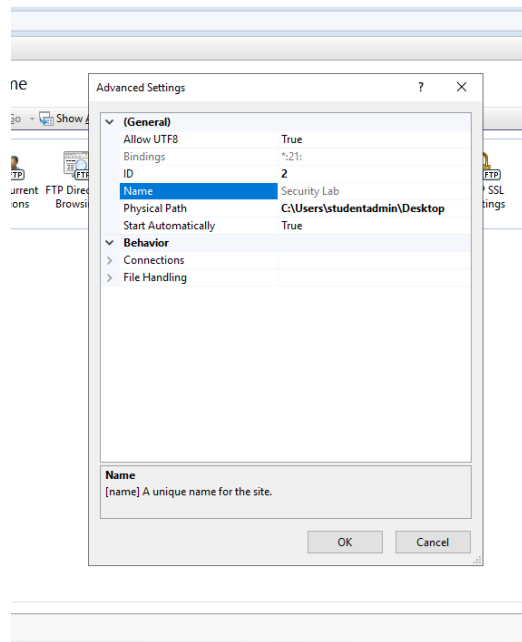
PART 2

Adding the FTP service to Windows Server.

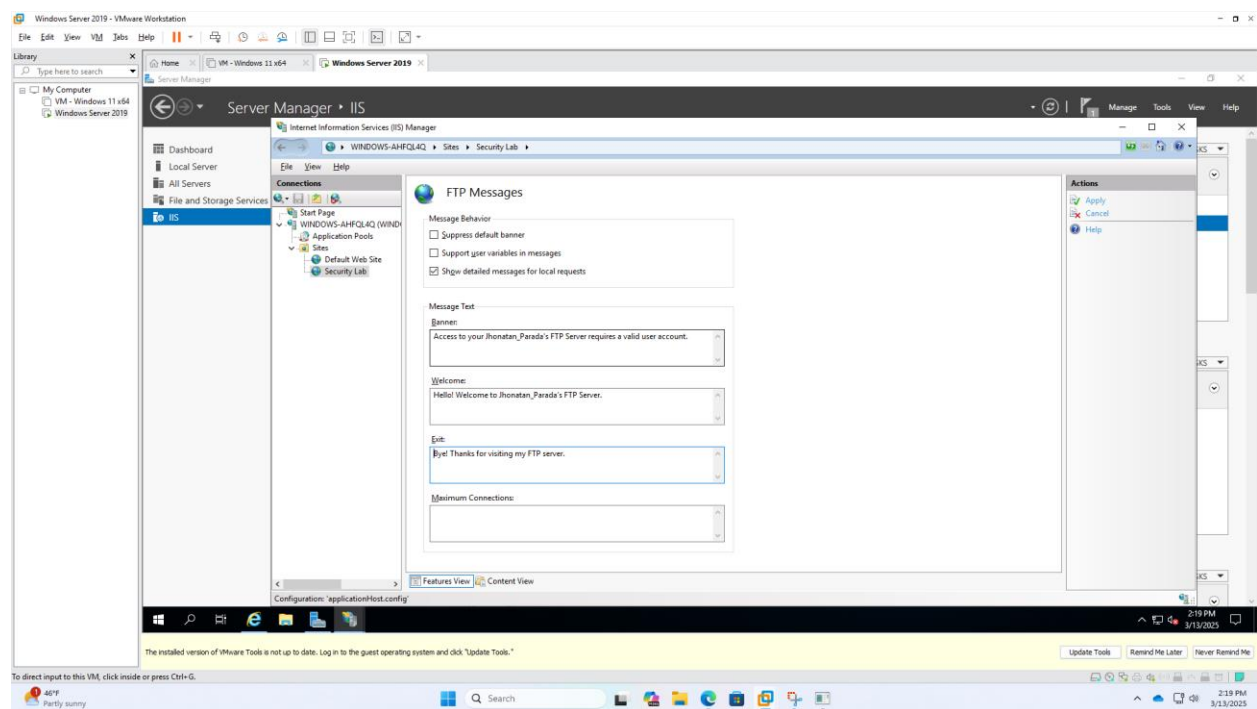


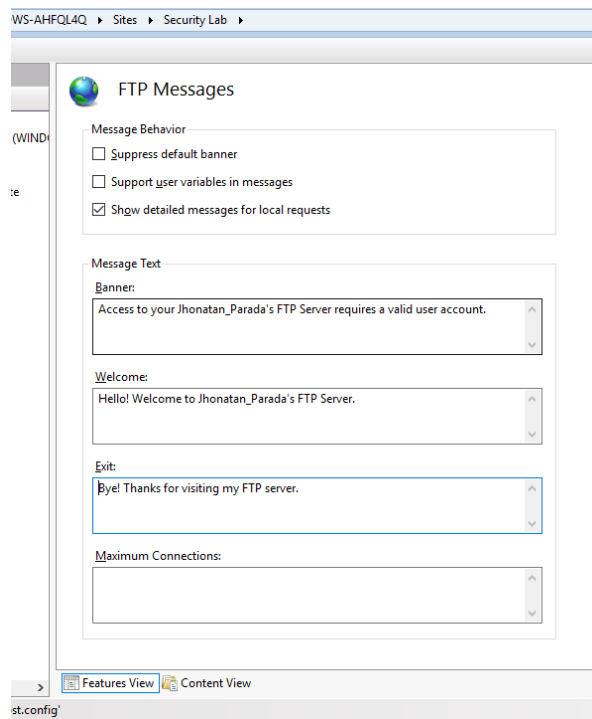
Creating a new FTP Site called 'Security Lab' with a physical path value of C:/Users/studentadmin/Desktop



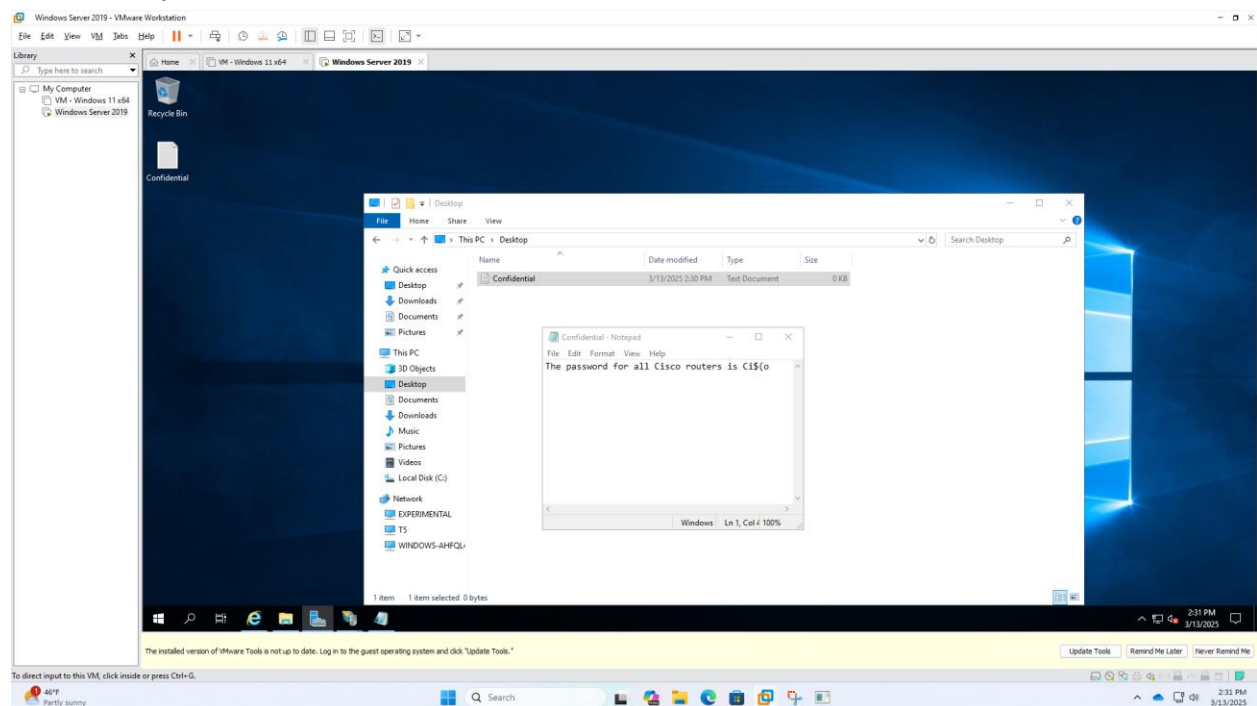


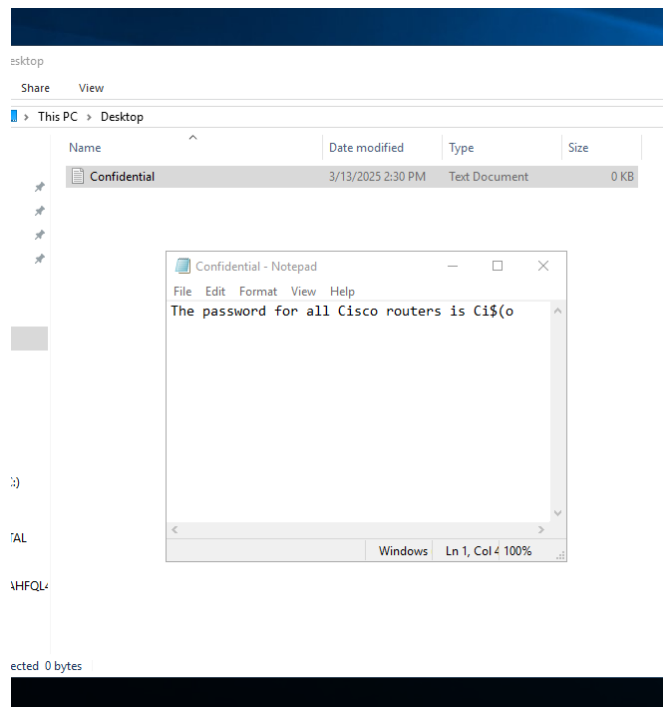
Configuring Banner, Welcome and Exit FTP messages.



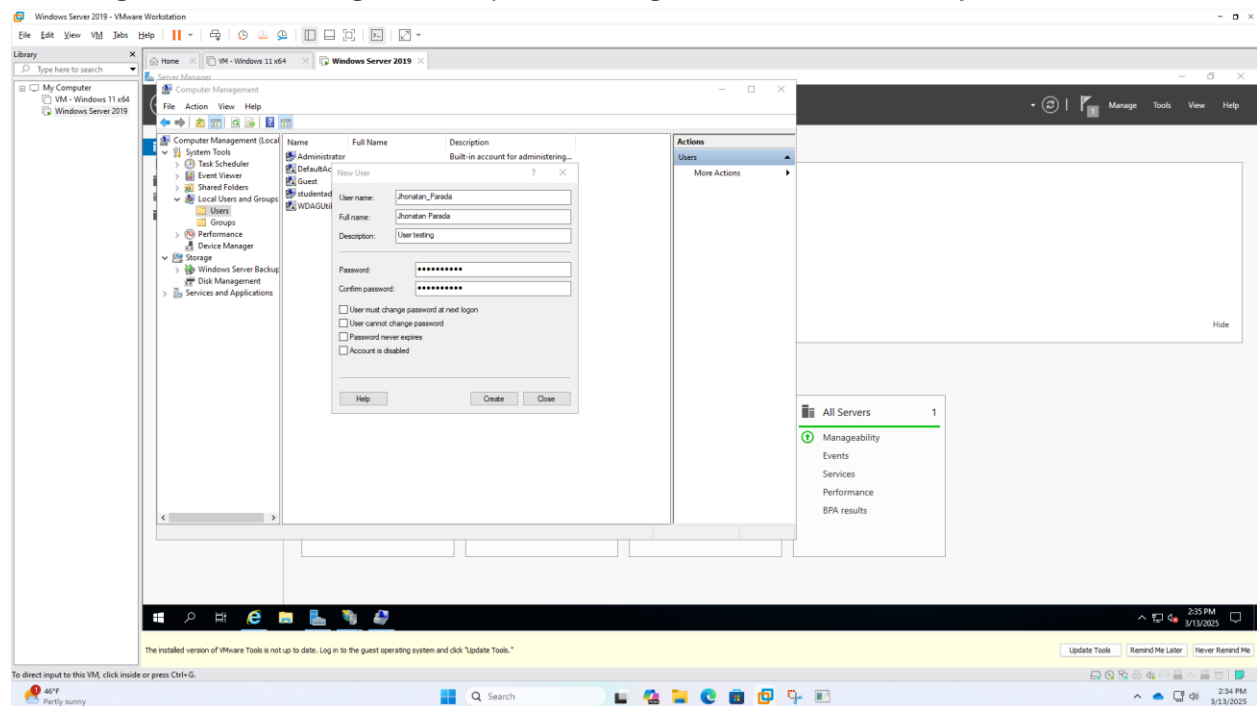


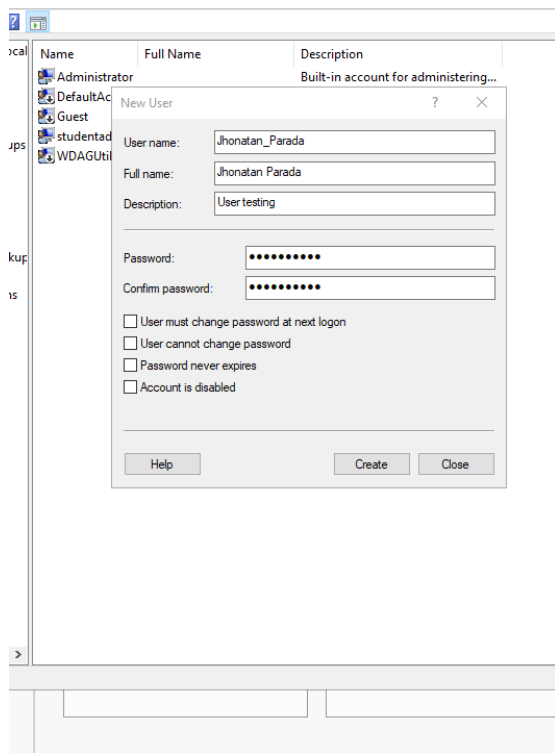
Creating a TXT file called 'Confidential' and saving it in the FTP directory, which is in This PC/Desktop.



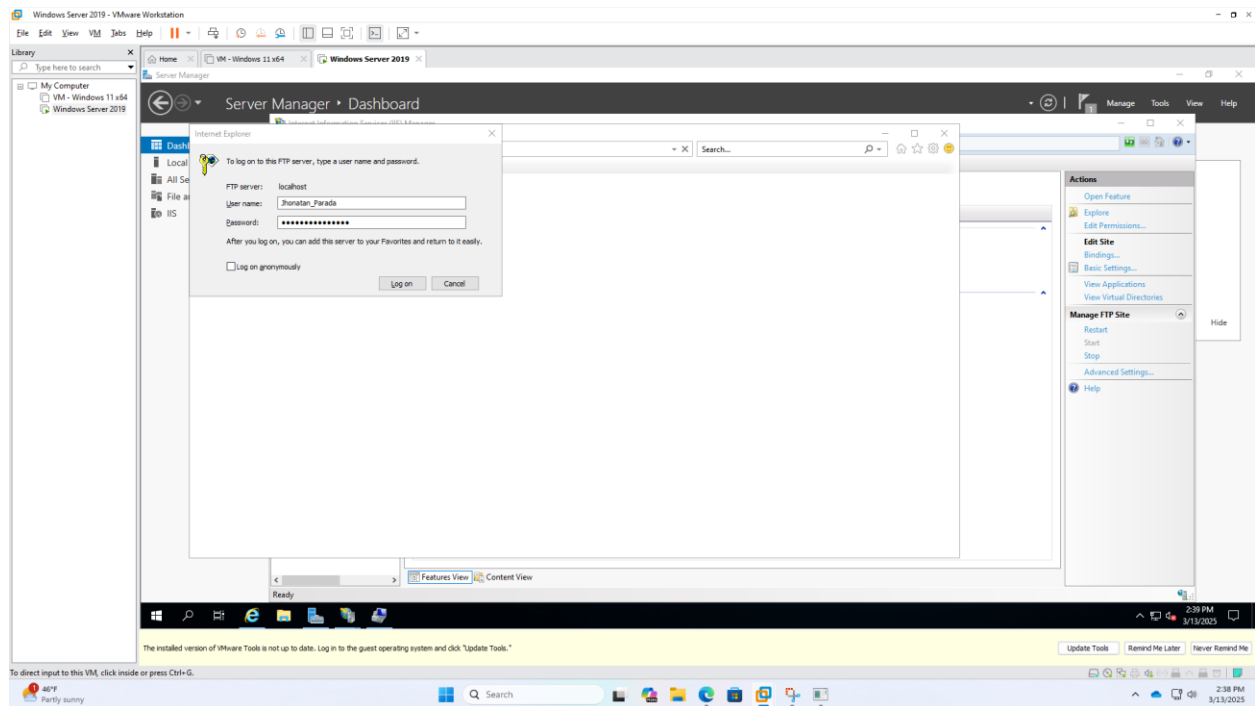


Creating a new user using the Computer Management Windows Utility.

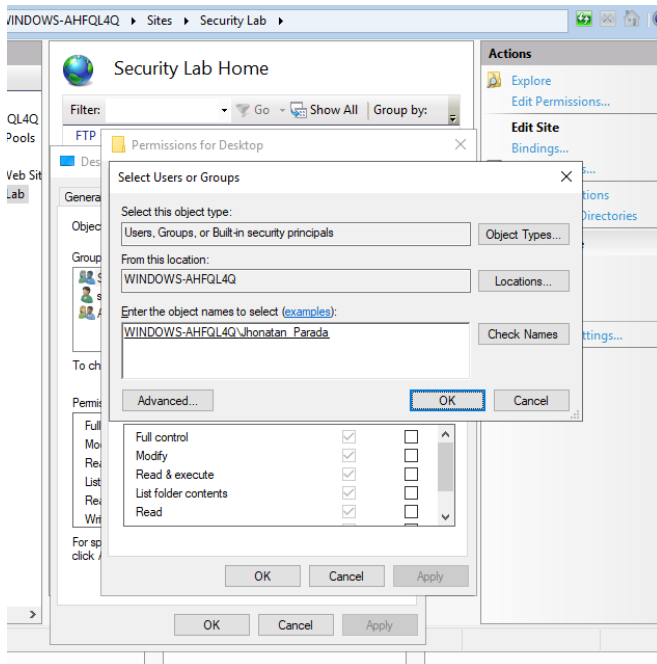
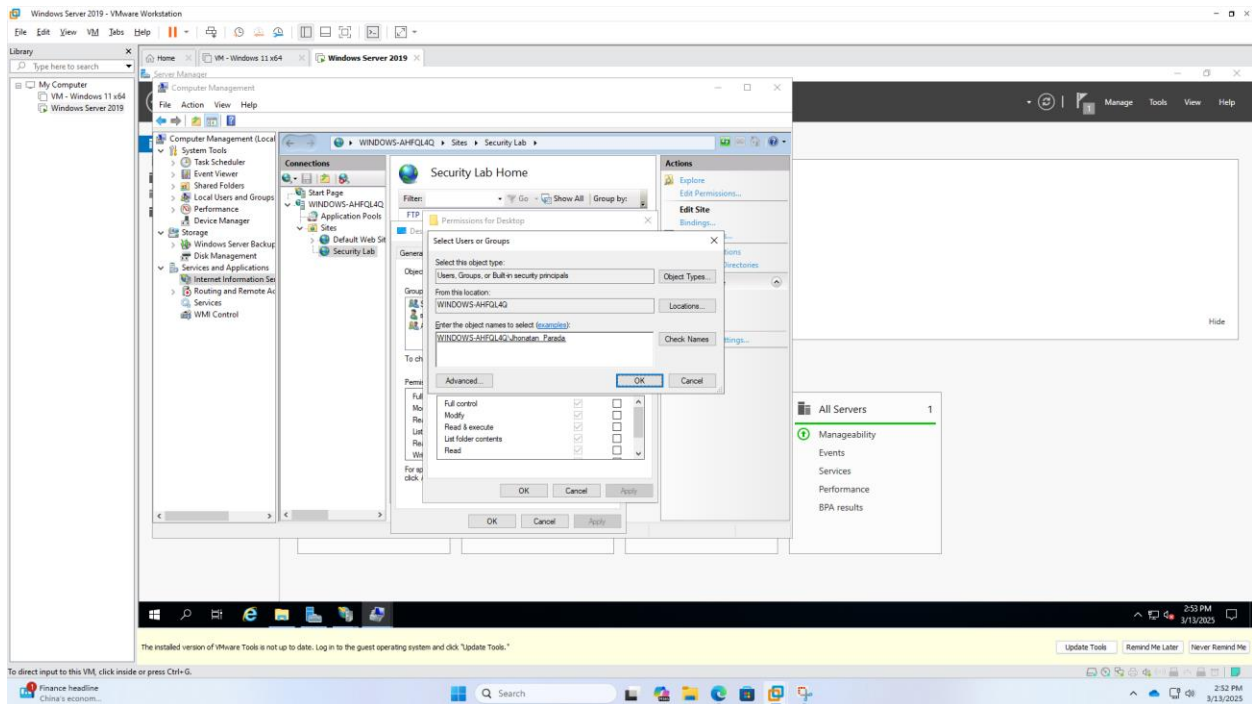




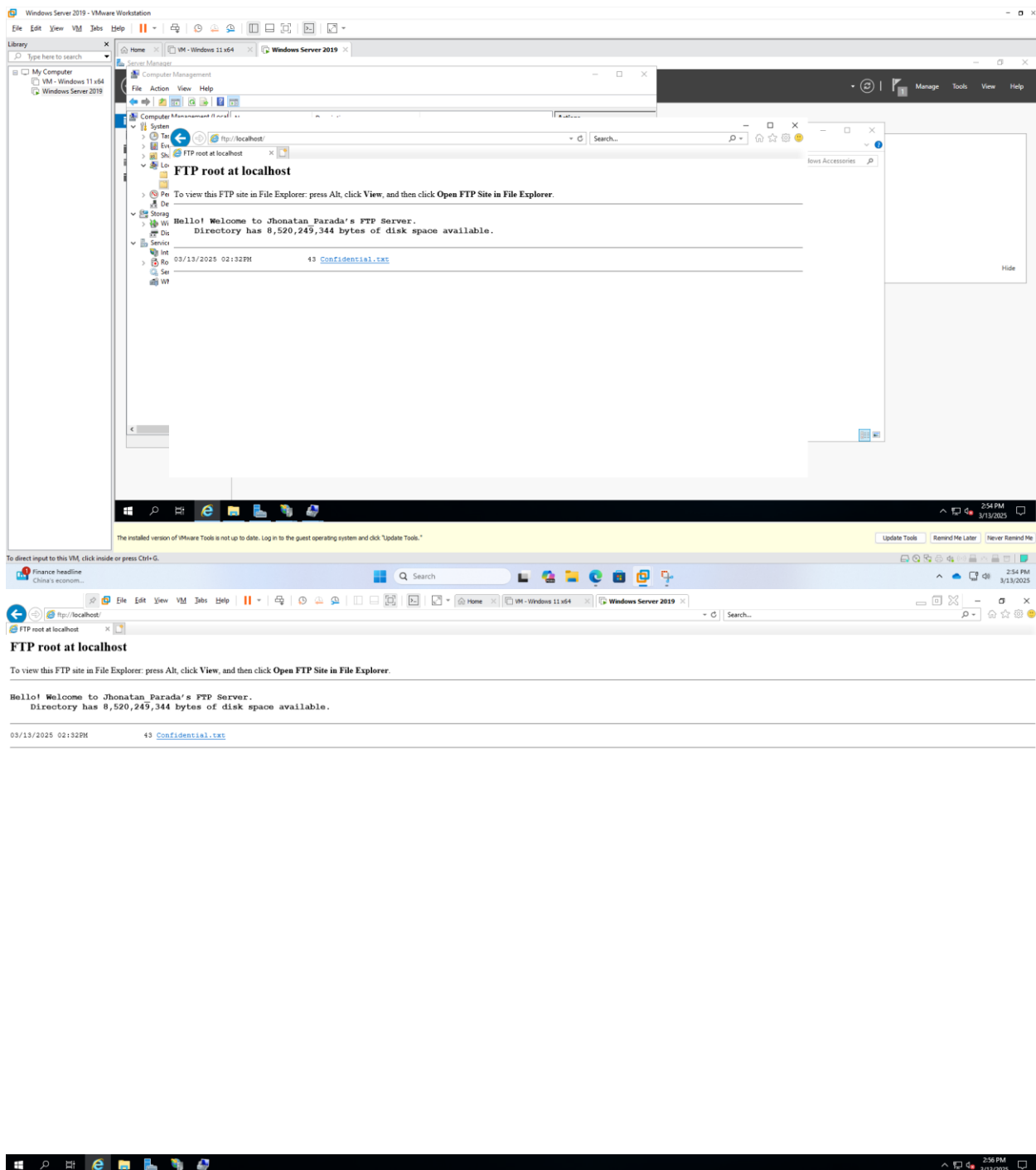
Attempting to access the FTP server in Internet Explorer by authentication

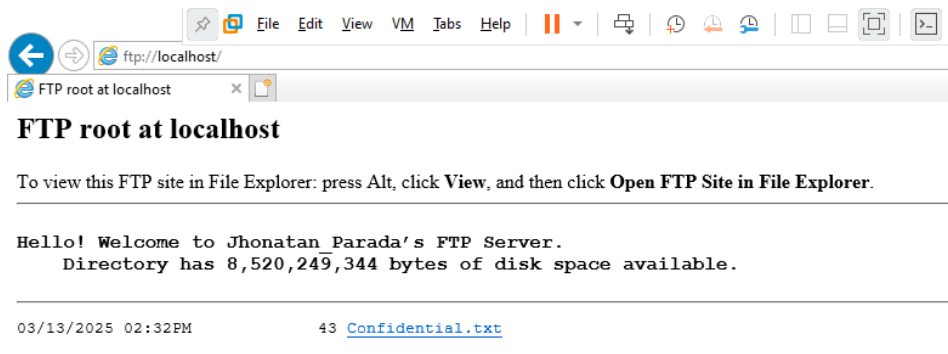


Authentication failed. It was because I forgot to add the Jhonatan_Parada user to the list of users that have permission to access the FTP directory. Another work around would have been adding the user to the Administrator group.



Now the Jhonatan_Parada user have permission to access and see the FTP directory.





Review Questions

1. Your Windows Server 2019 is named server02.acme.com. It is running the FTP server service. While reviewing the FTP logs, you notice entries indicating that a user named IUSR_SERVER02 has been logging on and accessing the FTP directory. What is the significance of these log entries?

- a. Anonymous access is permitted by your FTP server.
- b. Users from the Internet have accessed your FTP server.
- c. Log maintenance has been performed by the IUSR service.
- d. It is likely that your system has been attacked.

Answer: a. The significance of these log entries indicates that the FTP server anonymous access is enabled.

2. Which of the following is a capture file format that can be read by Wireshark? (Choose all that apply.)

- a. Microsoft Network Monitor captures
- b. Cisco Secure Ingress Log output
- c. Novell LANalyzer captures

d. tcpdump

Answer: a, c and d

3. Which of the following statements best describes the function of WinPcap?

a. WinPcap provides the logging functions for Wireshark.

b. WinPcap allows applications to capture and transmit network packets bypassing the protocol stack.

c. WinPcap is a device driver that allows applications to communicate with the Windows operating system.

d. WinPcap adds functionality to Wireshark, including skins, fonts, extended color depth, and advanced rendering.

Answer: Since WinPcap is an open-source library for Win32 platforms to capture and analyze 'raw' packets, applications such as Wireshark can potentially use this low-level module for network analysis, so option b.

4. In a Windows Server 2019 FTP server, configuration options in the FTP site's Properties/Directory Security permit administrators to block specific computers from connecting with the FTP server based on the client's IP address or NetBIOS name.

True or False?

Answer: True. The security tab in the FTP site allows administrators to manage and determine who can and cannot access the FTP server based on the client's IP address or NetBIOS name.

5. You have decided to track user activity on your Windows Server 2019 FTP server by storing your FTP log file information on a Microsoft Access database. What would be the most sensible choice of formats in which to save your FTP log files?

a. W3C Extended Log File Format

b. ODBC logging

c. Microsoft IIS Log File Format

d. Comma Separated Value Format

Answer: b. ODBC (Open Database Connectivity) login allows to directly connect the FTP server logs to a Microsoft database, enabling automatic insertion of log data into a structured database format, such as Microsoft Access.