



slington college
(इस्लिङ्टन कलेज)

Module Code & Module Title
Level 5 – Network Operating Systems

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Submitted To: Sarika Dahal

Word Count (Where Required):539

I confirm that I understand my coursework needs to be submitted online via MST Classroom under the relevant module page before the deadline in order for my assignment to be accepted and marked. I am fully aware that late submissions will be treated as non-submission and a mark of zero will be awarded.

1. Installation of Roles and features for Hosting a Static website on Windows Server 2022

1.1. Steps Required for Hosting a Static Website.

Step 1: Open Windows Server's Local server and click on ethernet .

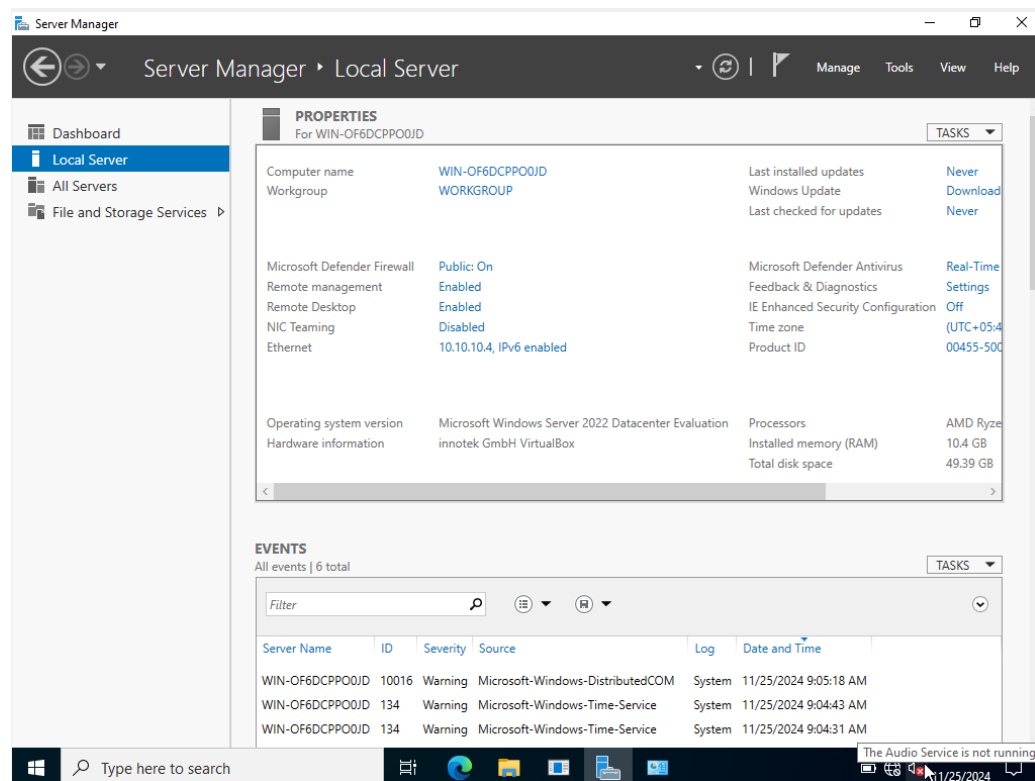


Figure 1: Click on Ethernet.

Step 2: Go to Ethernet's properties and to IPV4 and change it to automatic.

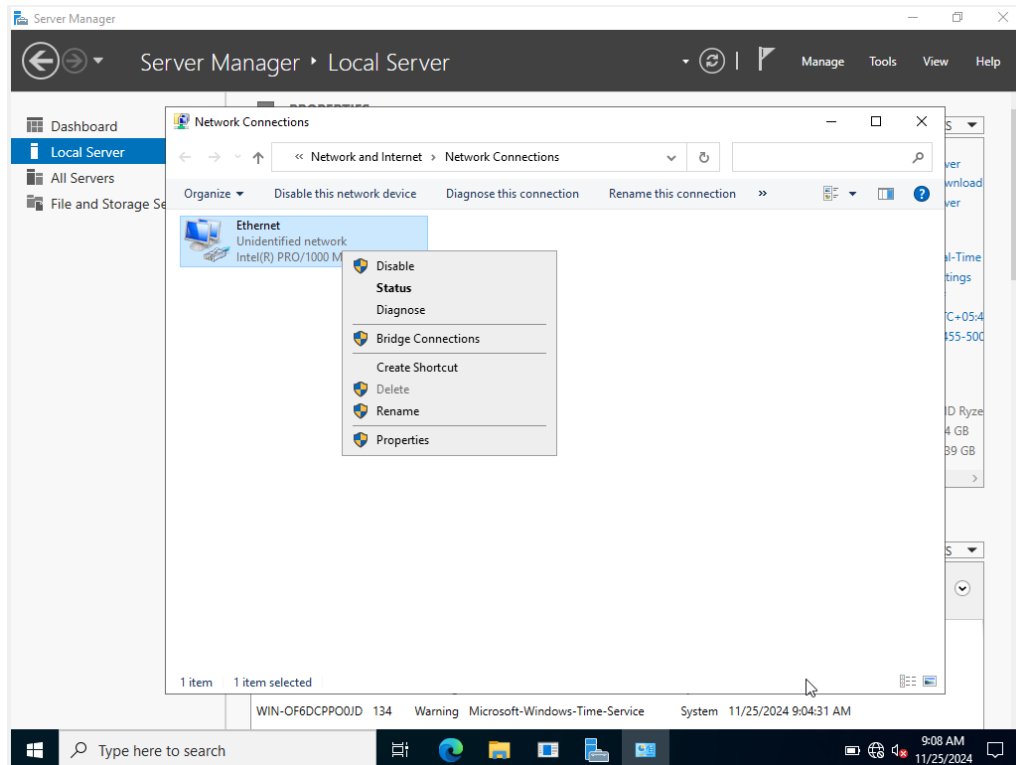


Figure 2: Click on Properties

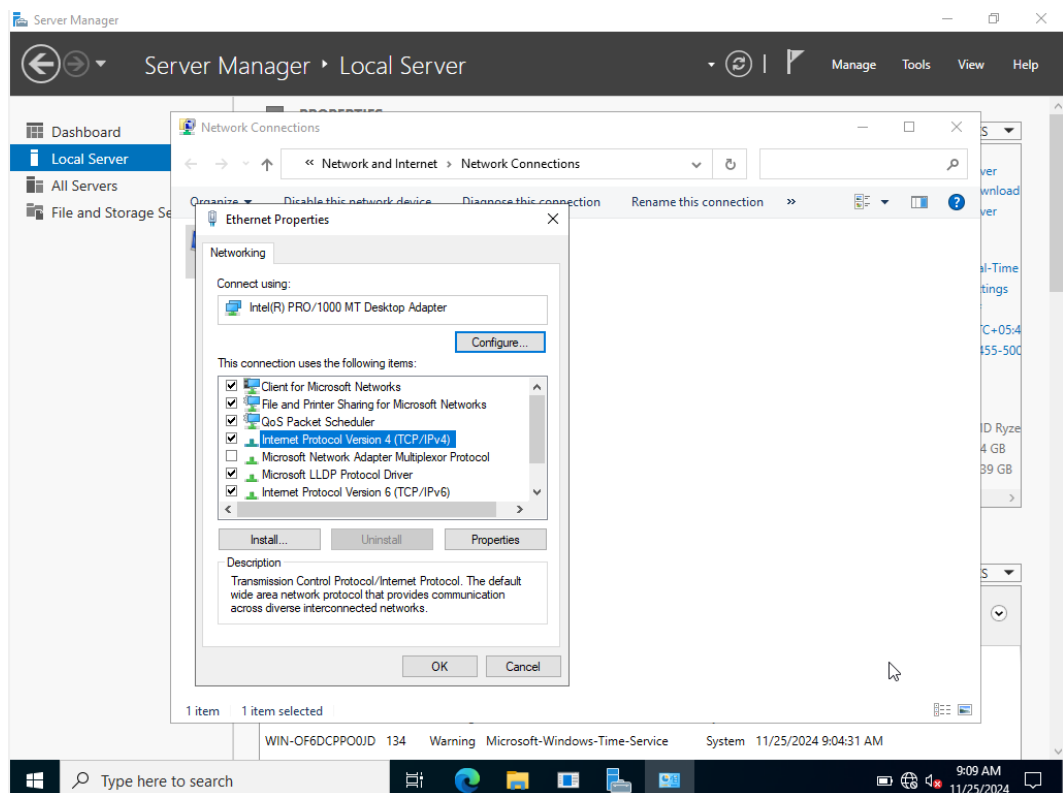
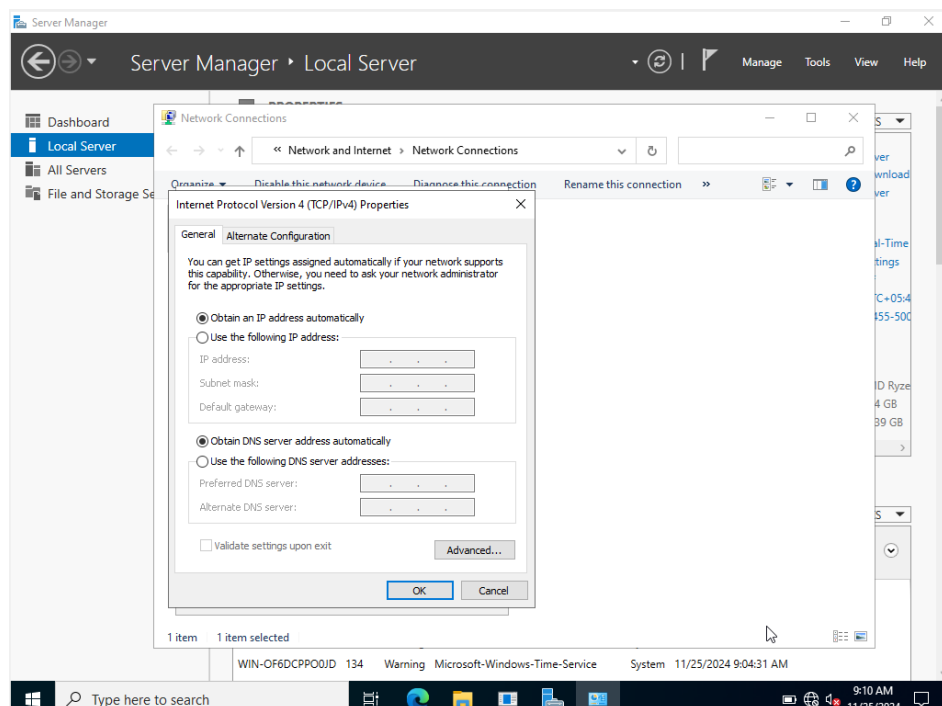


Figure 3: Click on IPV4



Step 3: Open Local Disk C: in File Explorer

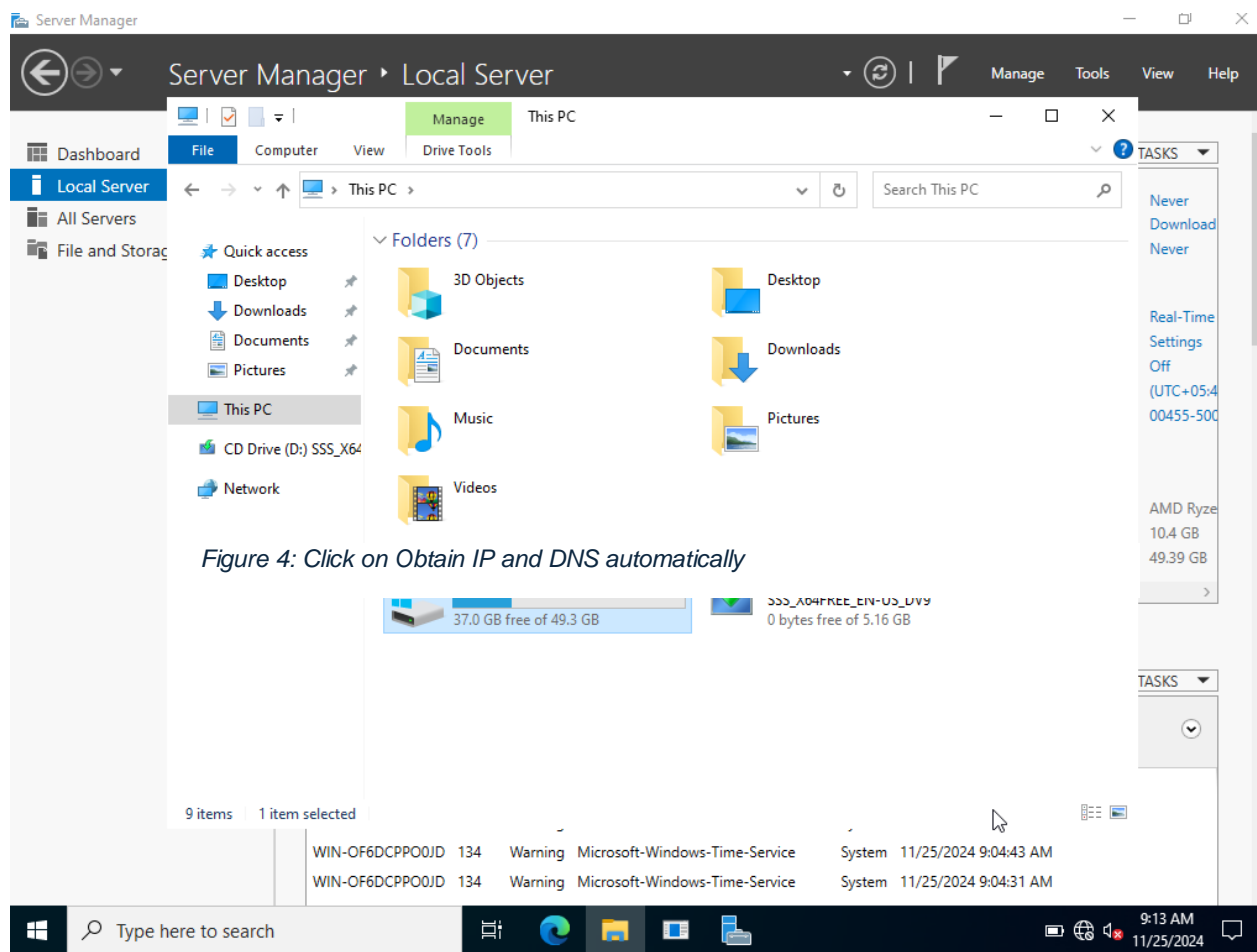


Figure 5: Open Local Disk C:

Step 4: Create new folder

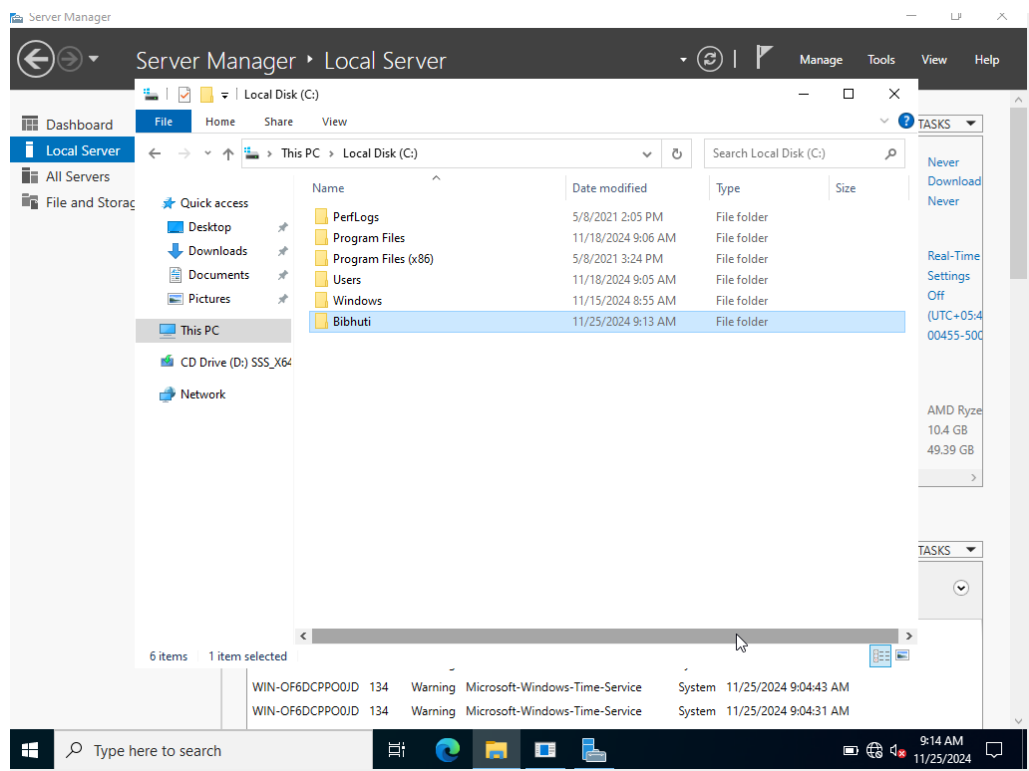


Figure 6: Creating folders

Step 5: Create a file in notepad and save in the folder created.

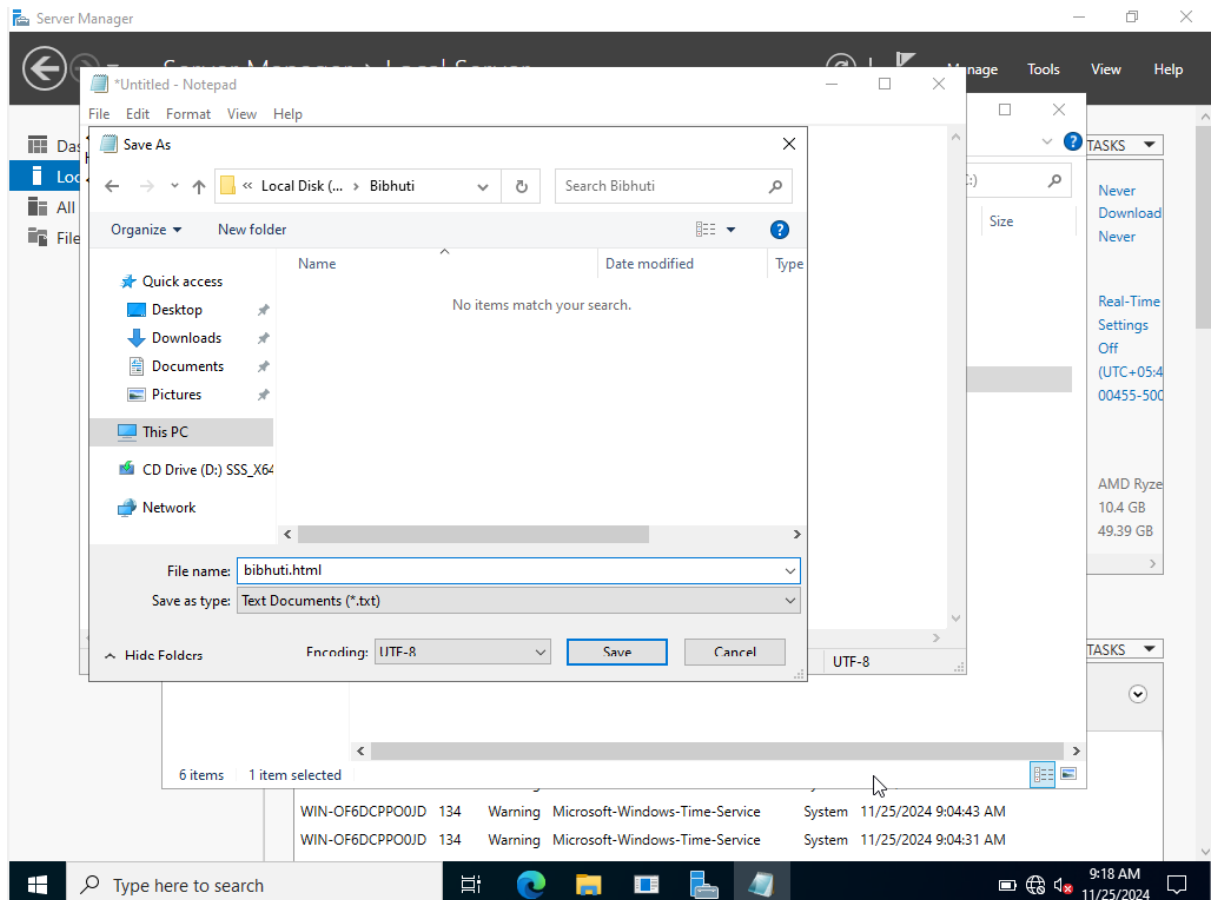


Figure 7: Saving notepad file in folder we created

Step 6: Open server manager in windows server and click on “Add roles and features.”

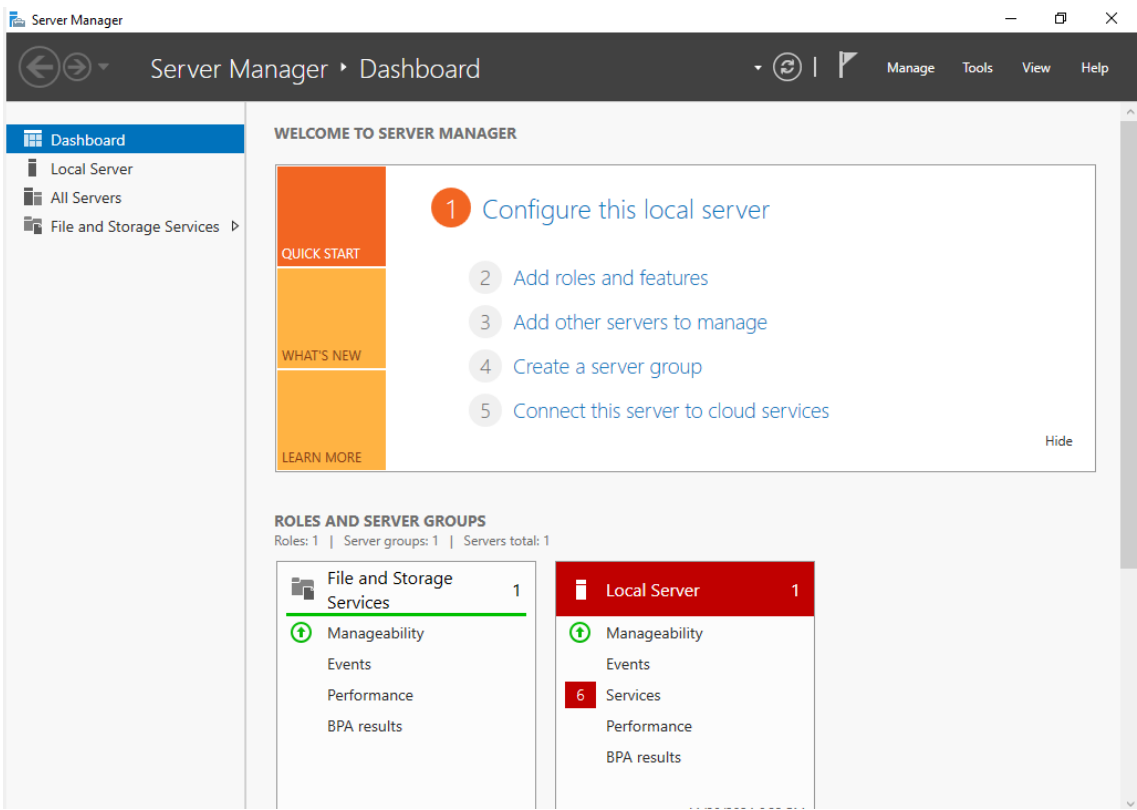


Figure 8: Click on Add roles and feature

Step 7: Now click on next button.

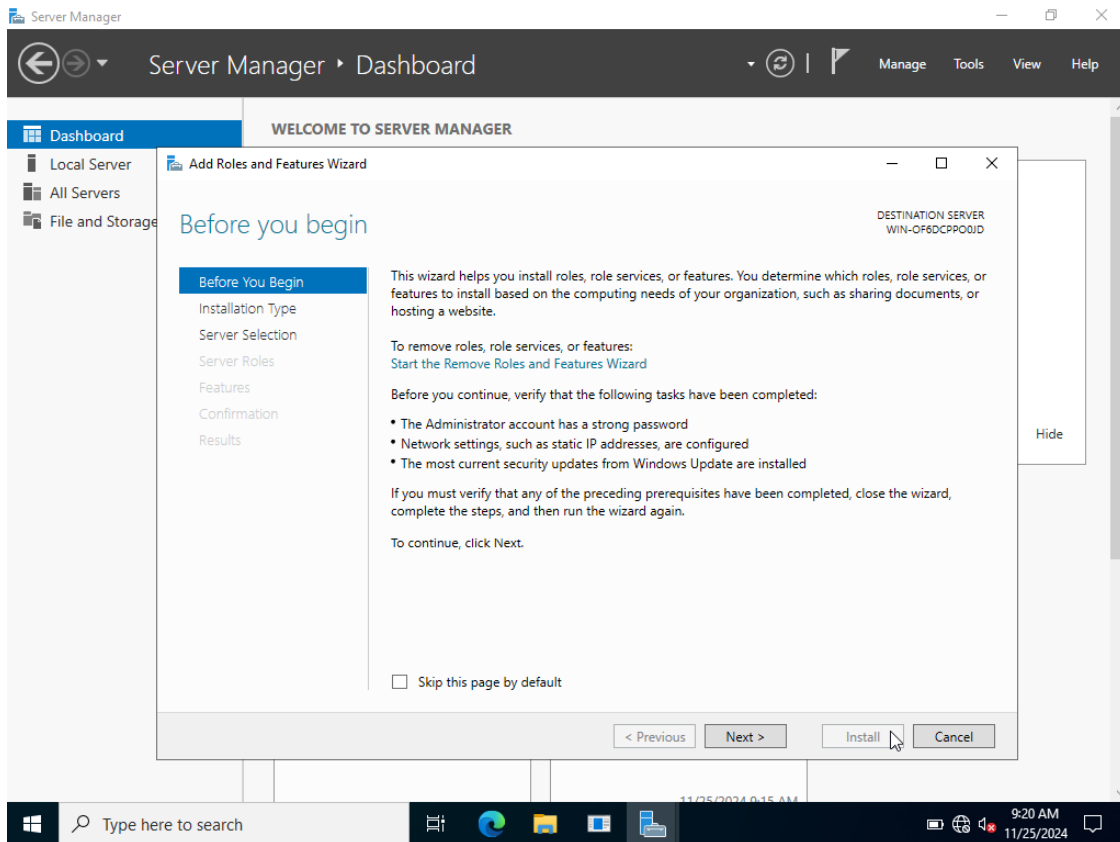


Figure 9: Click on next button

Step 8: Select “Role based or feature based installation”.

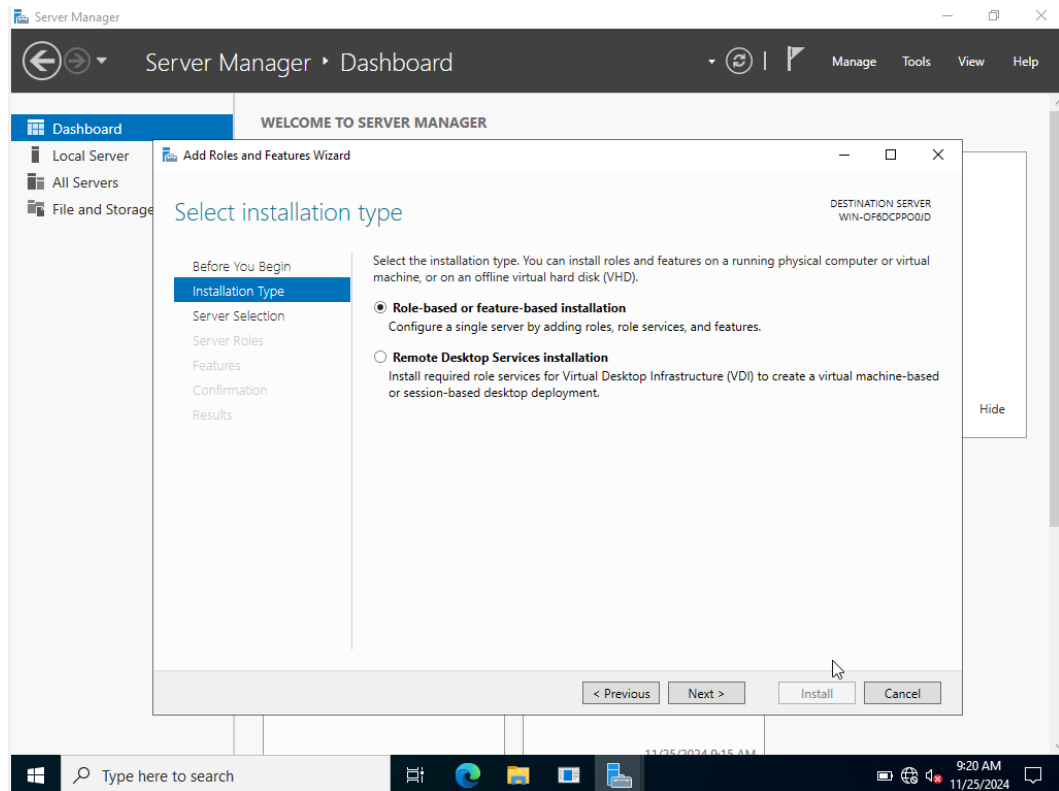


Figure 10: Click on role based or feature based installation

Step 9: Click next button without changing any of the setting.

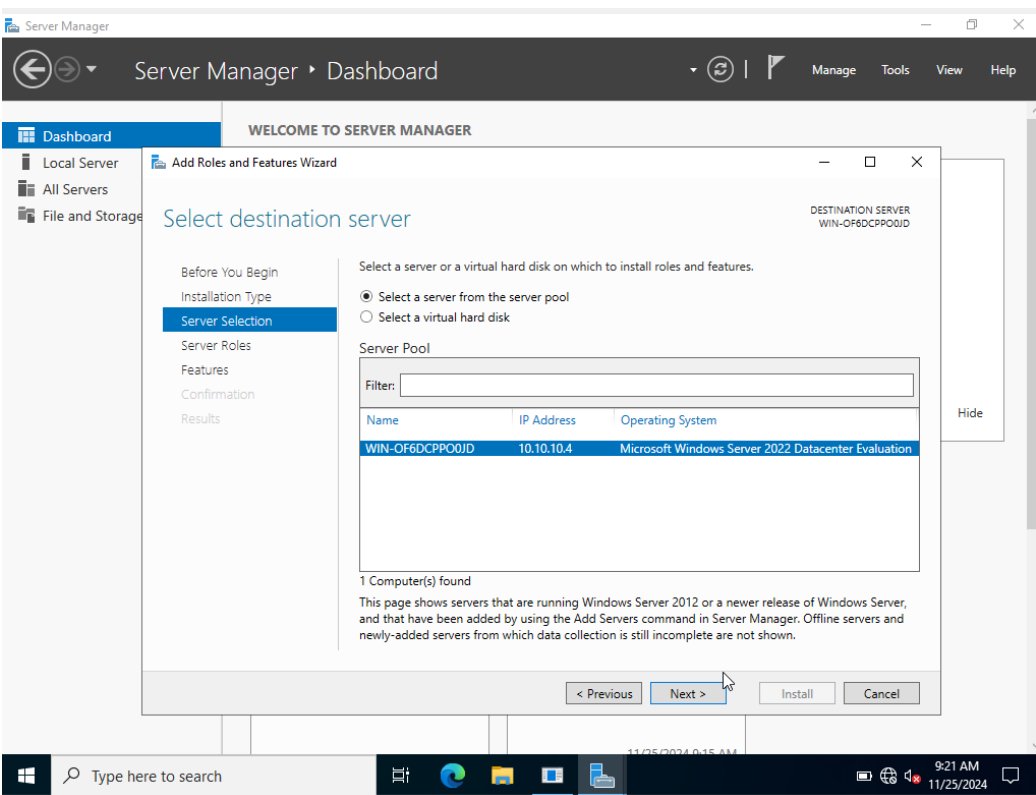


Figure 11: Click on next button

Step 10: Select the "Web Server (IIS)" role to enable hosting web applications on the server. This role is essential for hosting websites.

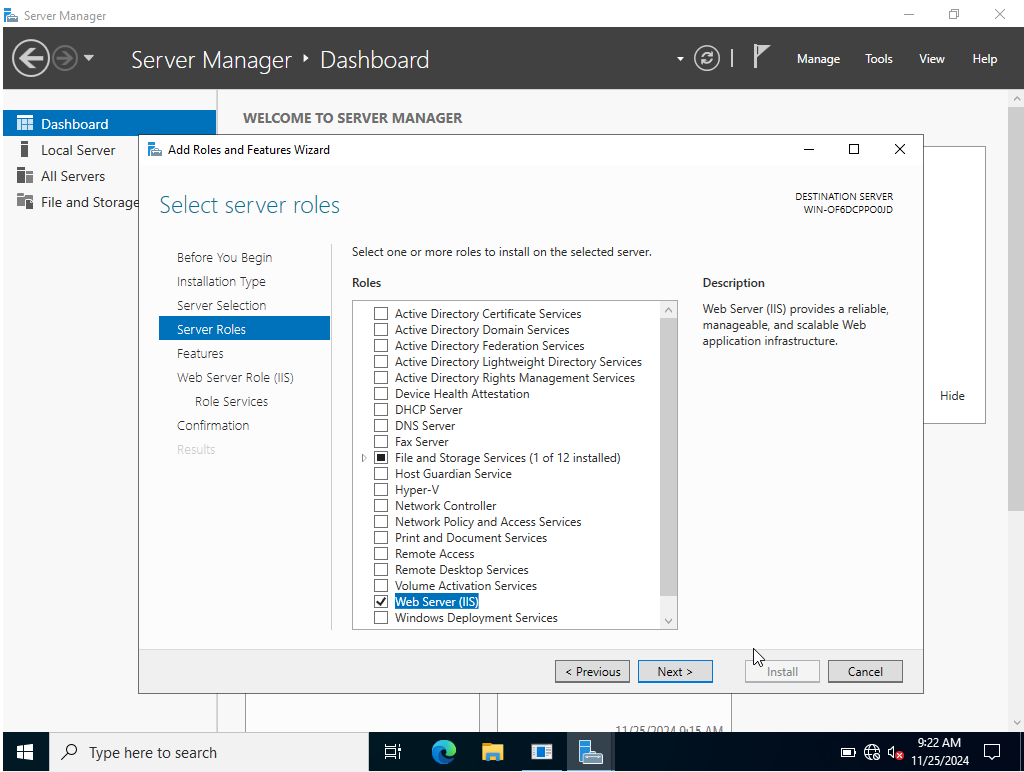


Figure 12: Select Web Server IIS

Step 11: Click on next button without changing any default values.

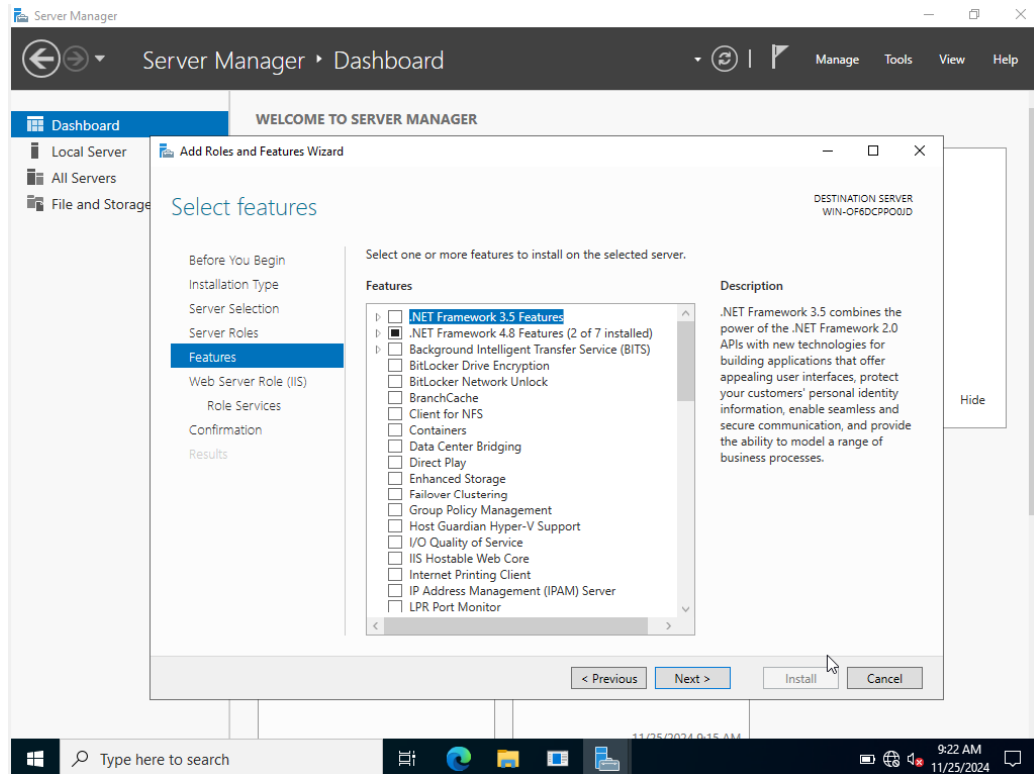


Figure 13: Next

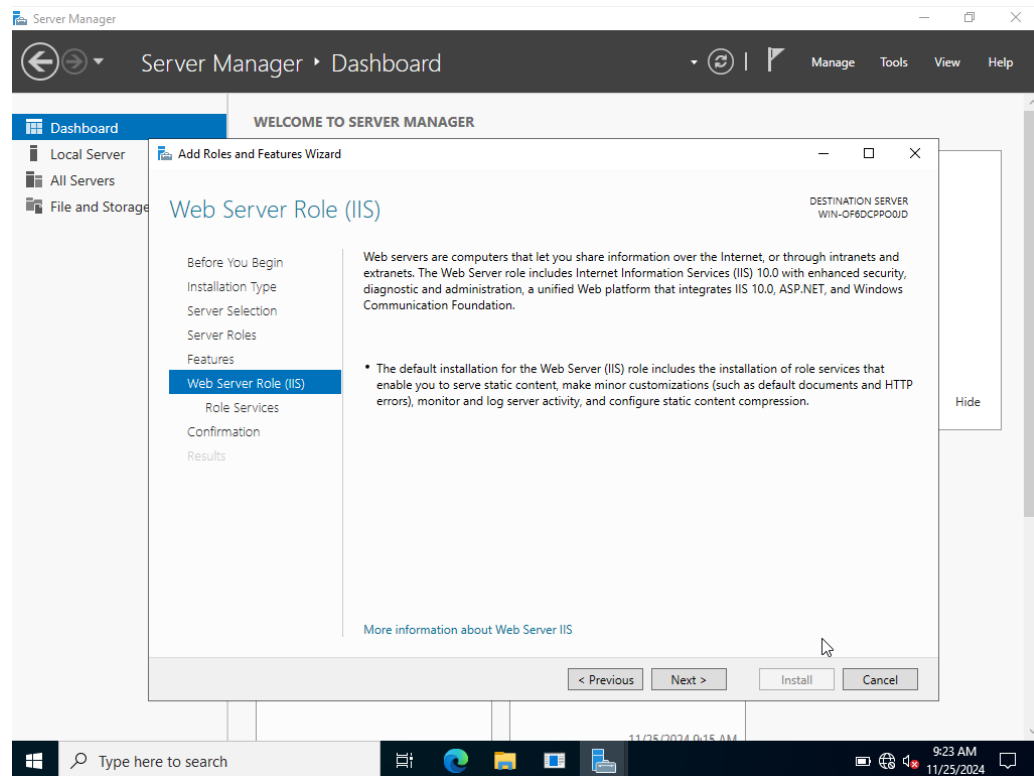


Figure 14: Next

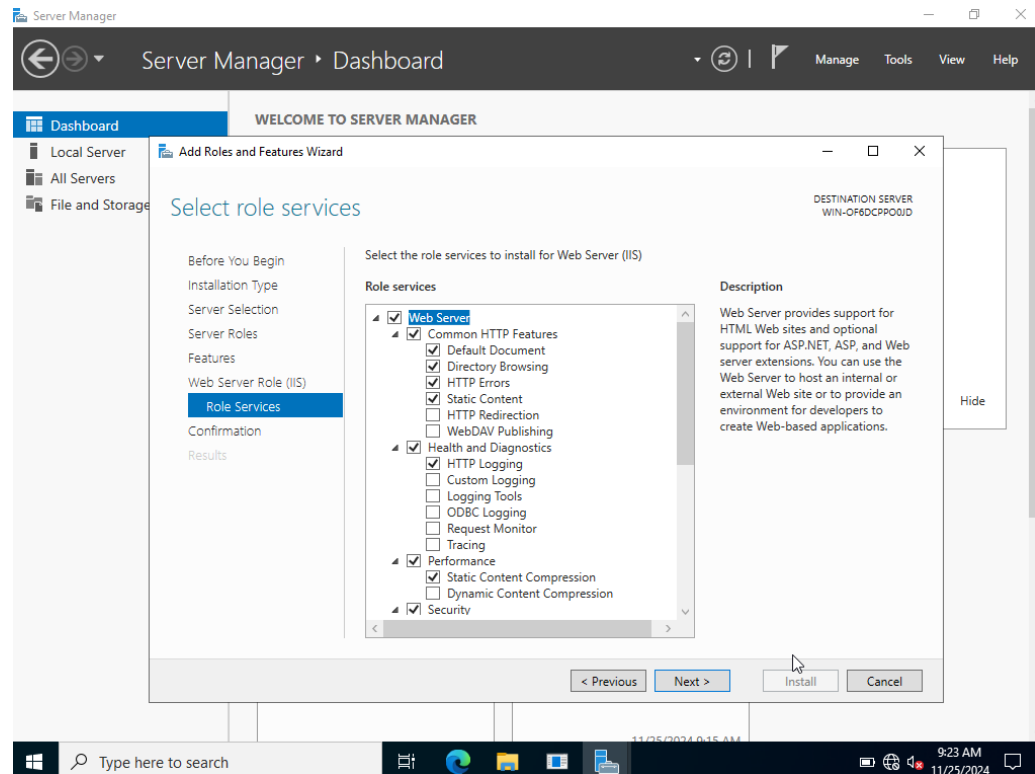


Figure 15: Next

Step 12: Click on Install button .

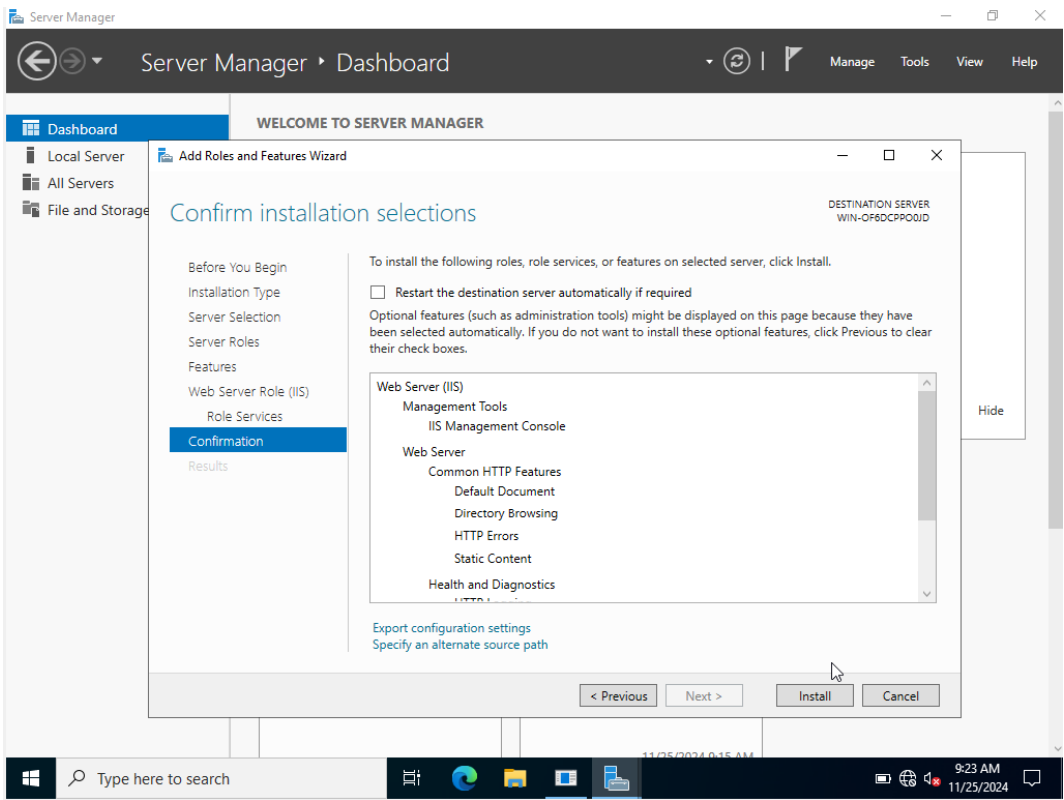


Figure 16: Click on Install button

Step 13: After the Web Server role is installed. Open the Server Manager Dashboard, go to Tools, and select "Internet Information Services (IIS)."

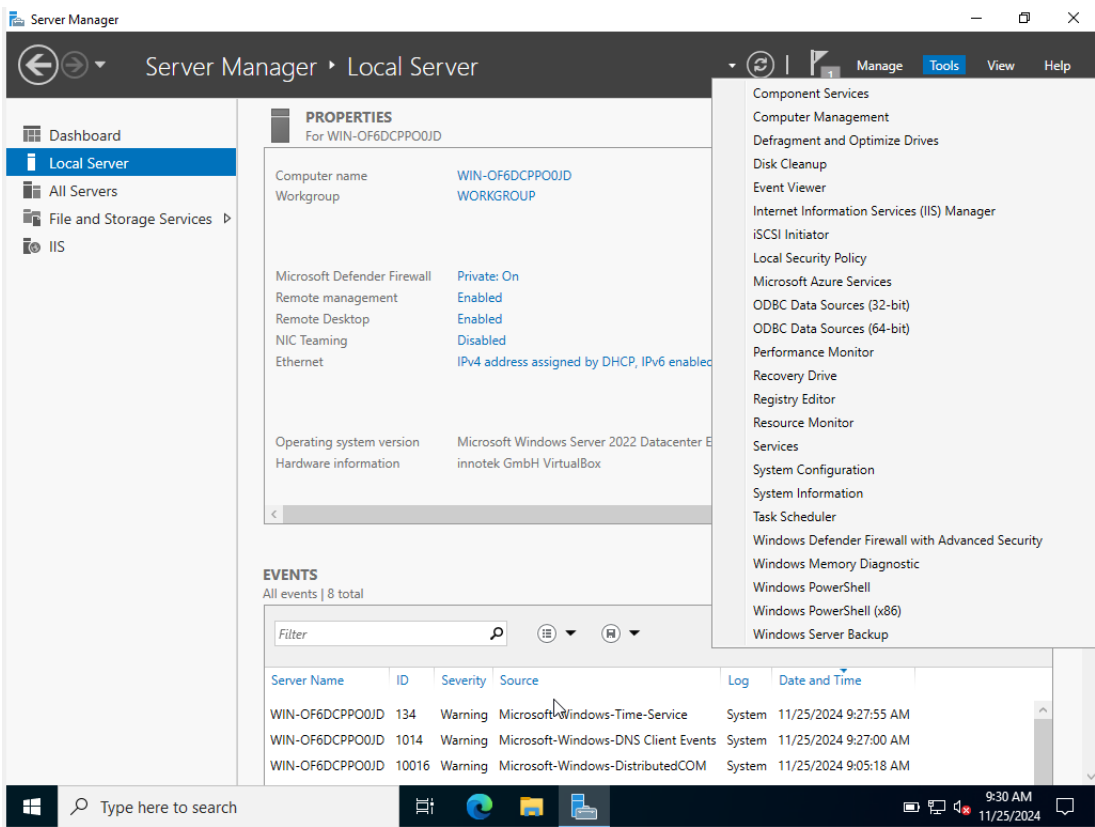


Figure 17: Select IIS manager

Step 14: The IIS Manager will open, displaying the server name in the left pane.

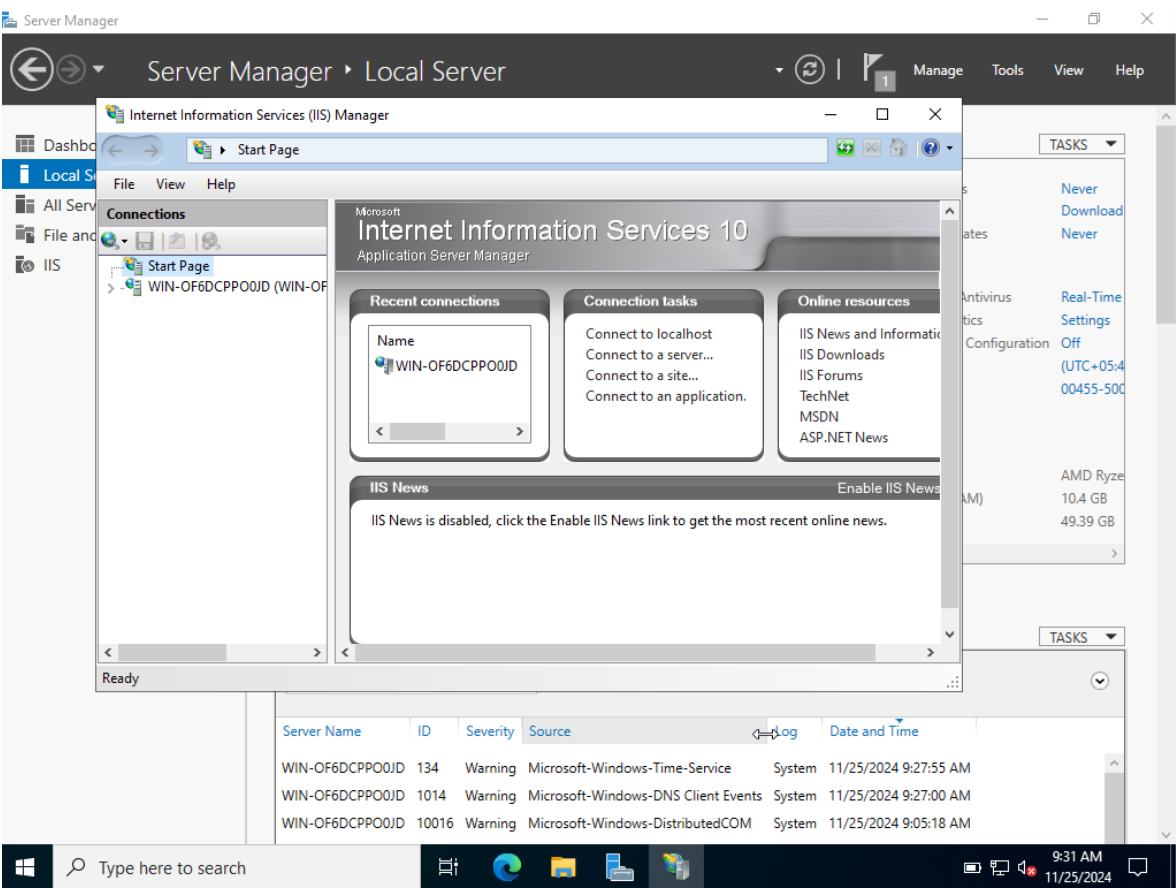


Figure 18:Opening IIS manager

Step 15: From the "Sites" dropdown, right-click and select "Add Website" to create a new site. Set "mysite.local" as both the site name and host name, and choose the folder containing the website files as the physical path.

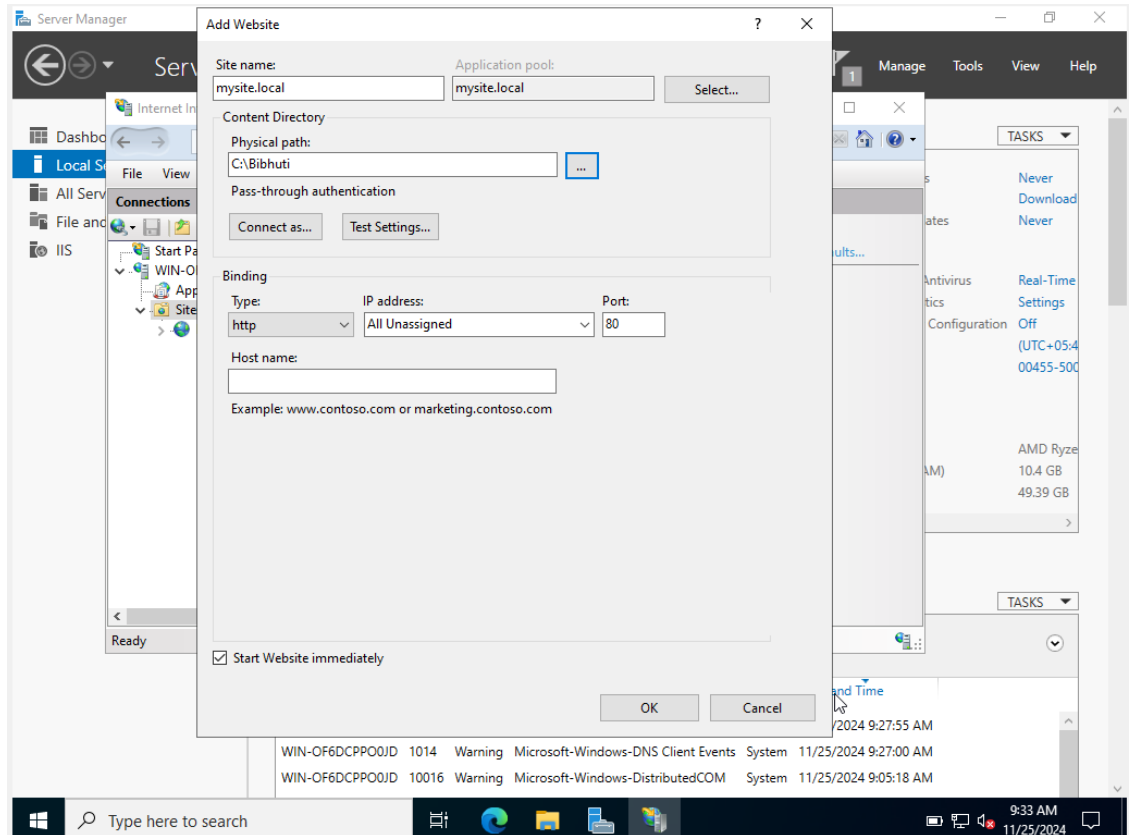


Figure 19: Creating new site

Step 16: Our website is now added. To access it, open a web browser on the Windows server and enter "mysite.local" in the address bar.

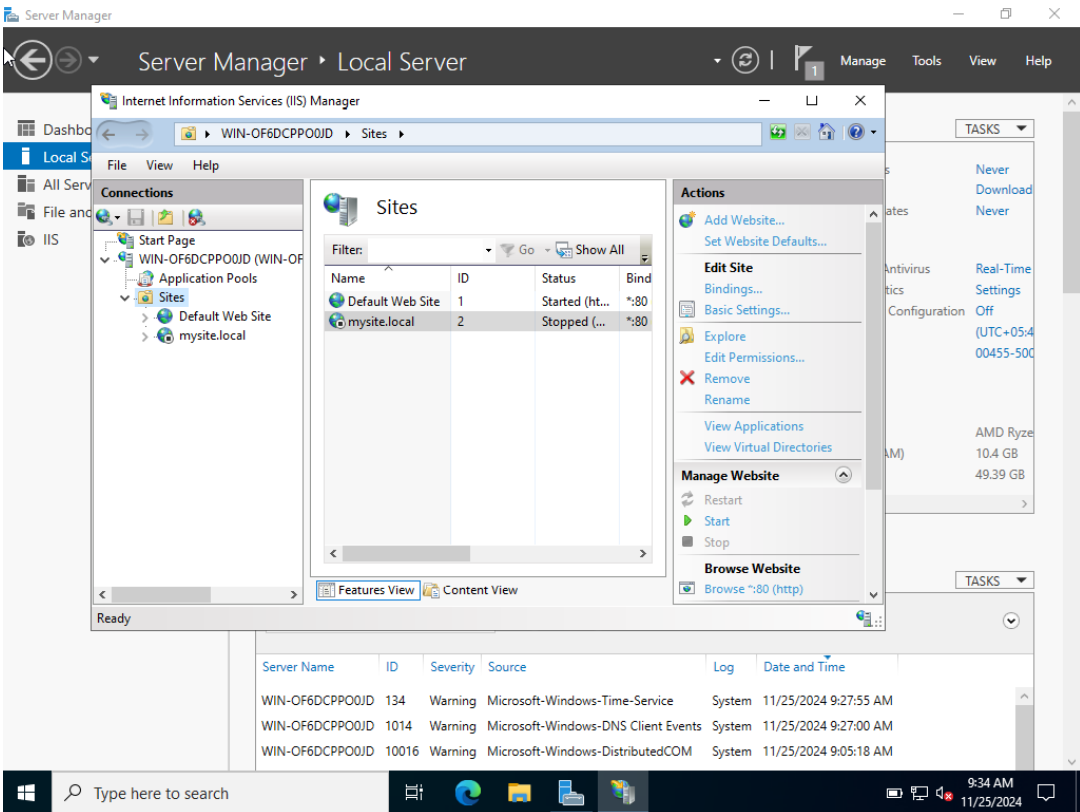


Figure 20: New site is created

Step 17: To register our site, open the hosts file in Notepad. You can find it at: C:/Windows/System32/drivers/etc/hosts.

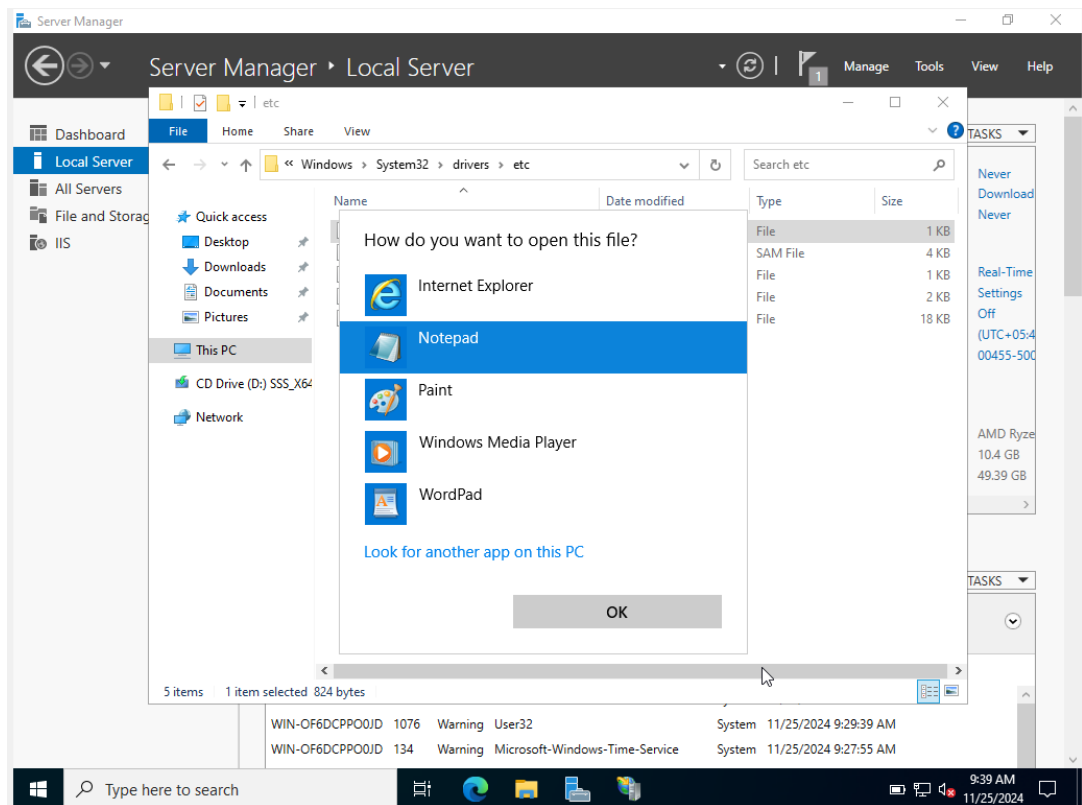


Figure 21: Opening host file to register our website

Step 18: Add 127.0.0.1 mysite.local at end of the file and save it.

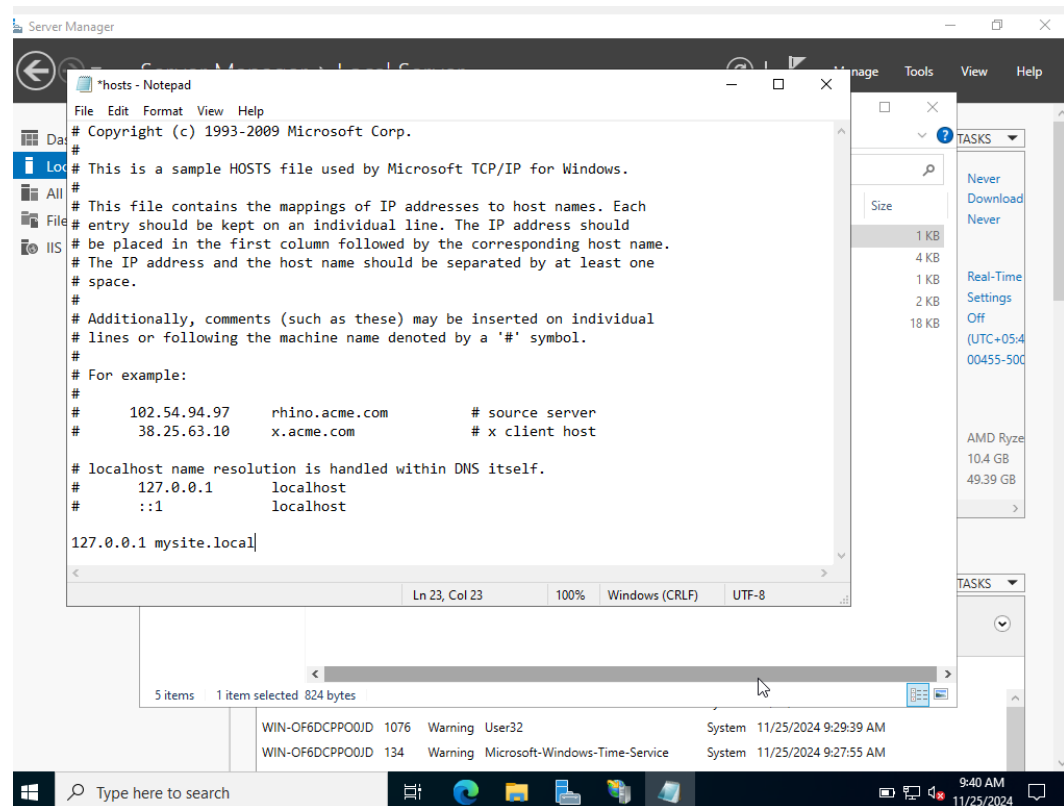


Figure 22: Adding 127.0.0.1 mysite.local in host file

Step 19: Reload the page and see the website loaded.

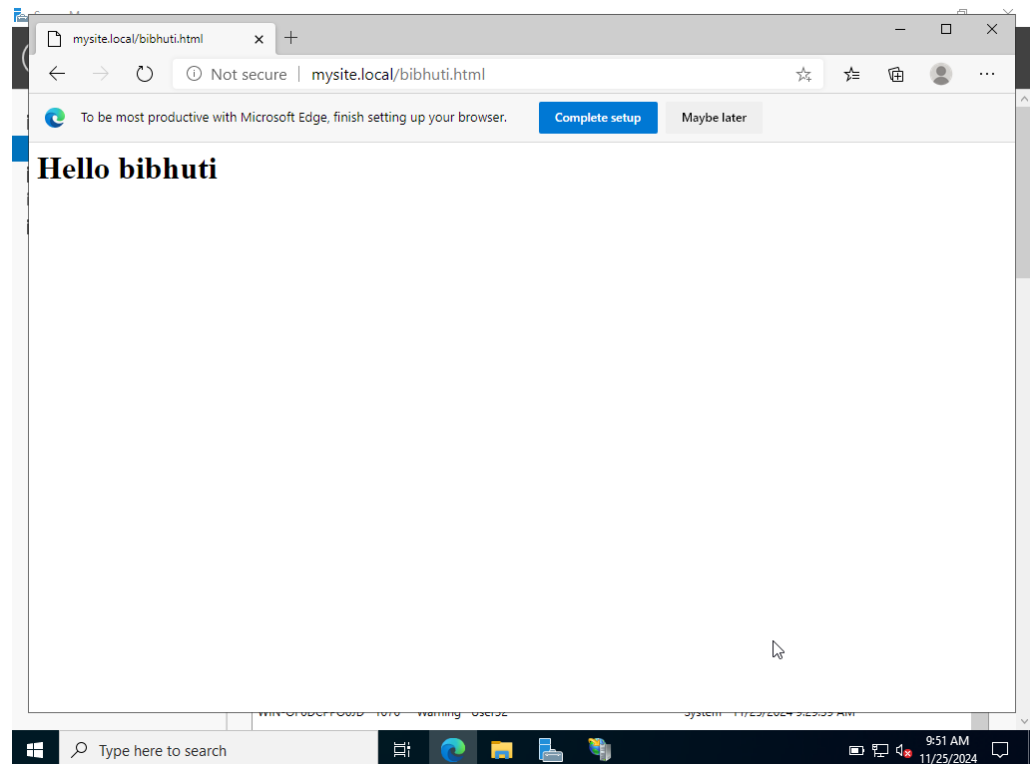


Figure 23: Loading website