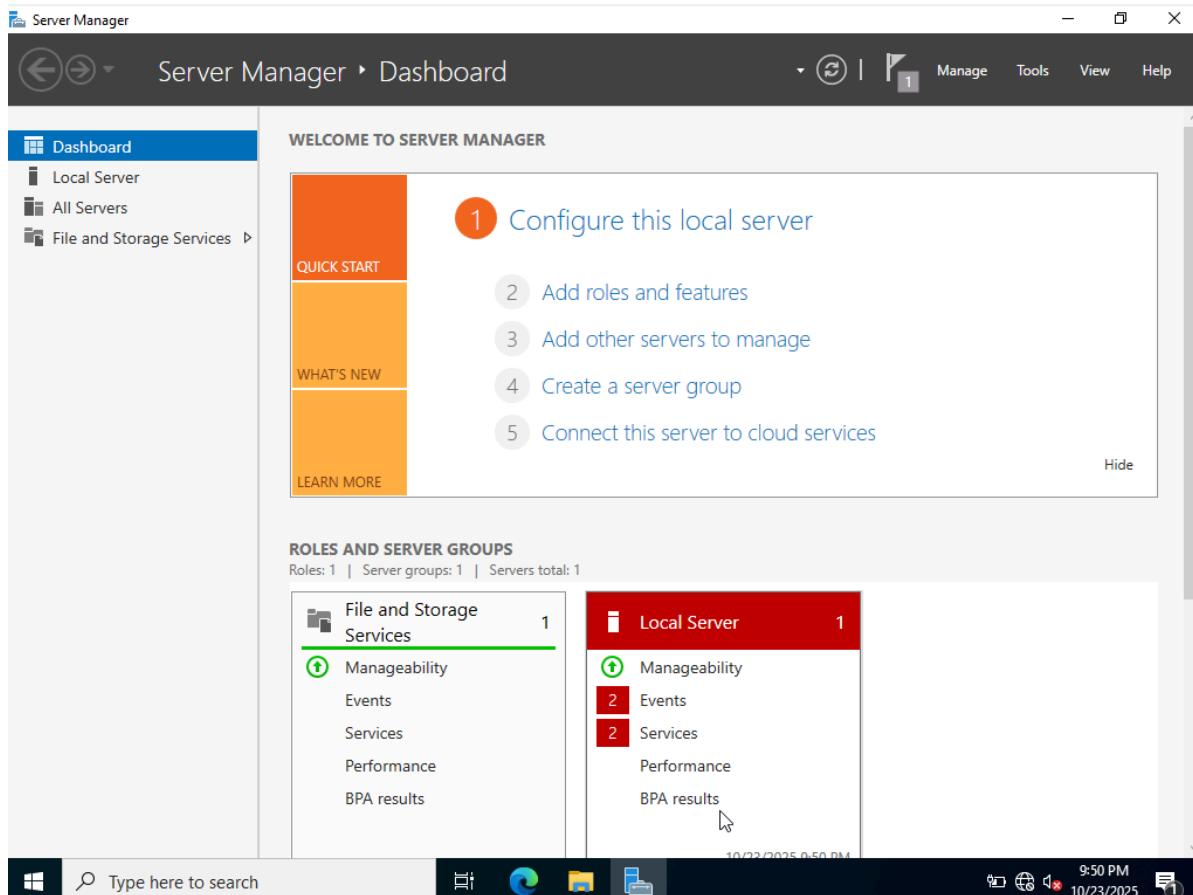


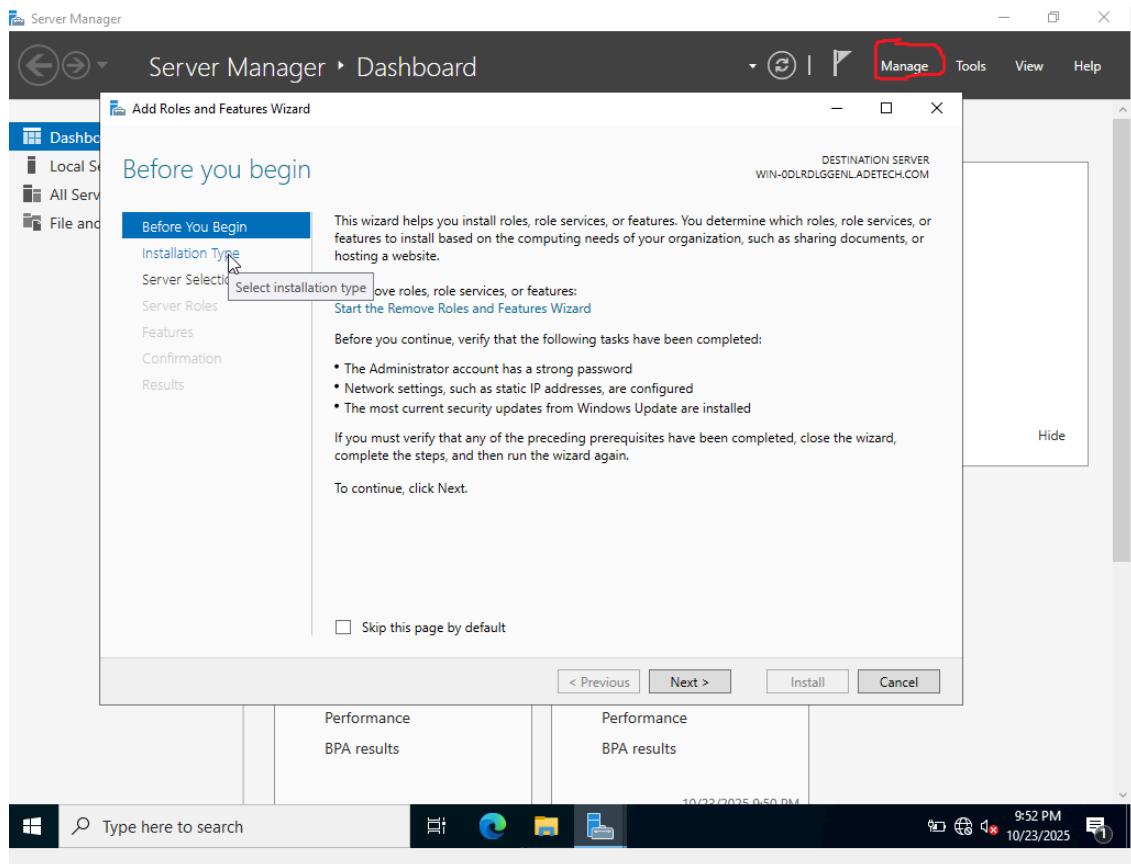
ACTIVE DIRECTORY (AD) SIMULATION

Step 1: Launch Window Server

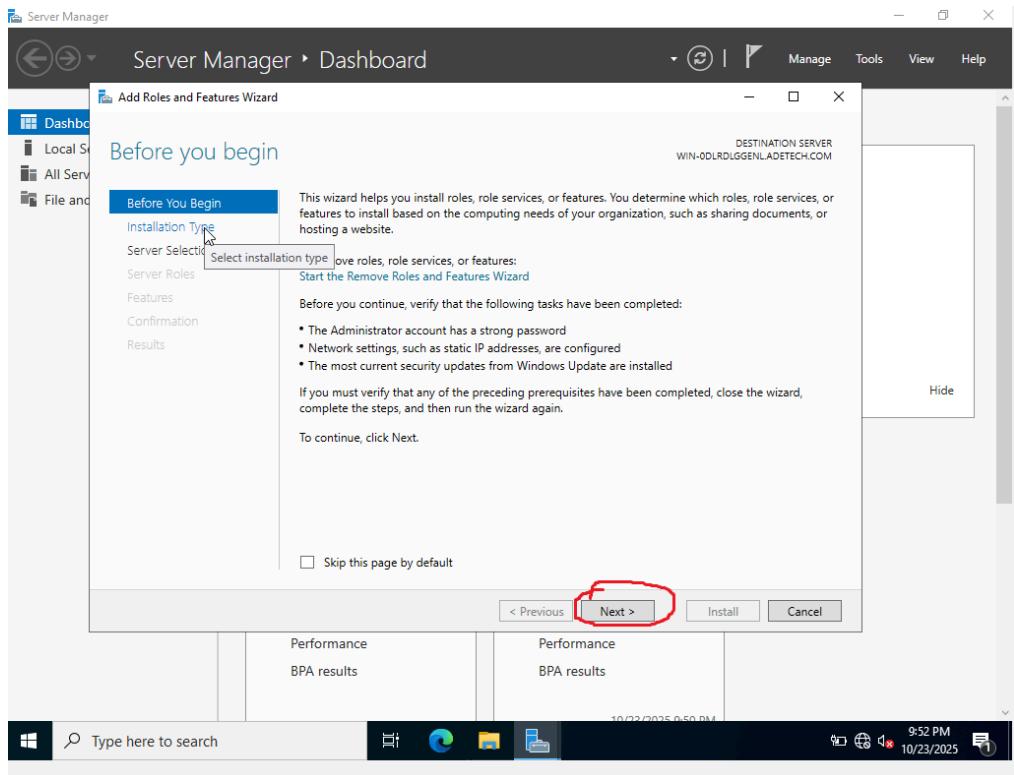


Step 2:

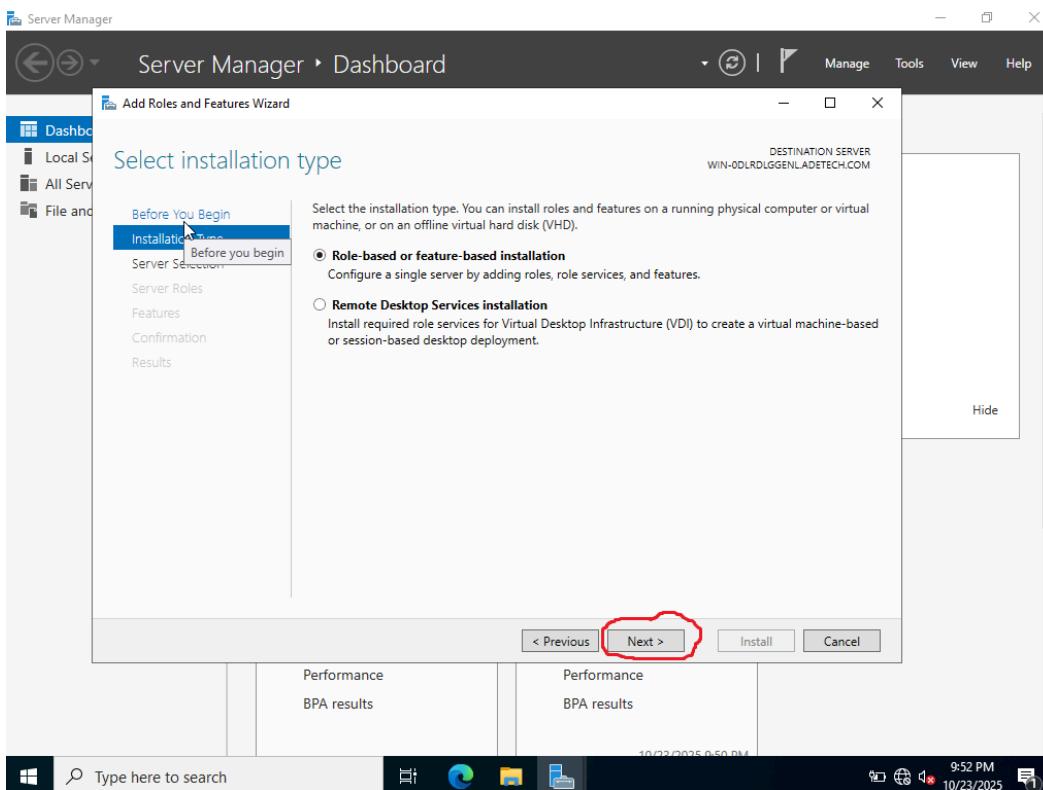
Click on Manage and Select Add “Roles and Features”



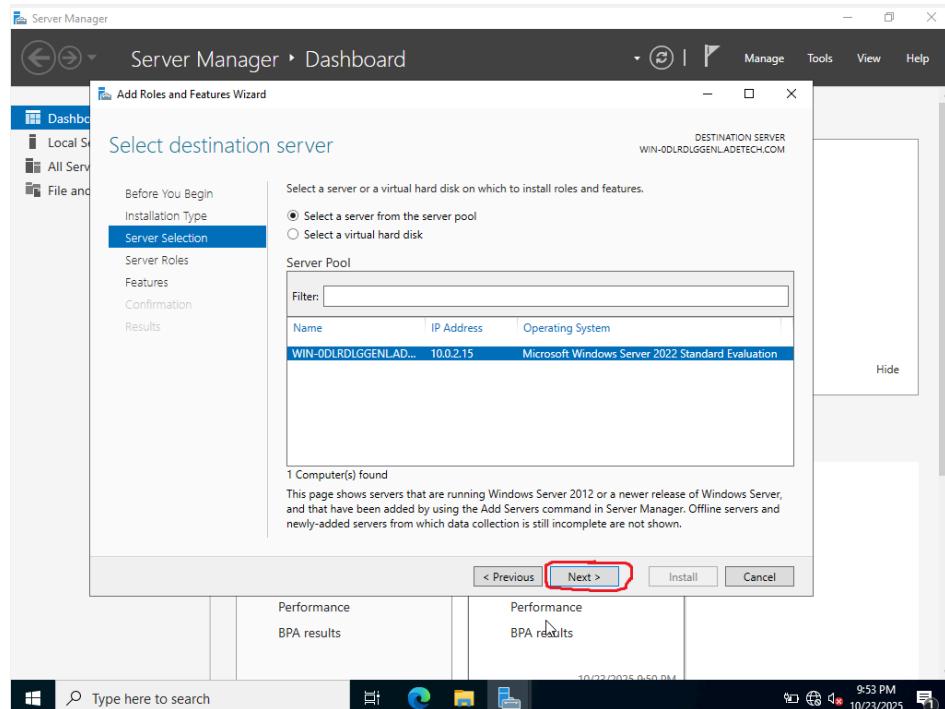
Step 3: Click Next



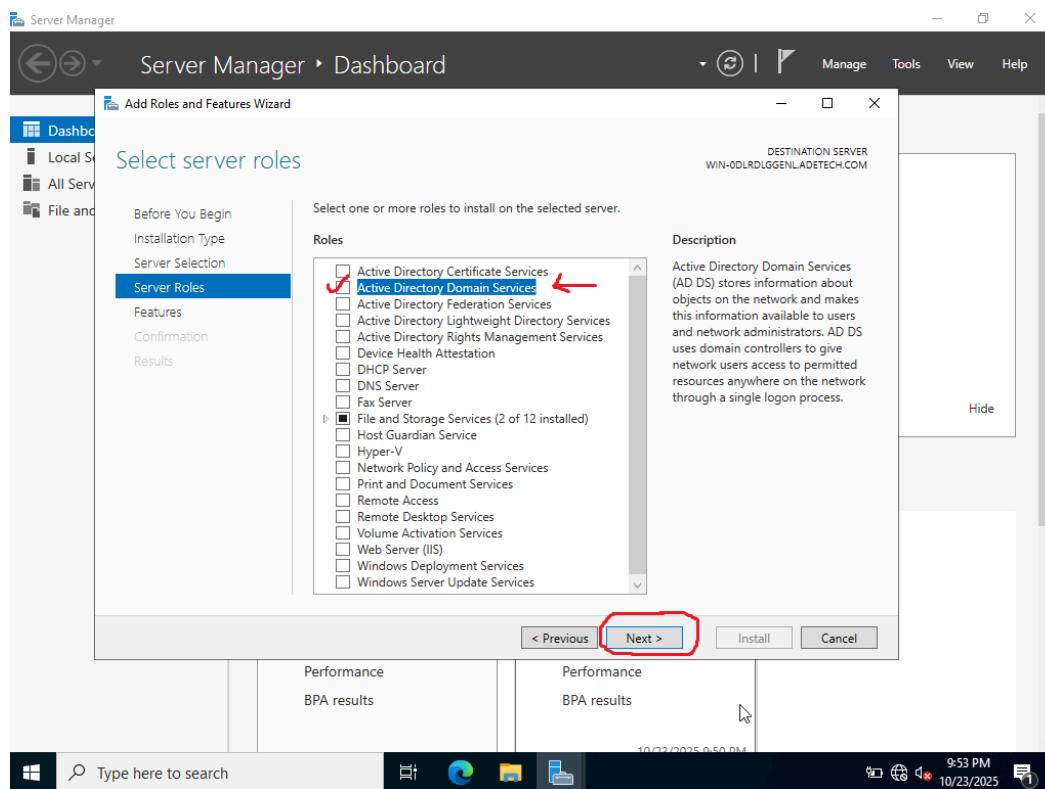
Step 4: Select “Role-Based or Feature-based installation” and “Next”



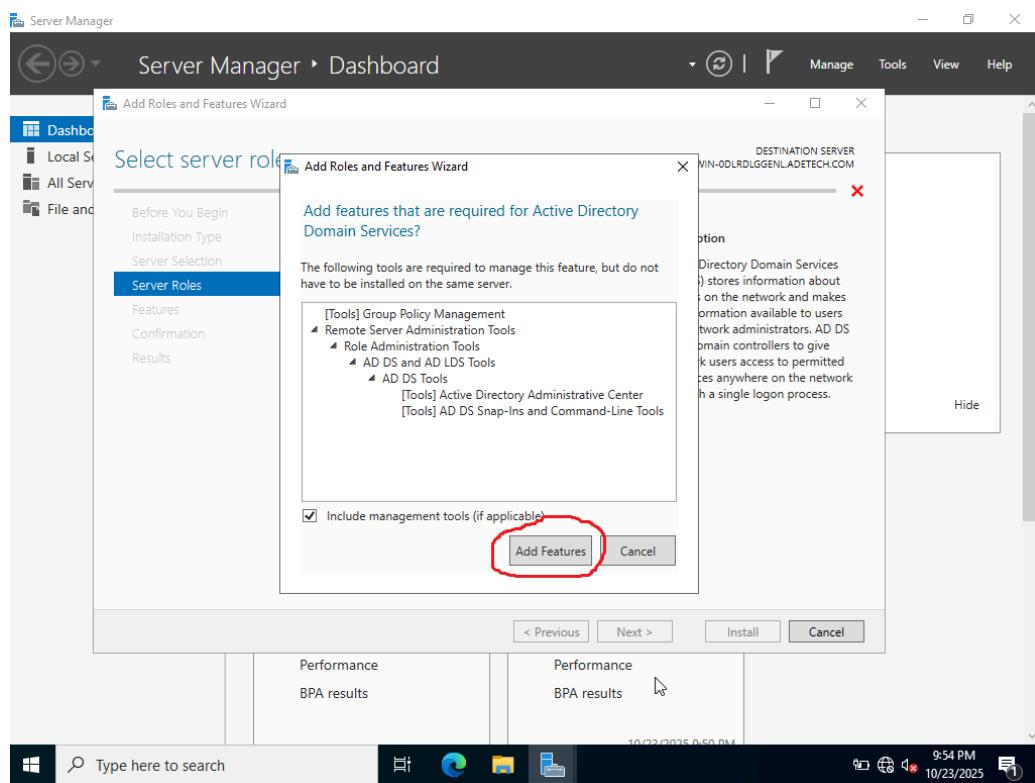
Step 5



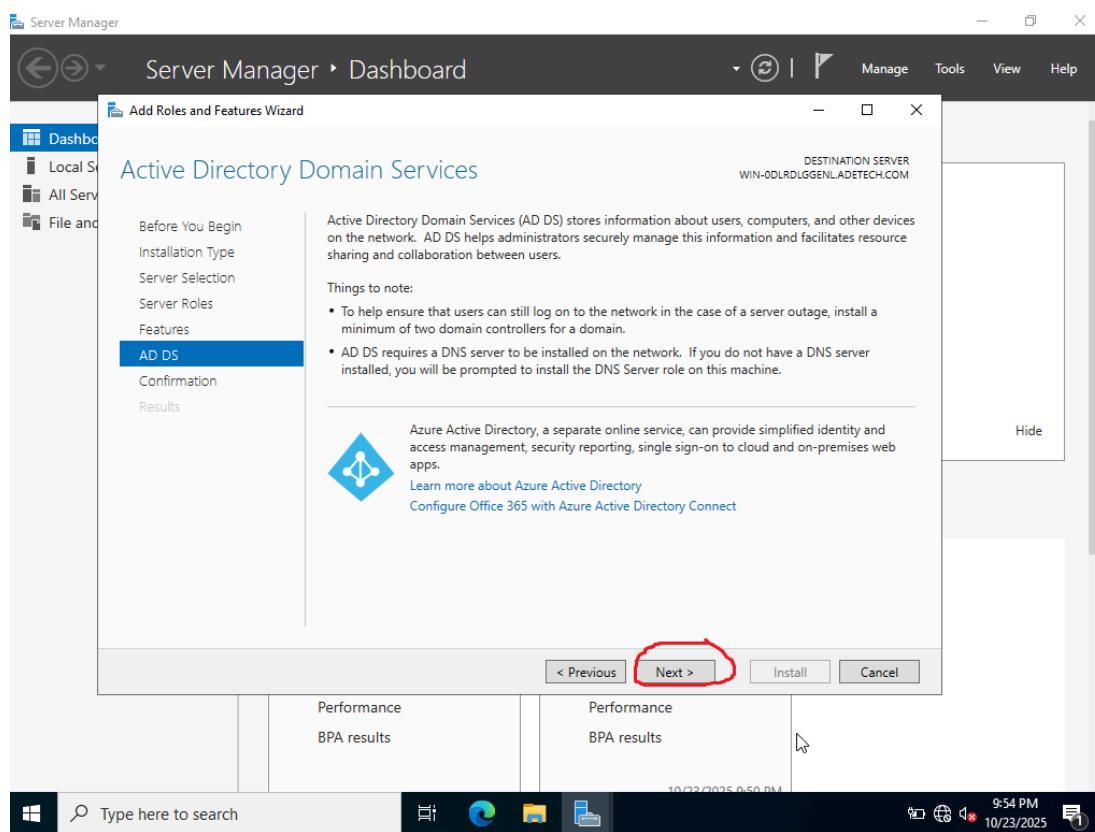
Step 6



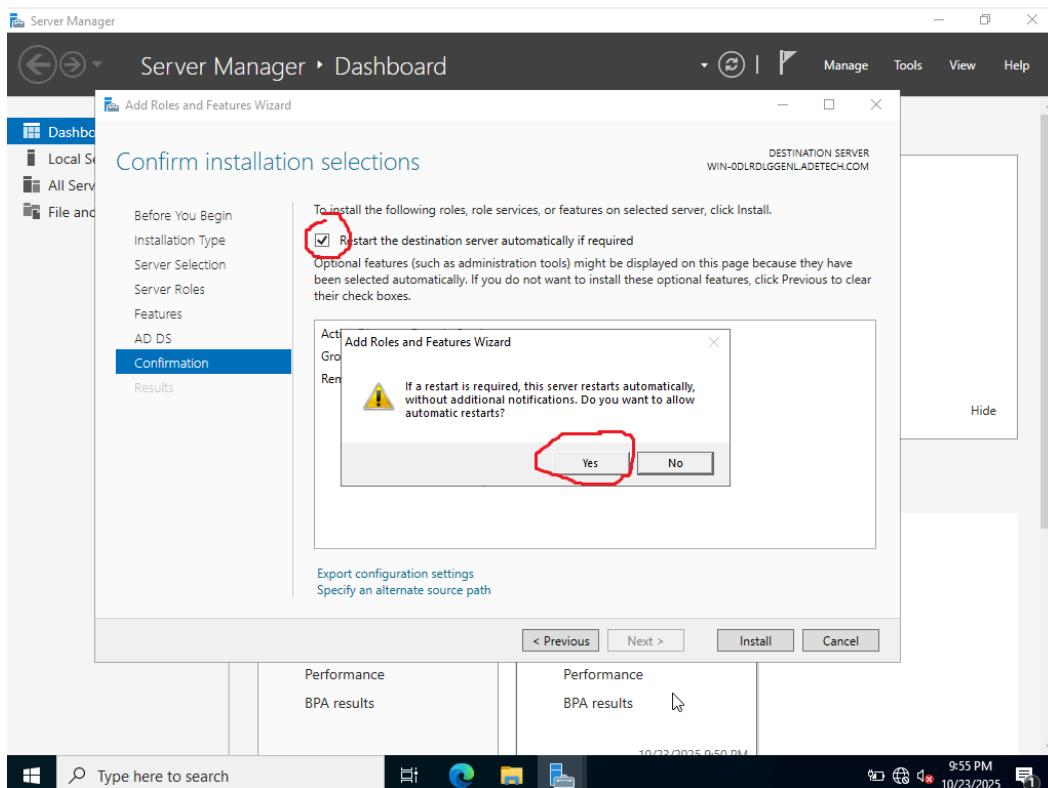
Step 7



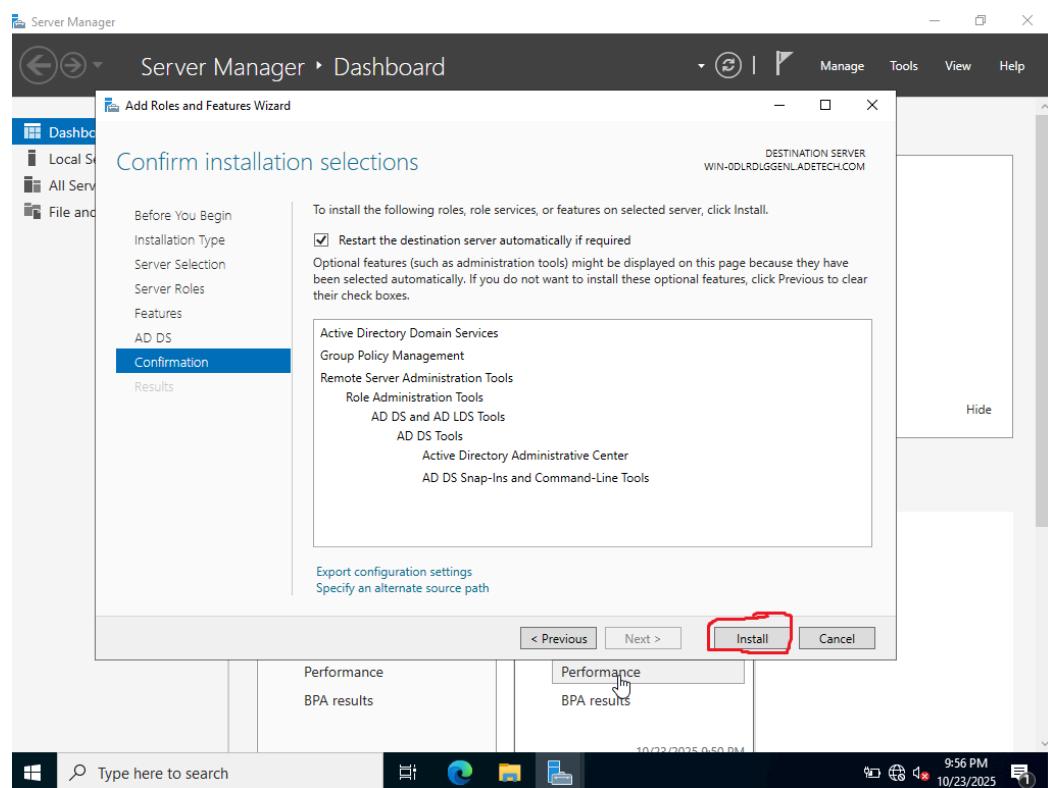
Step 8



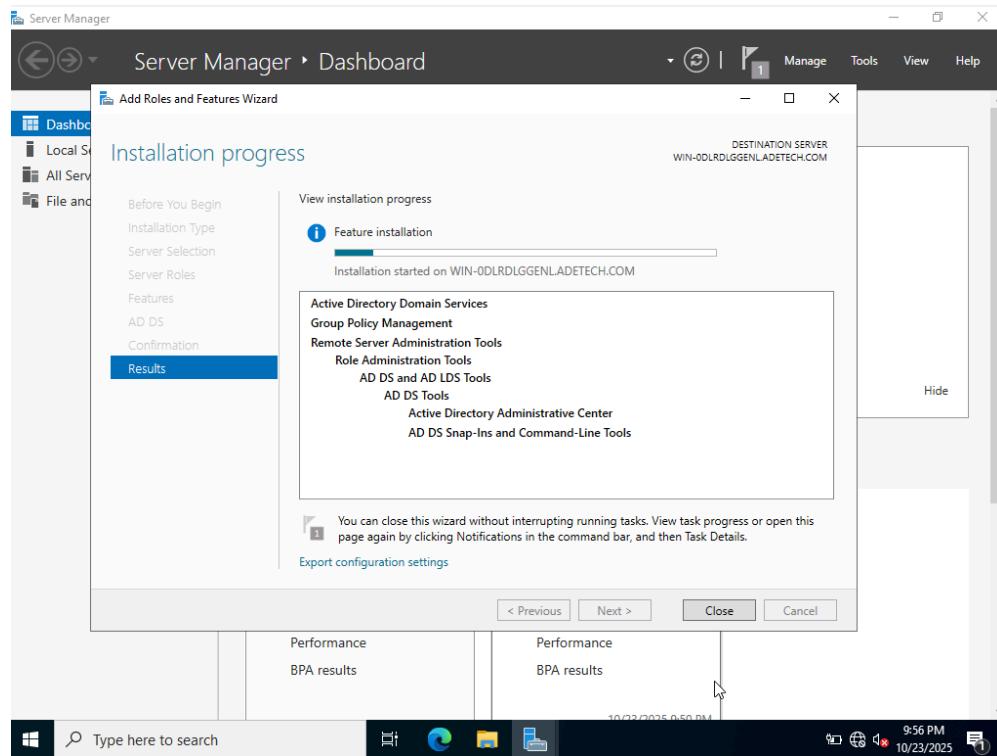
Step 9



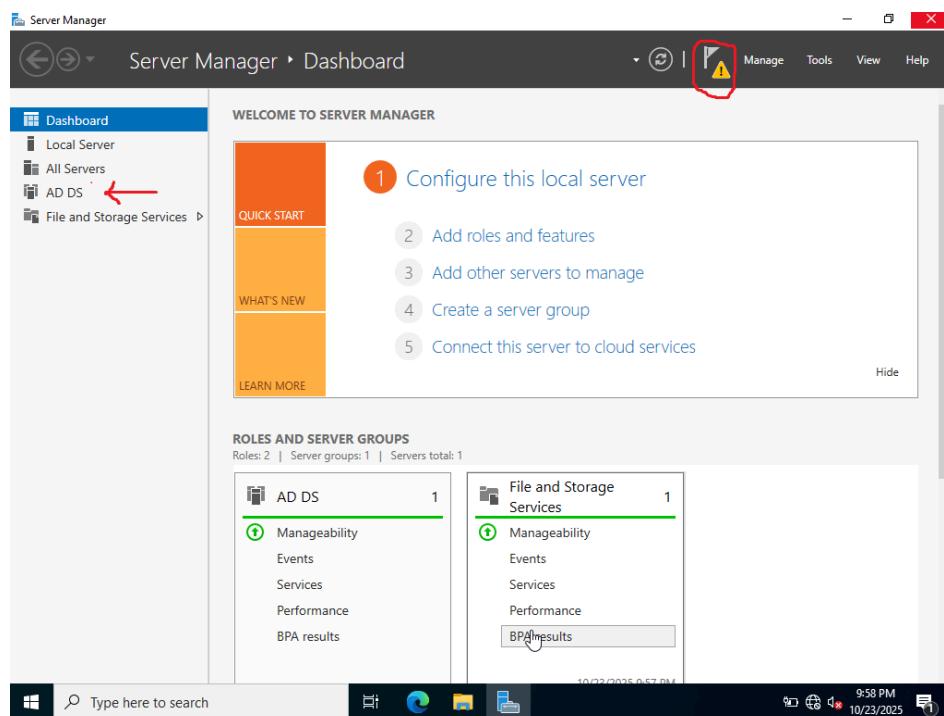
Step 10



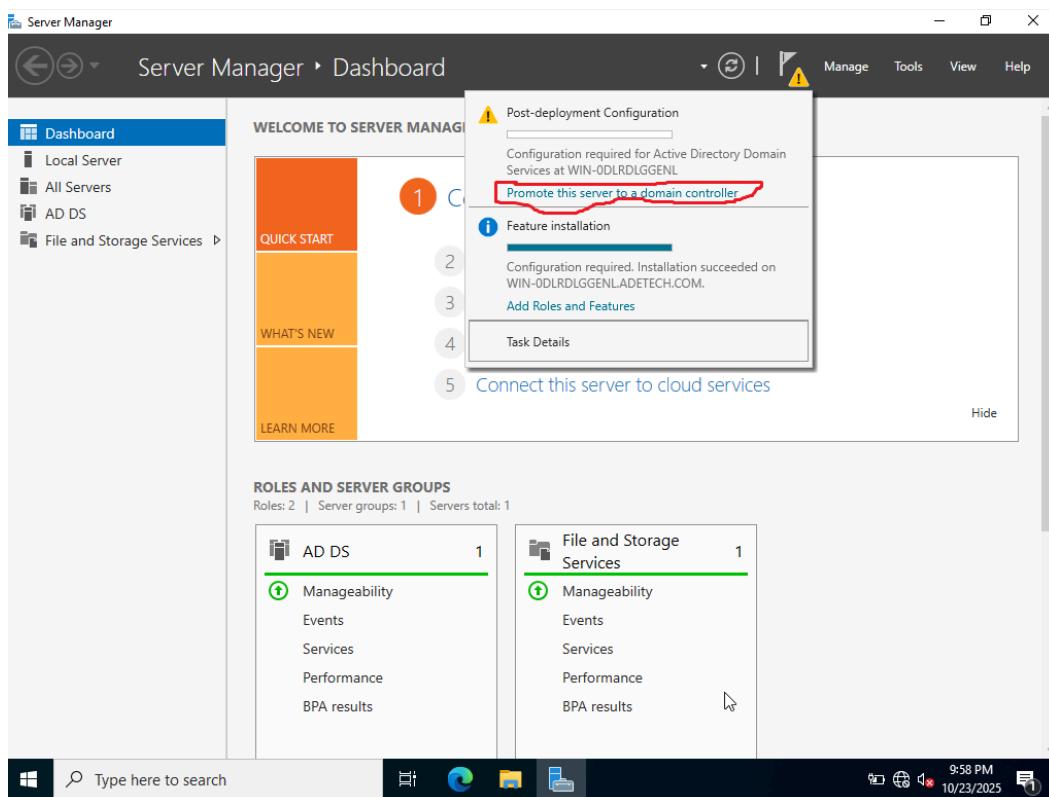
Step 11: Installation Started



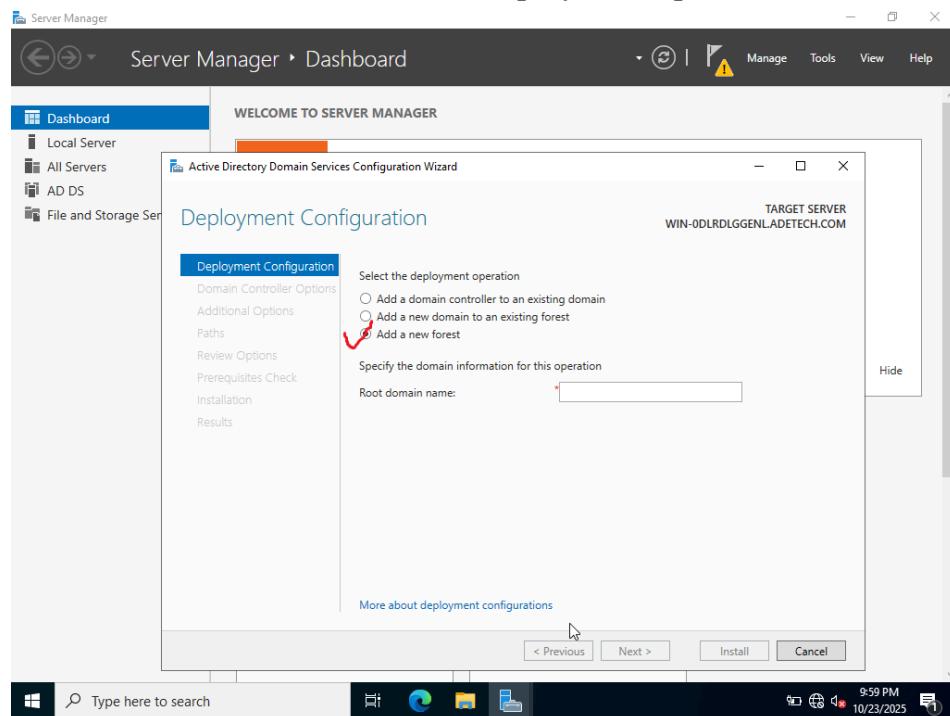
Step 12: Active Directory has successfully Installed. We now need to promote our Active Directory Domain Server (AD DS) to Domain Controller.



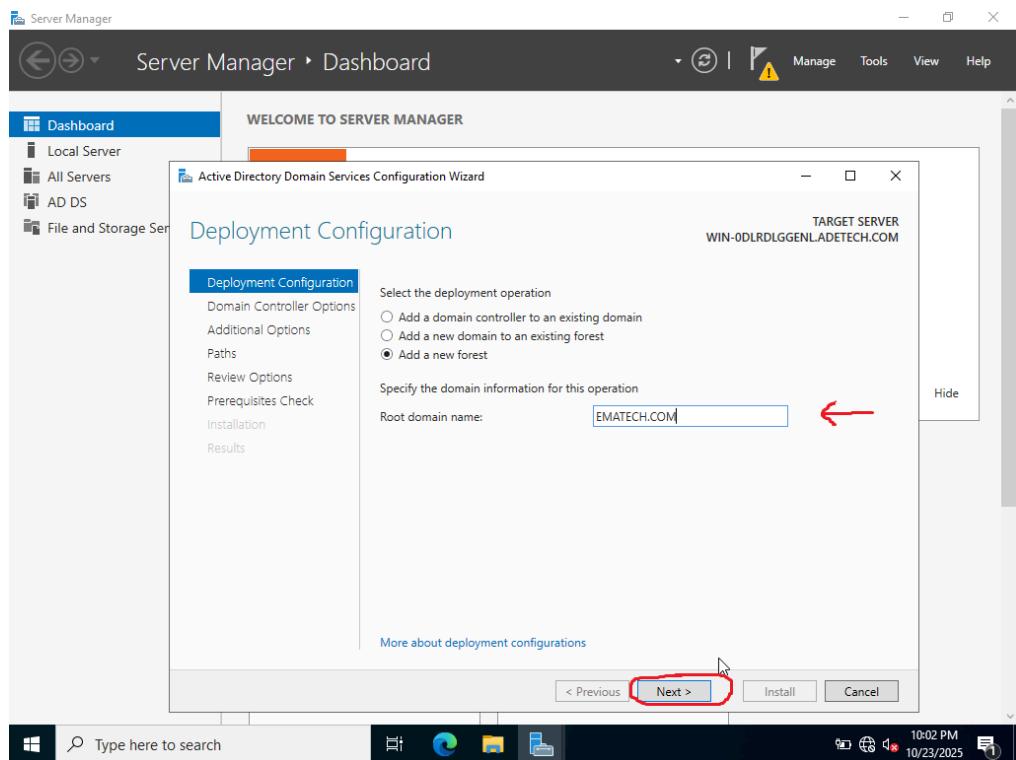
Step 13



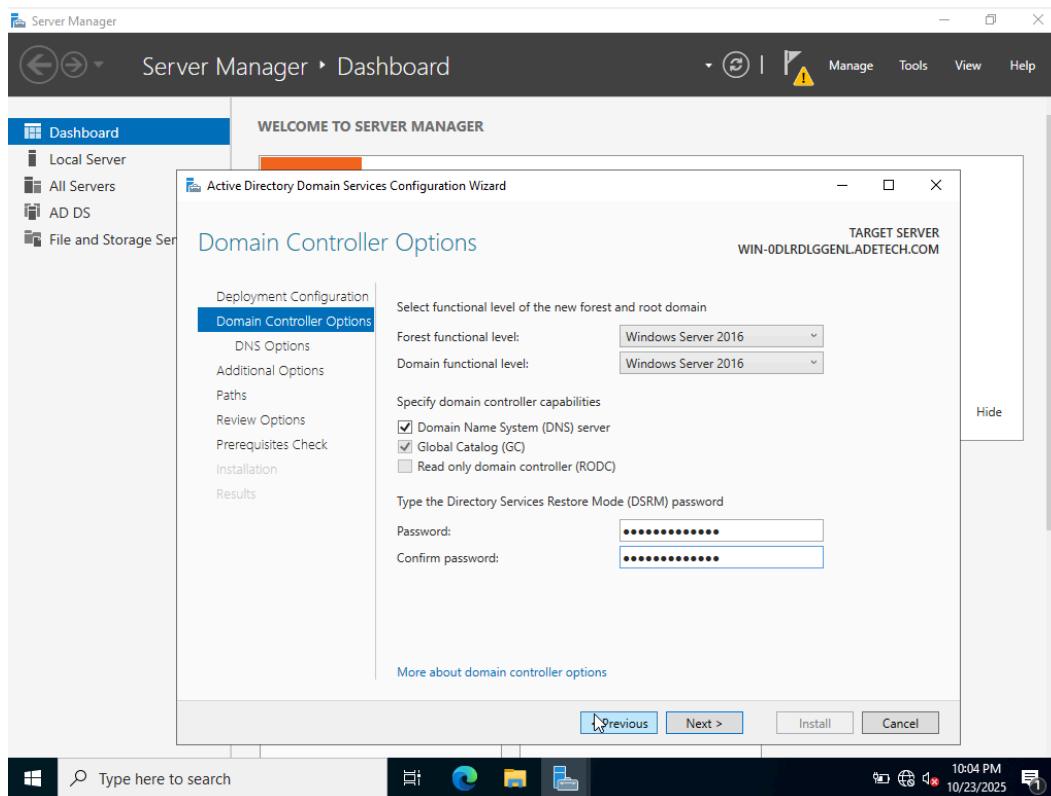
Step 14: Select “Add a new Forest” as out deployment option



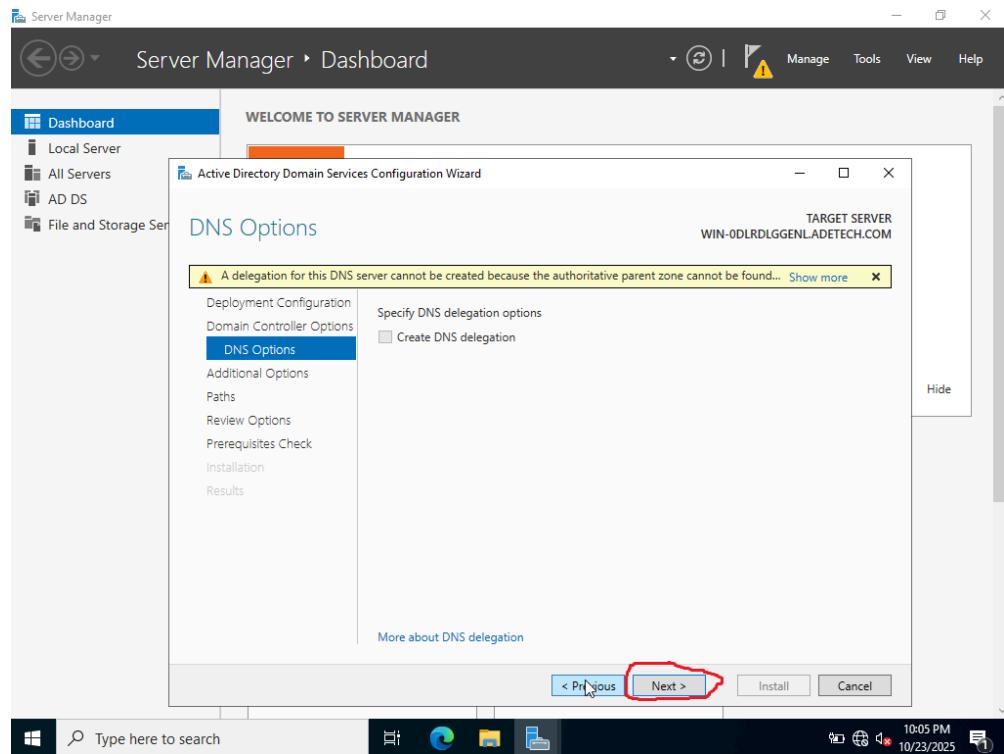
Step 15: I will be using “ [EMATECH.COM](#) ” as my domain name. Then click on “ Next ”



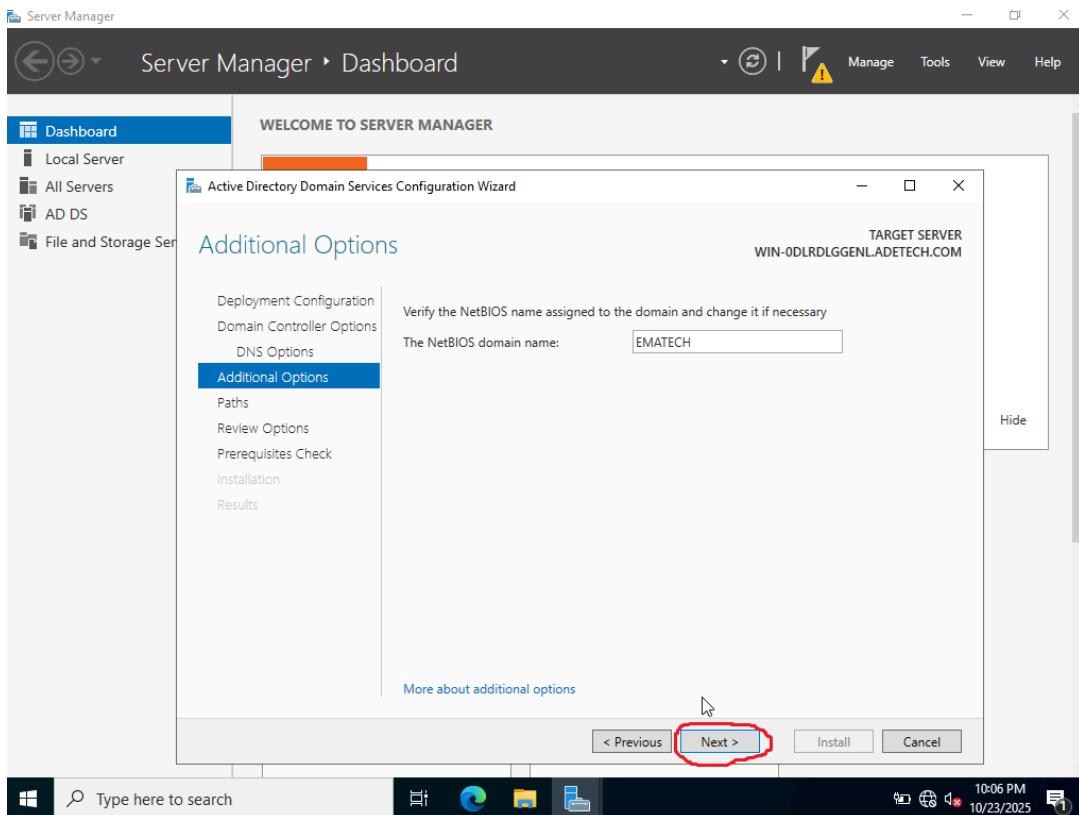
Step 15: Created a Password



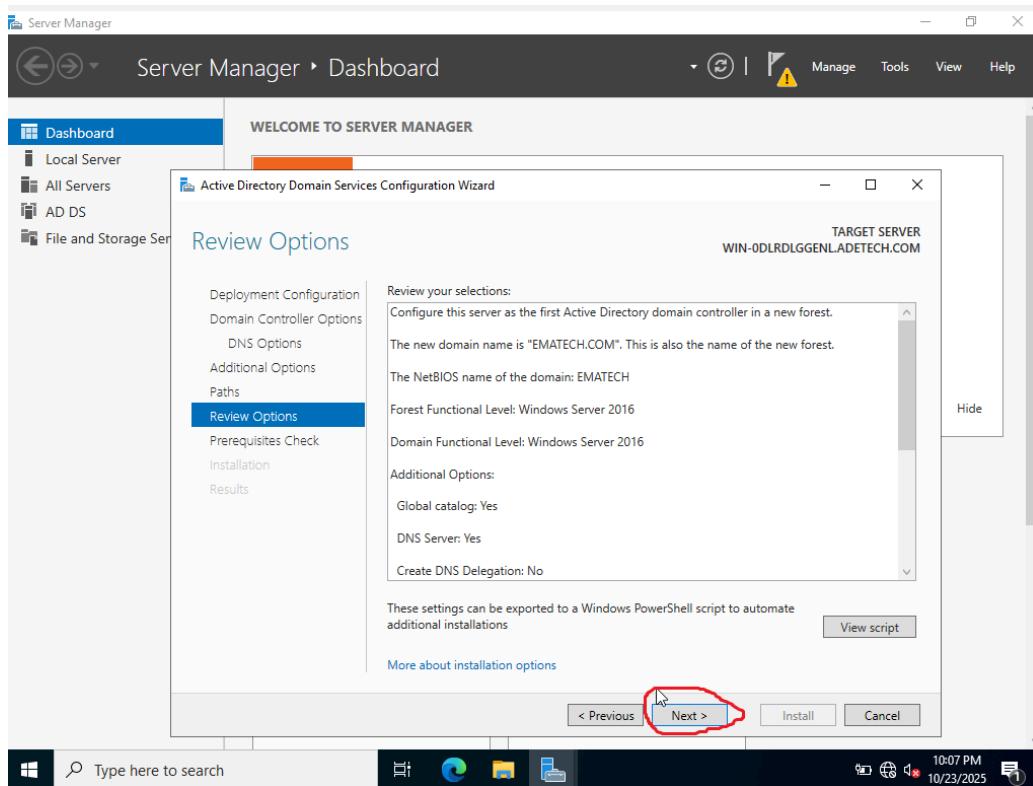
Step 16: Click on “Next”



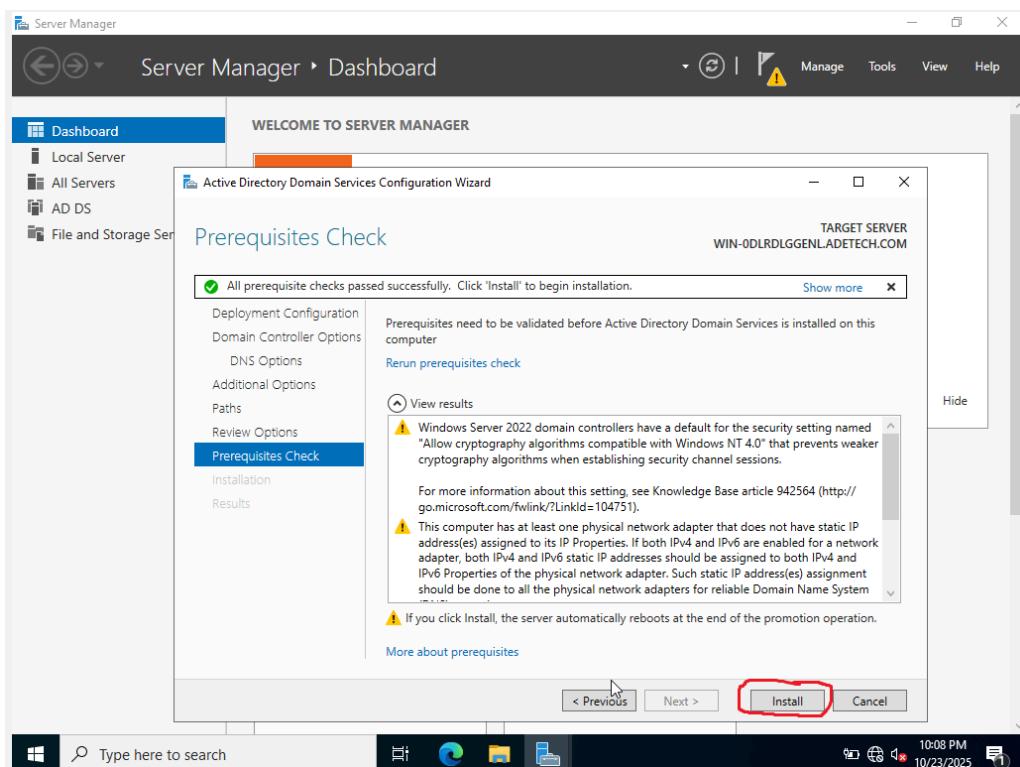
Step 17:



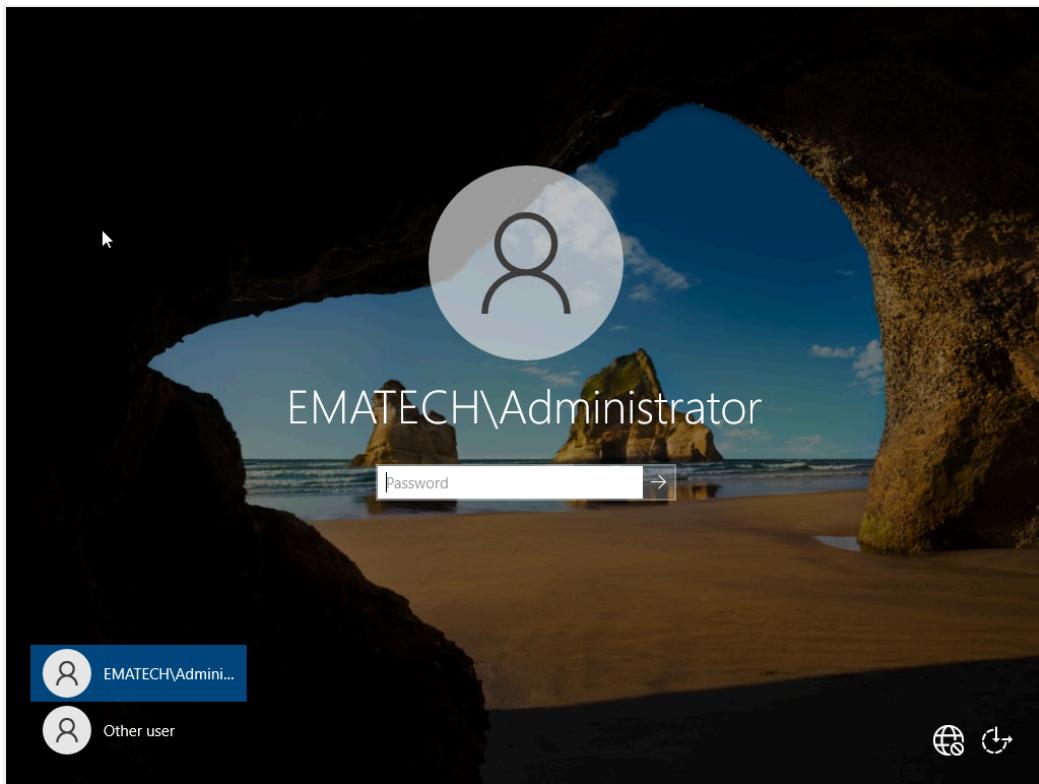
Step 18



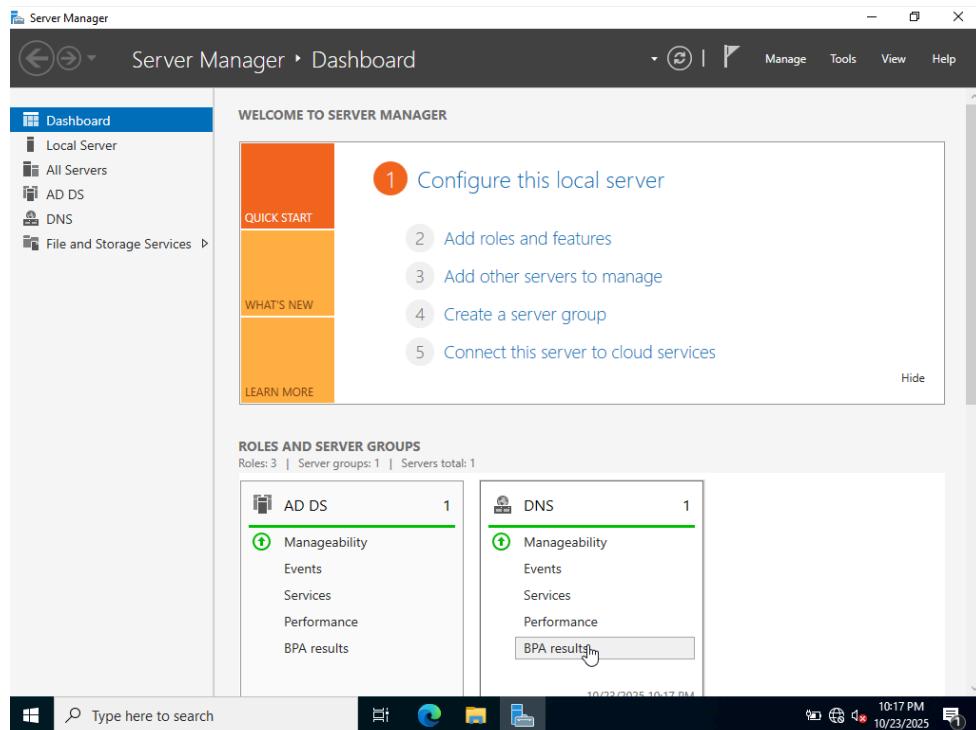
Step 19



Step 20: The Windows Server will automatically restart once the installation is complete.



Step 21: Active Directory Domain Server (AD DS) successfully promoted to a Domain Controller.



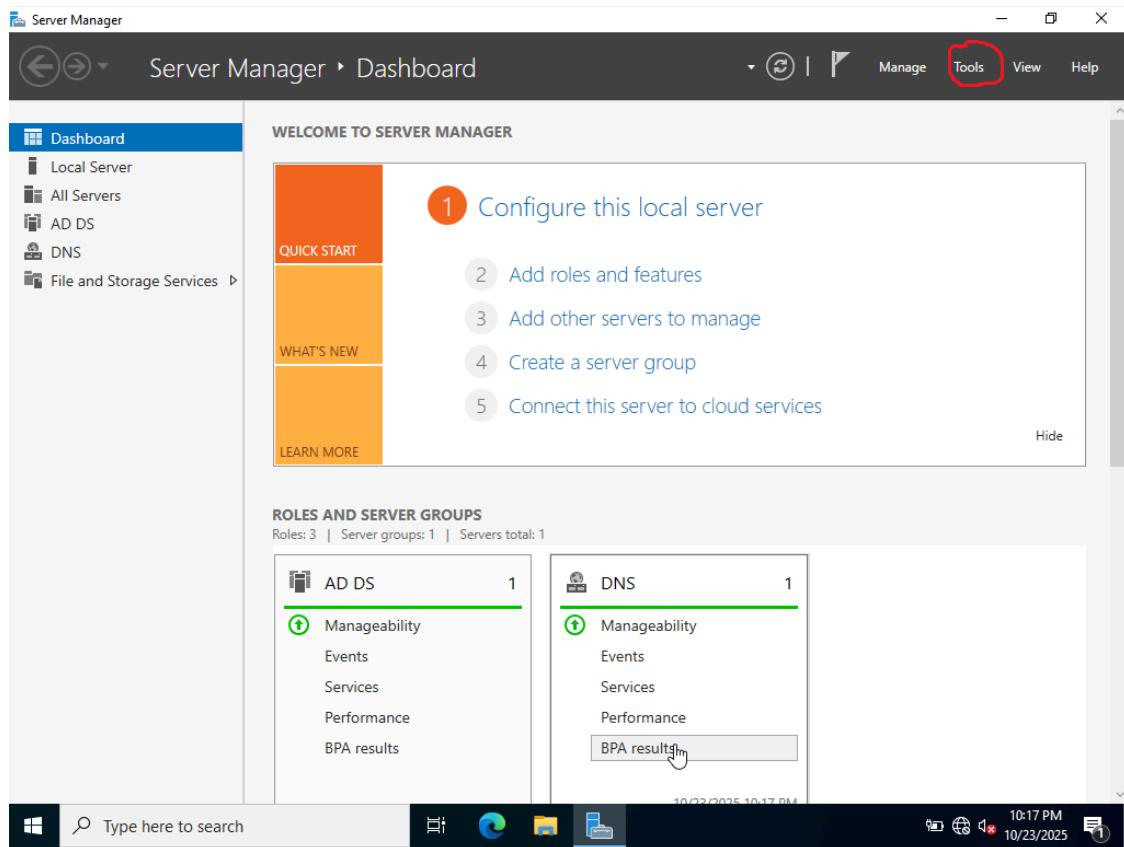
Creating OUs, Groups and Users

OUs: Lagos, UK, US

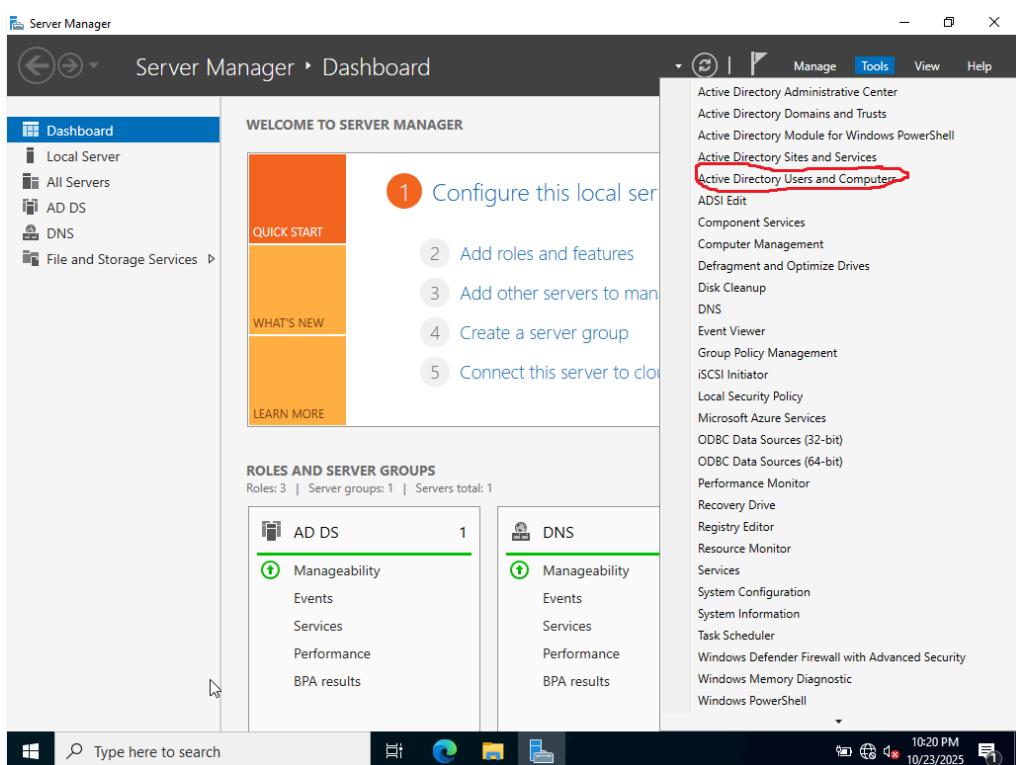
Groups: Finance, IT, Sales

Users: Aminat, Brian

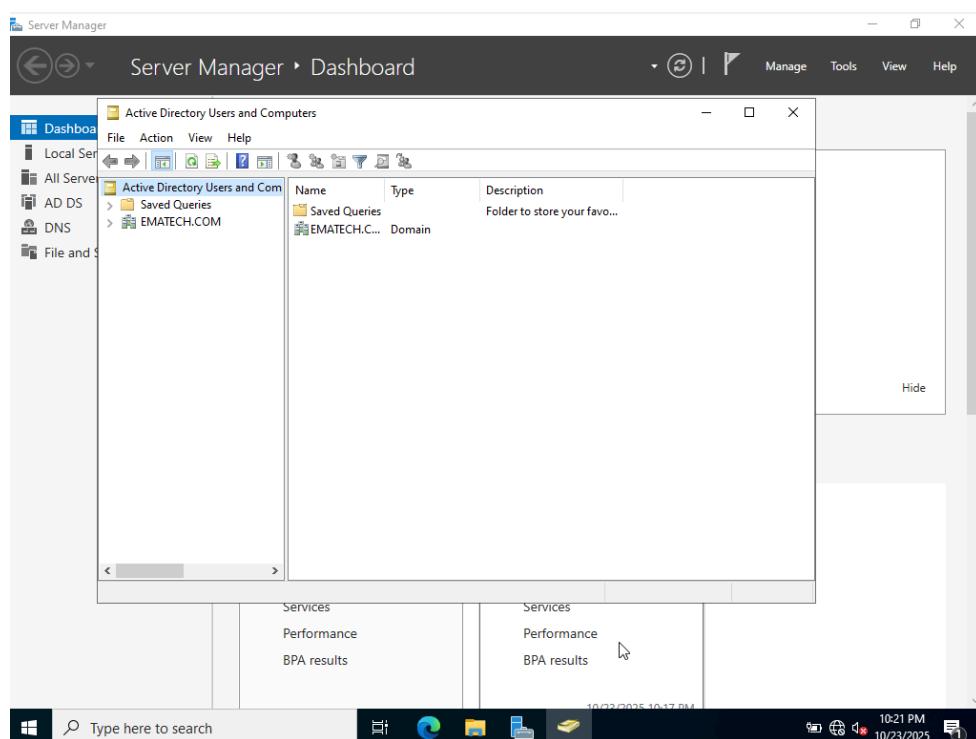
Step 1: Select “Tools”



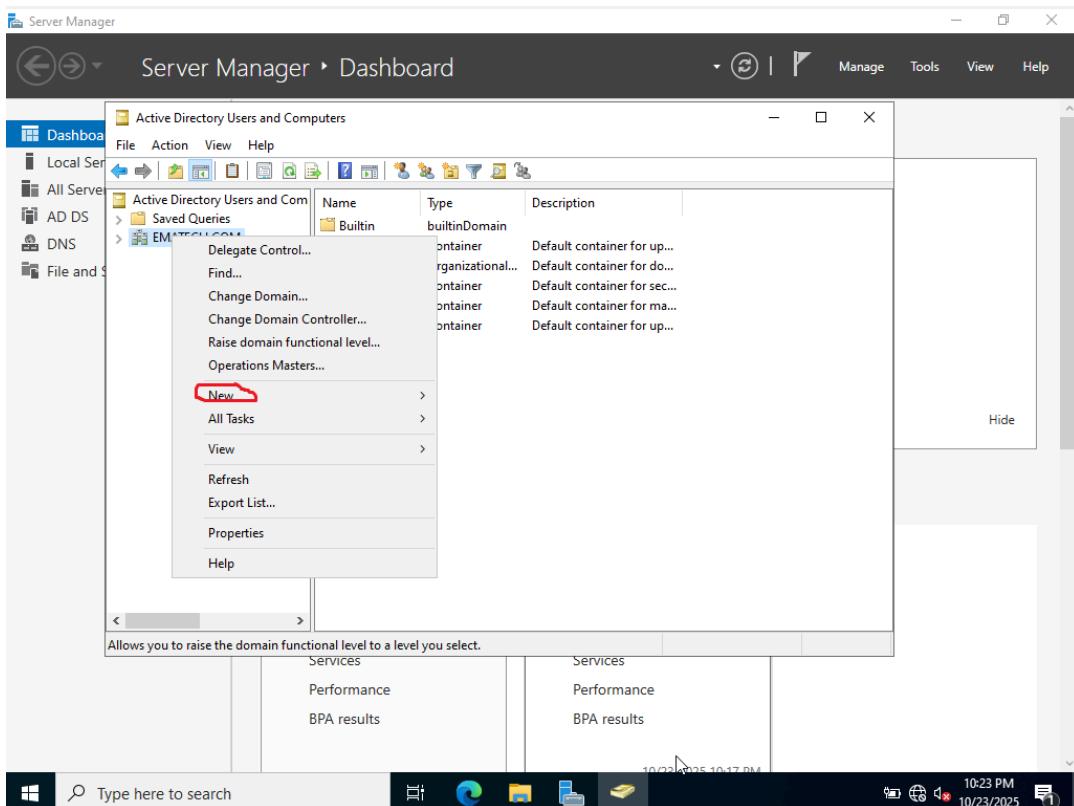
Step 2:



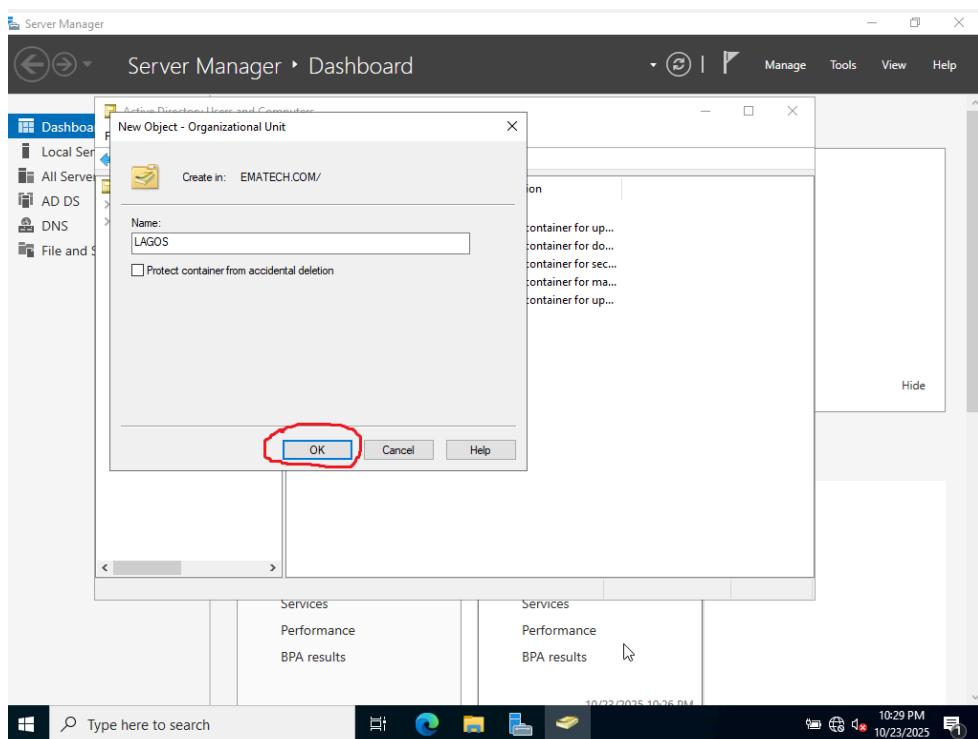
Step 3



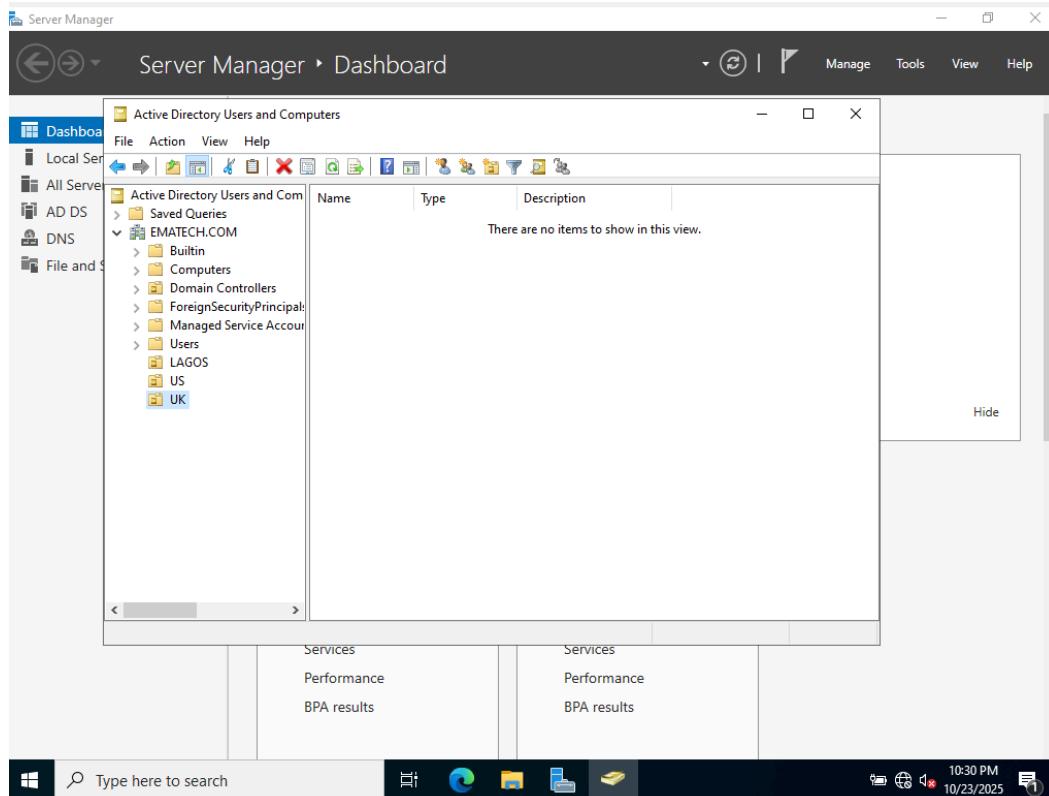
Step 4: Right click on the “[EMATECH.COM](#)” Select “New” and click on Organizational Unit



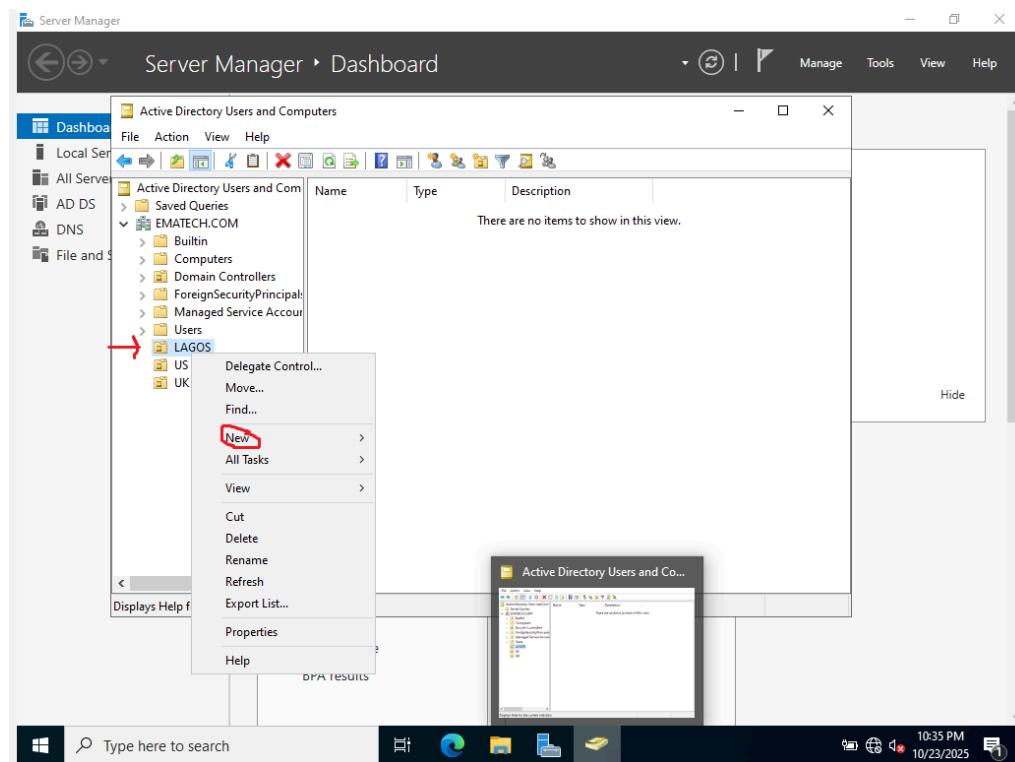
Step 5: For my setup, I will create Organizational Units (OUs) for Lagos, the UK, and the US.



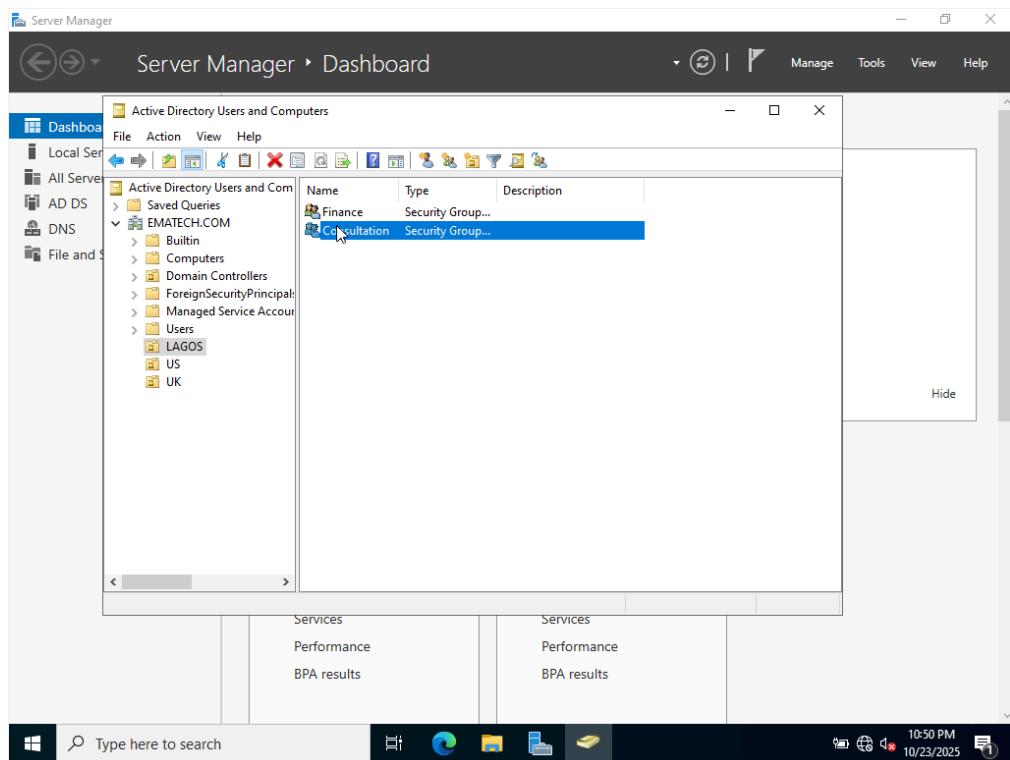
Step 6: I followed the same process for the remaining two.



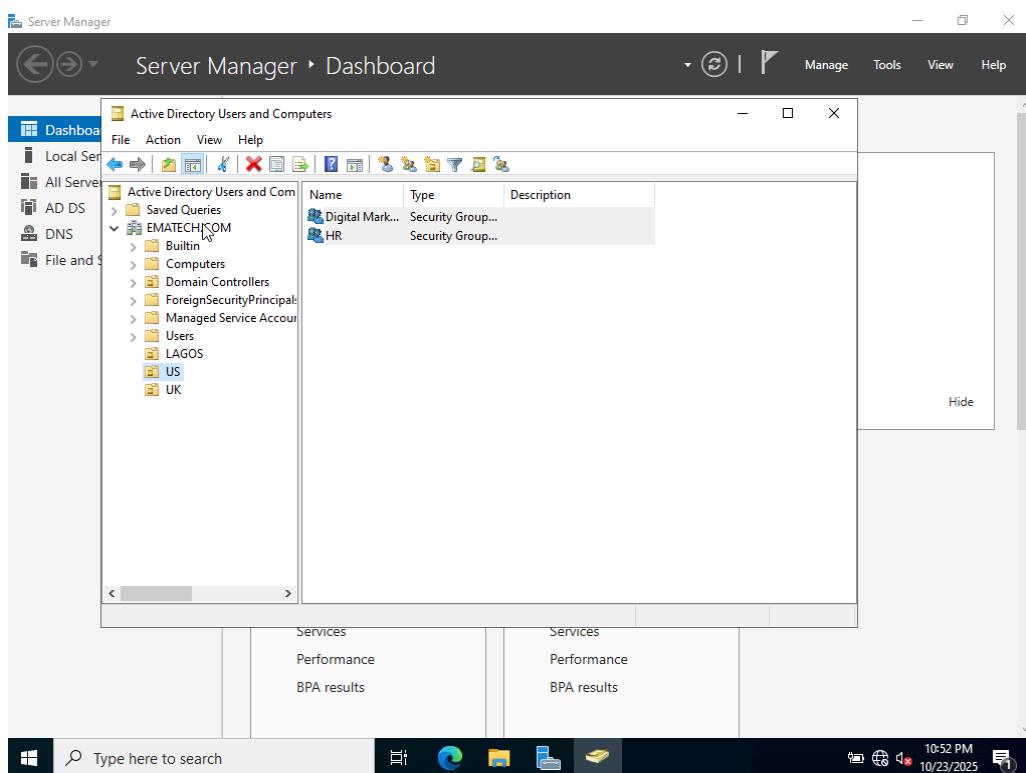
Step 7: Now to create a group under the ‘Lagos’ OU, right-click the OU, select ‘New,’ choose ‘Group,’ and then provide the group name



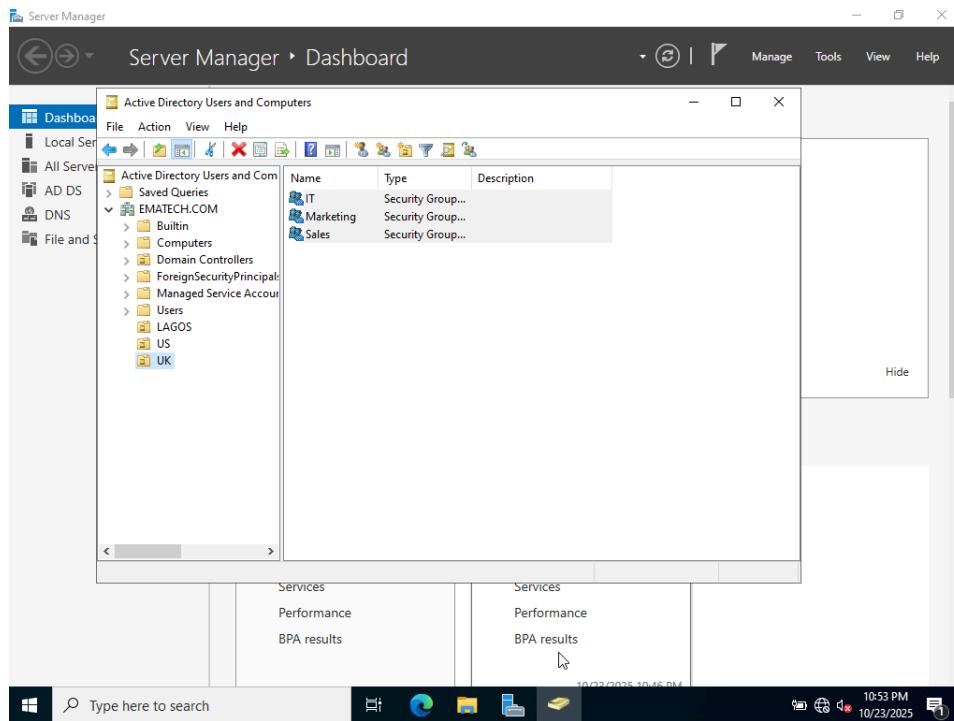
Step 8



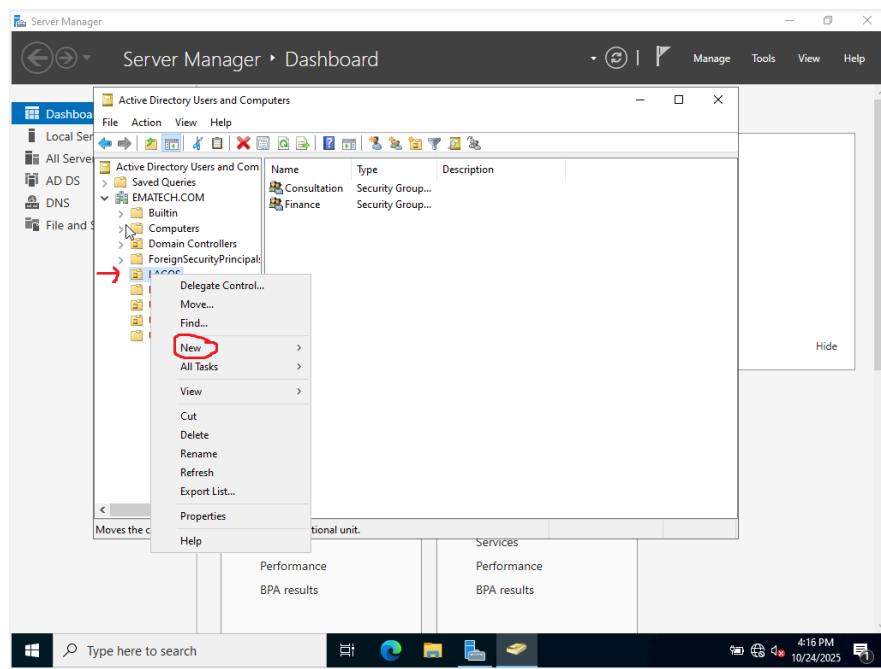
Step 9



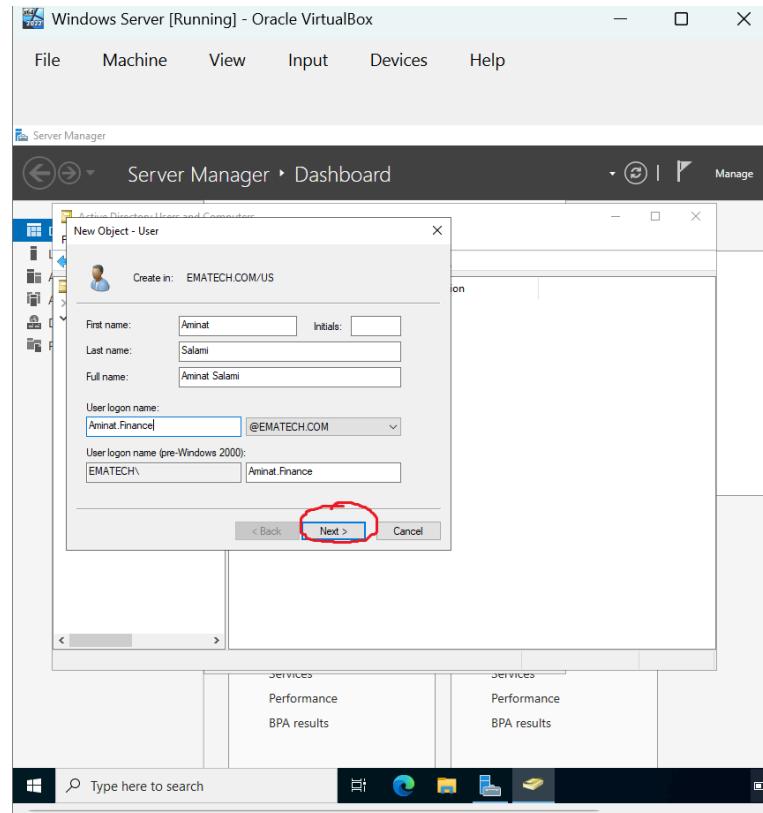
Step 11



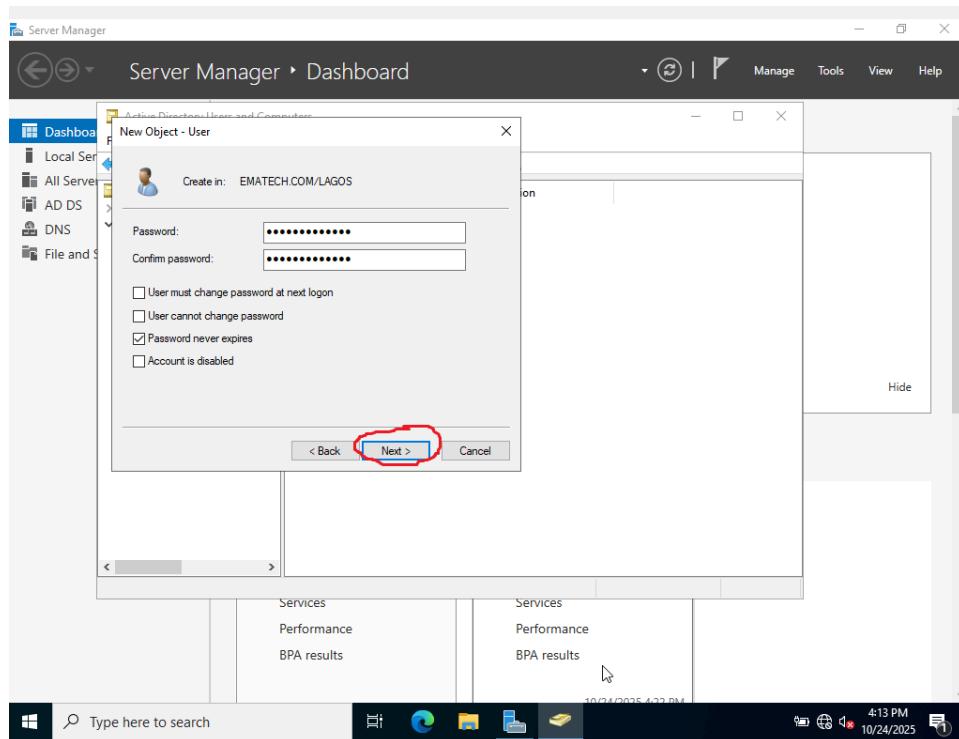
Step 12: To create the Users, Right- Click on the “OU” go to New and select “User”



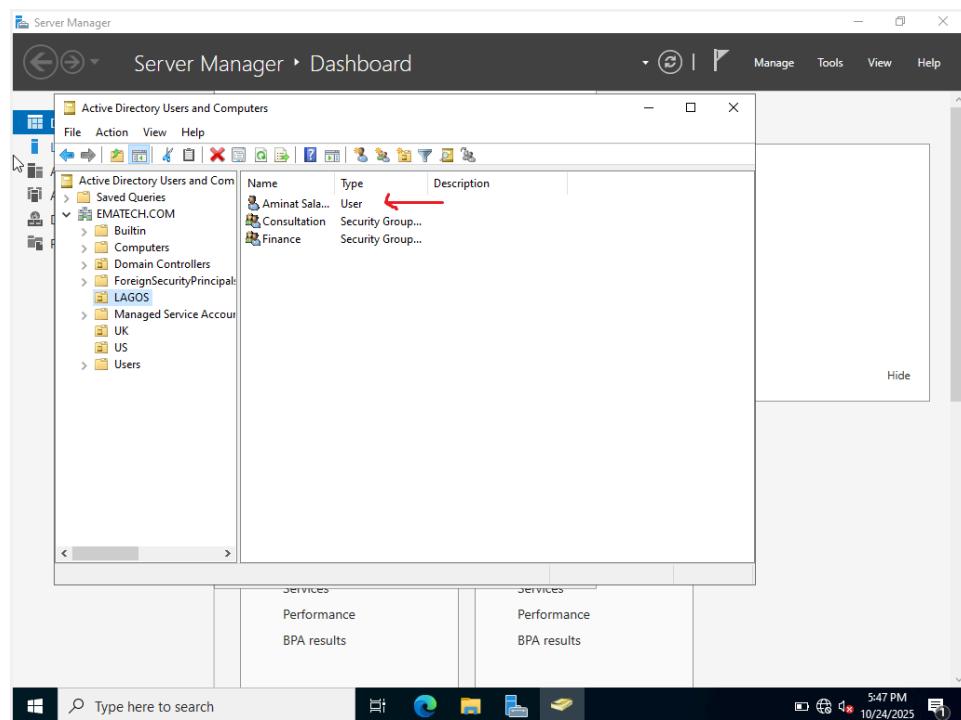
Step 13: Fill the User Information and select “Next”



Step 14: Enter User Password and select “Next”

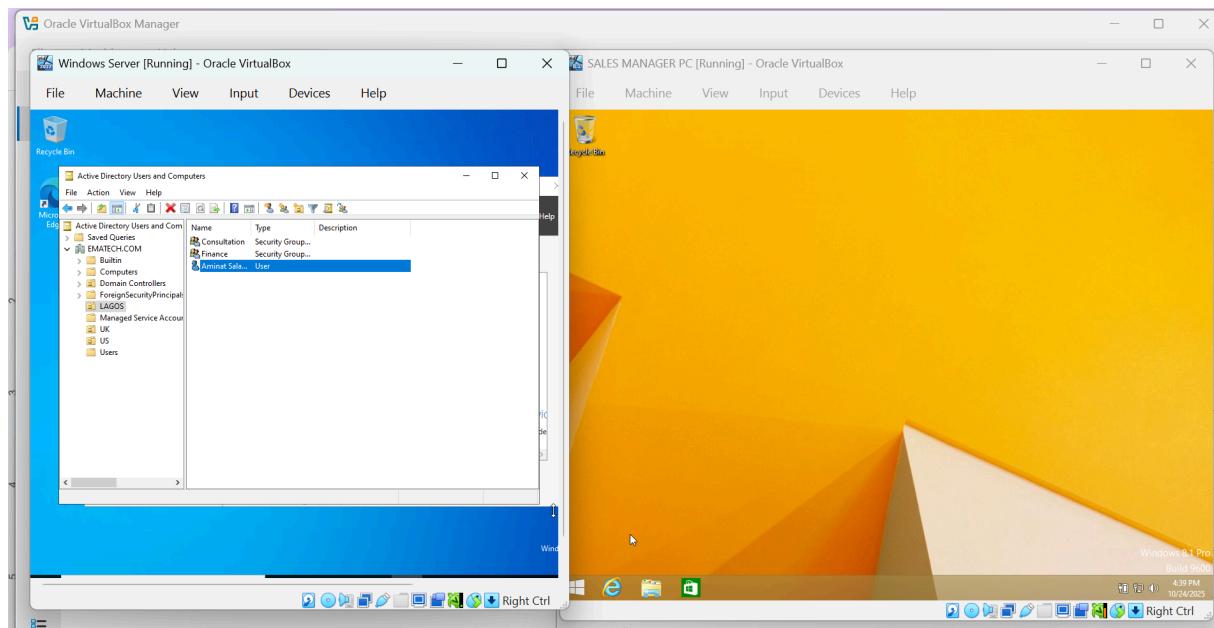


Step 15: User successfully Created

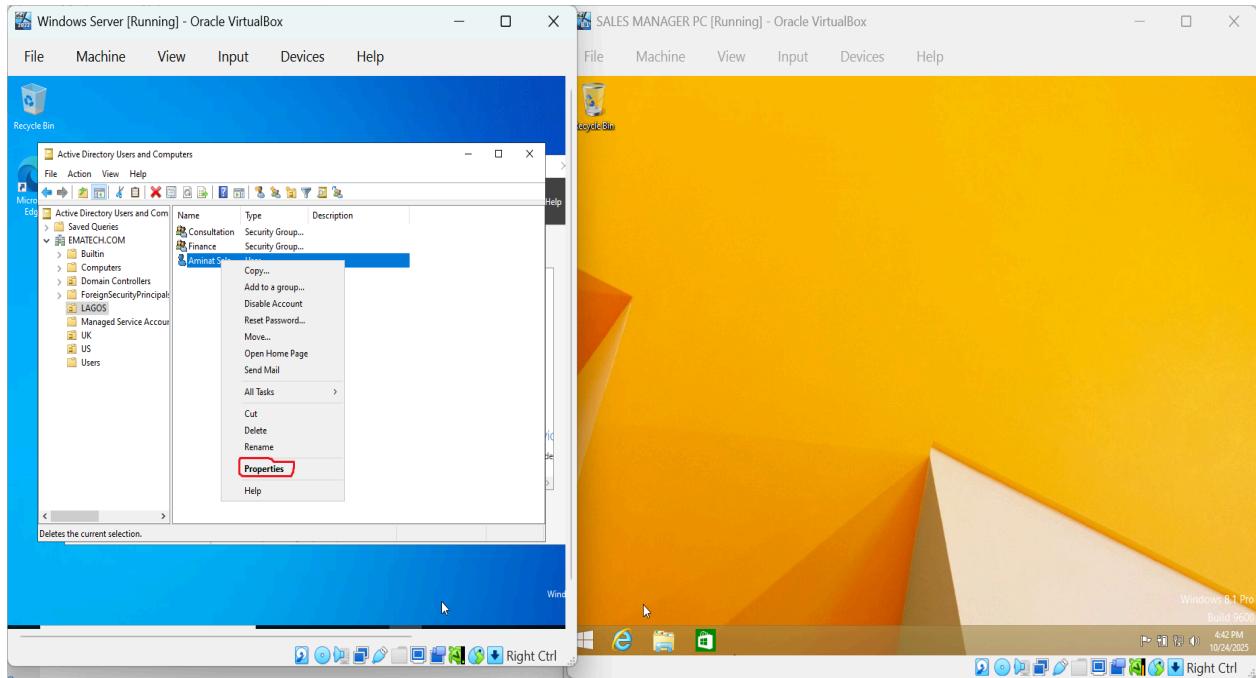


Let's Configure the Window 8 User's PC to the Windows Server Active Directory Domain

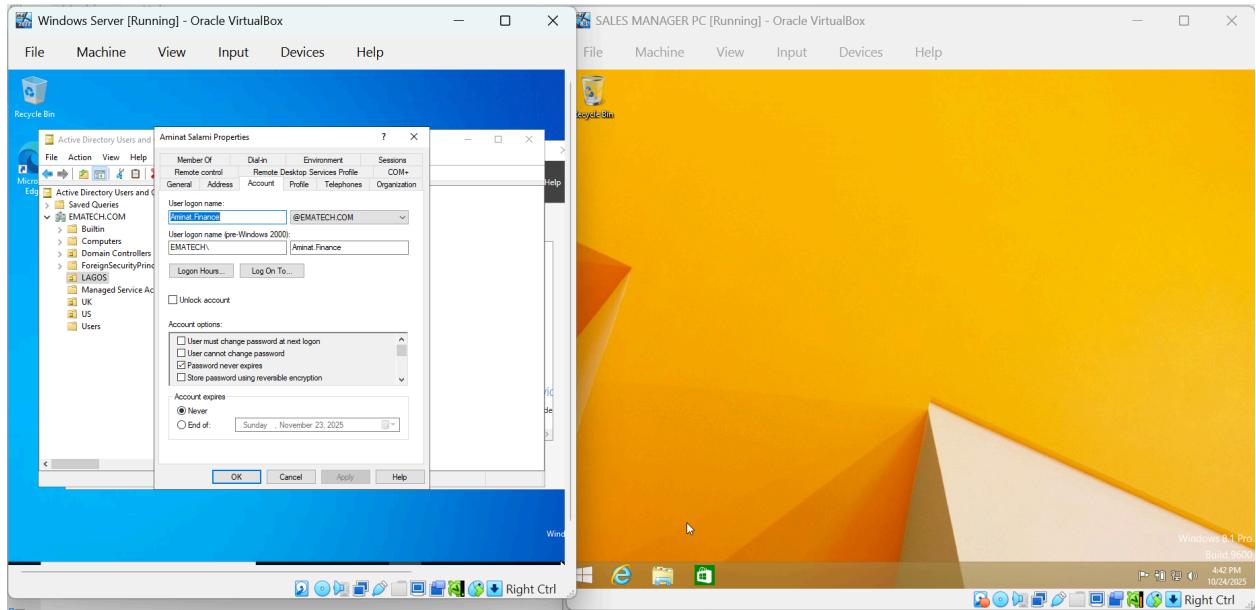
Step 1



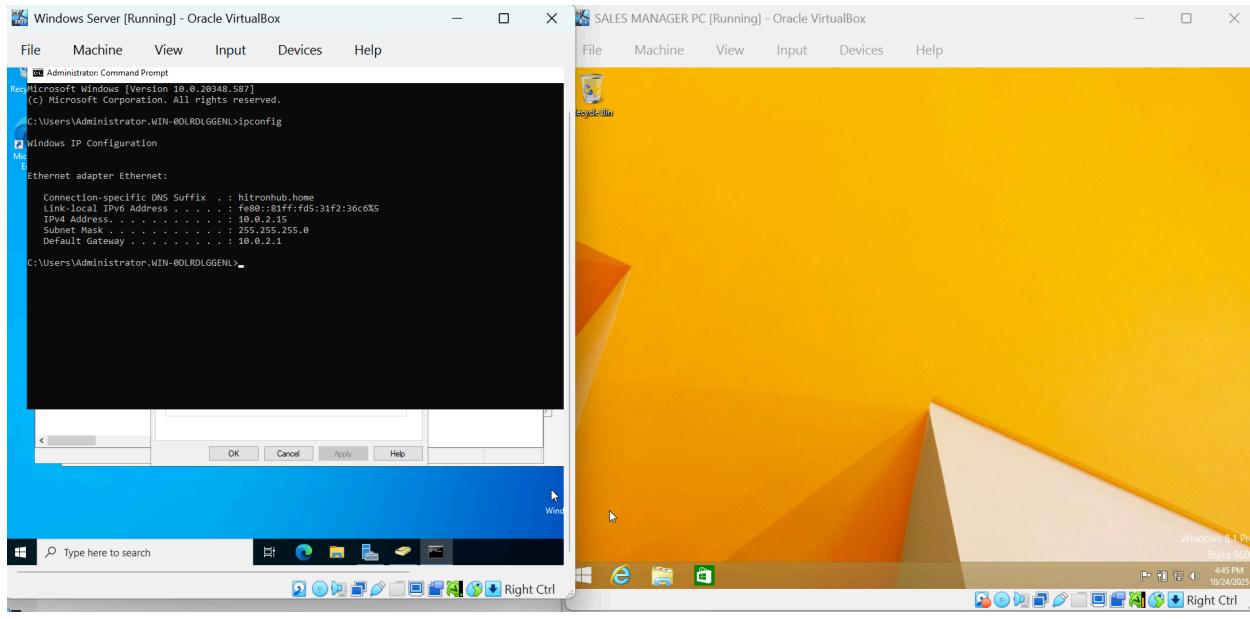
Step 2: Right-Click on user and select “Properties”



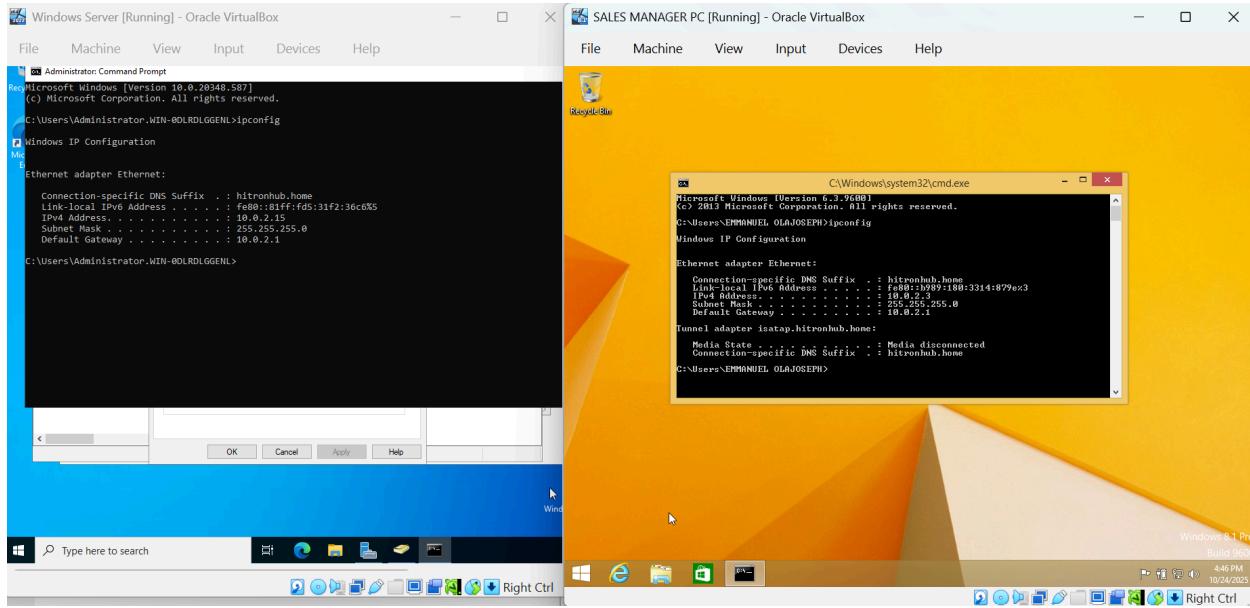
Step 3



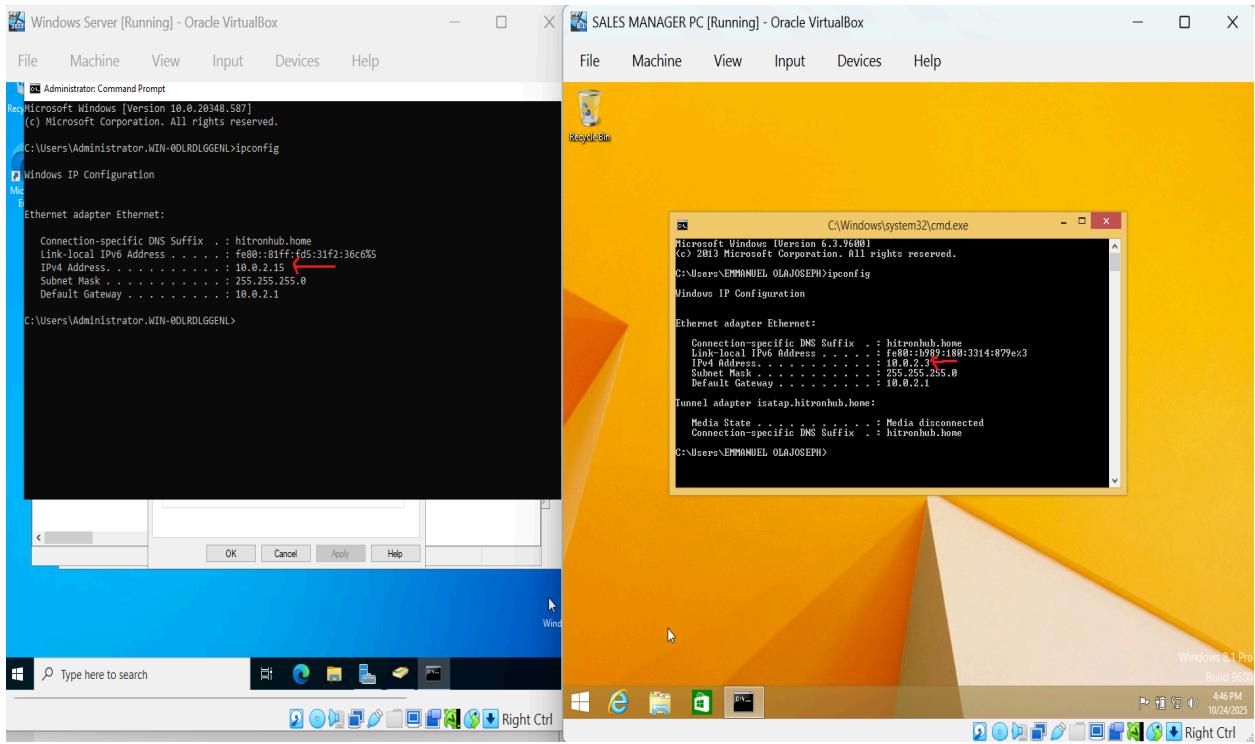
Step 4: On the Windows Server, press **Windows key + R**, type **cmd**, and press **Enter**. In the Command Prompt window, type “**ipconfig**” and press **Enter** to view the server’s IP configuration.



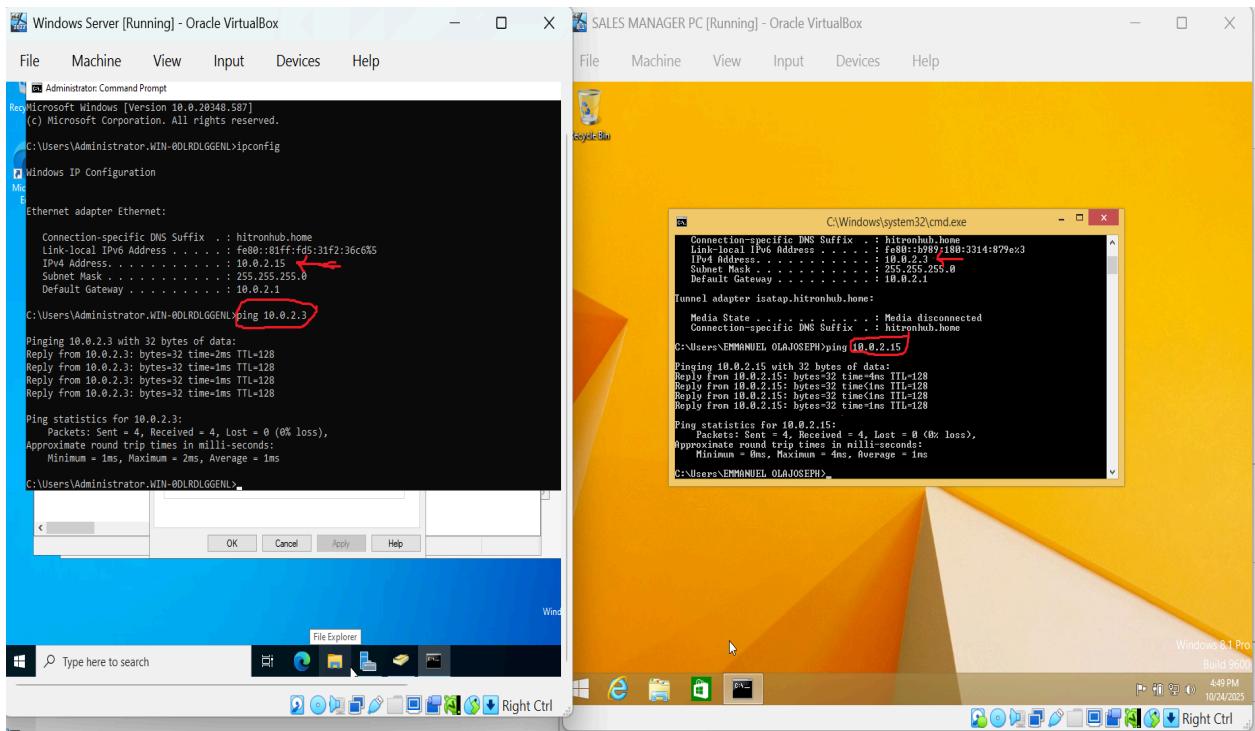
Step 5: Do the same for the Window 8 PC to view the IP address



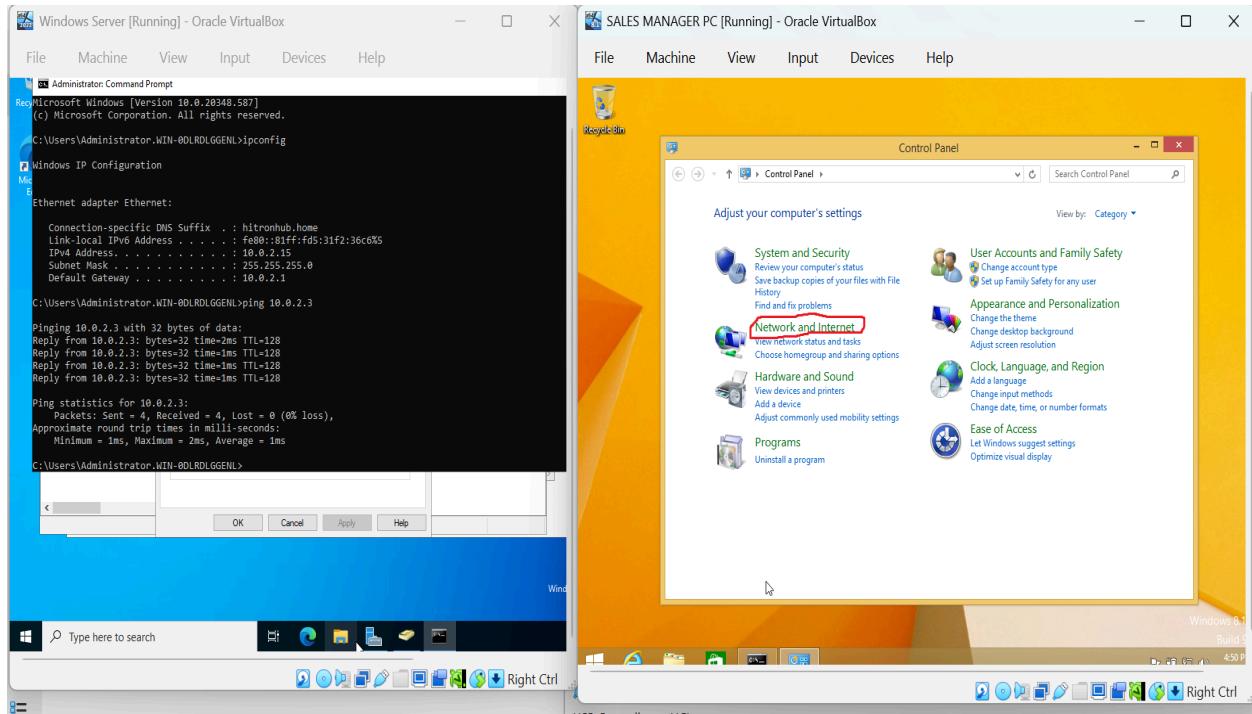
Step 6: Both IP Addresses



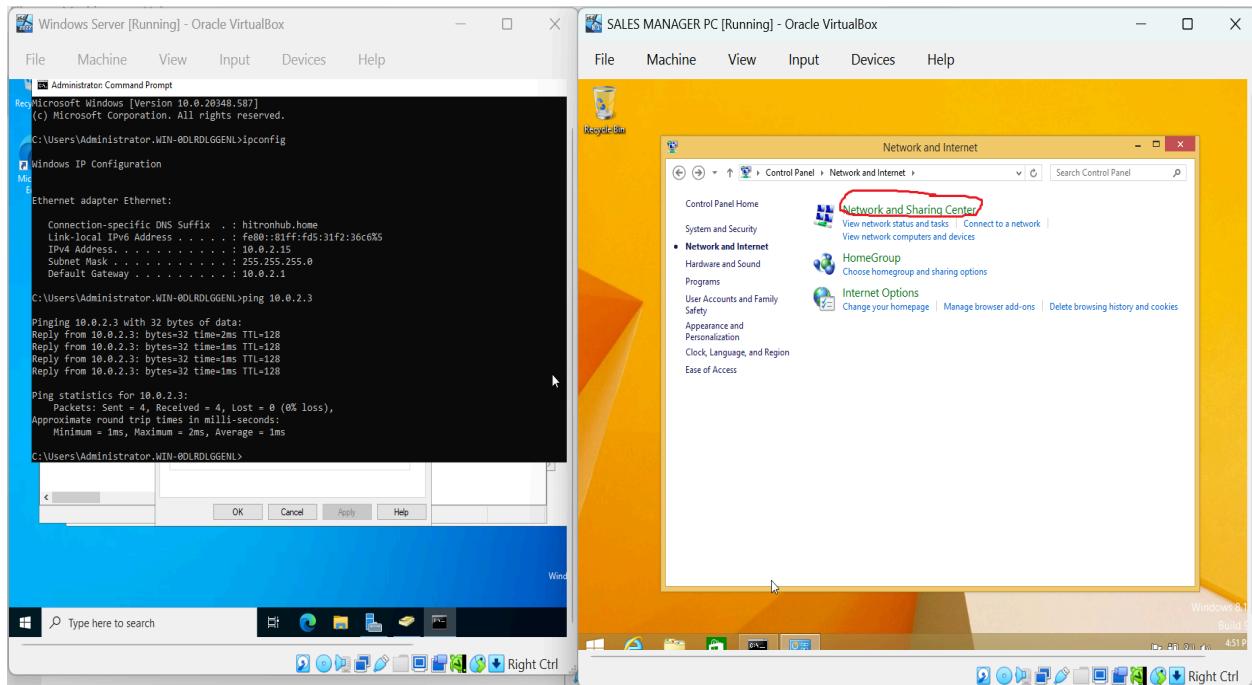
Step 7: Ping both IP addresses to each other



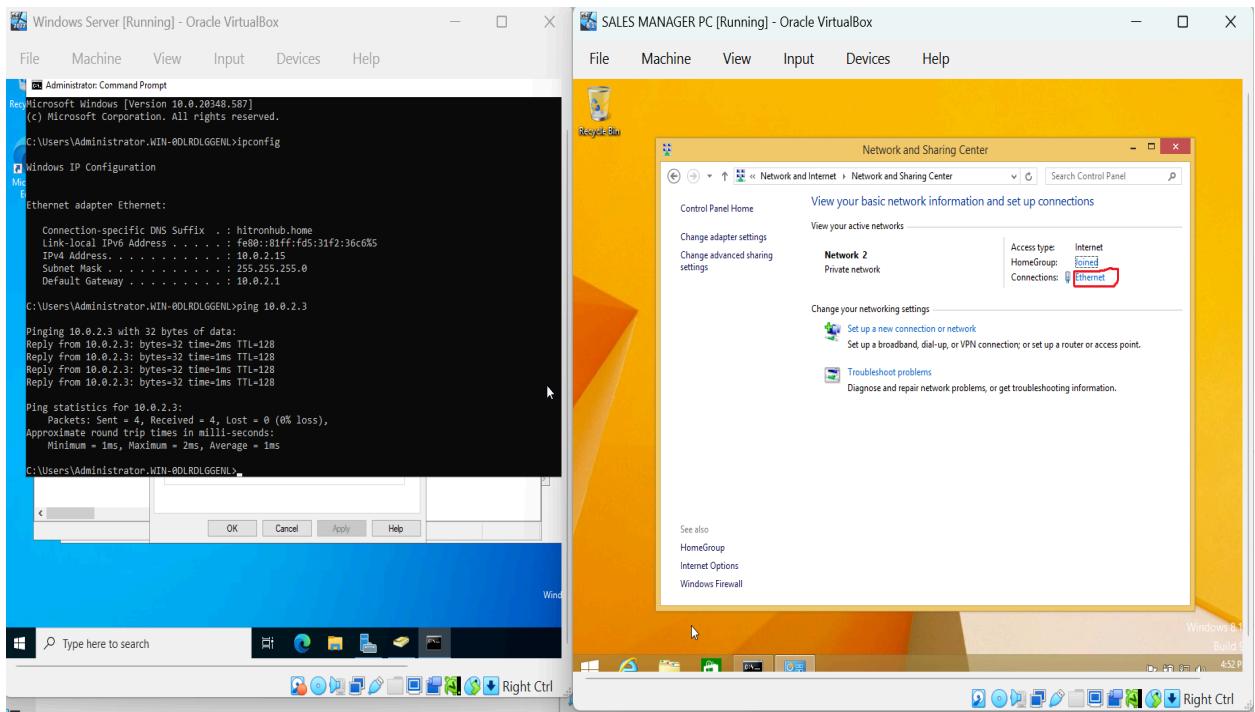
Step 8



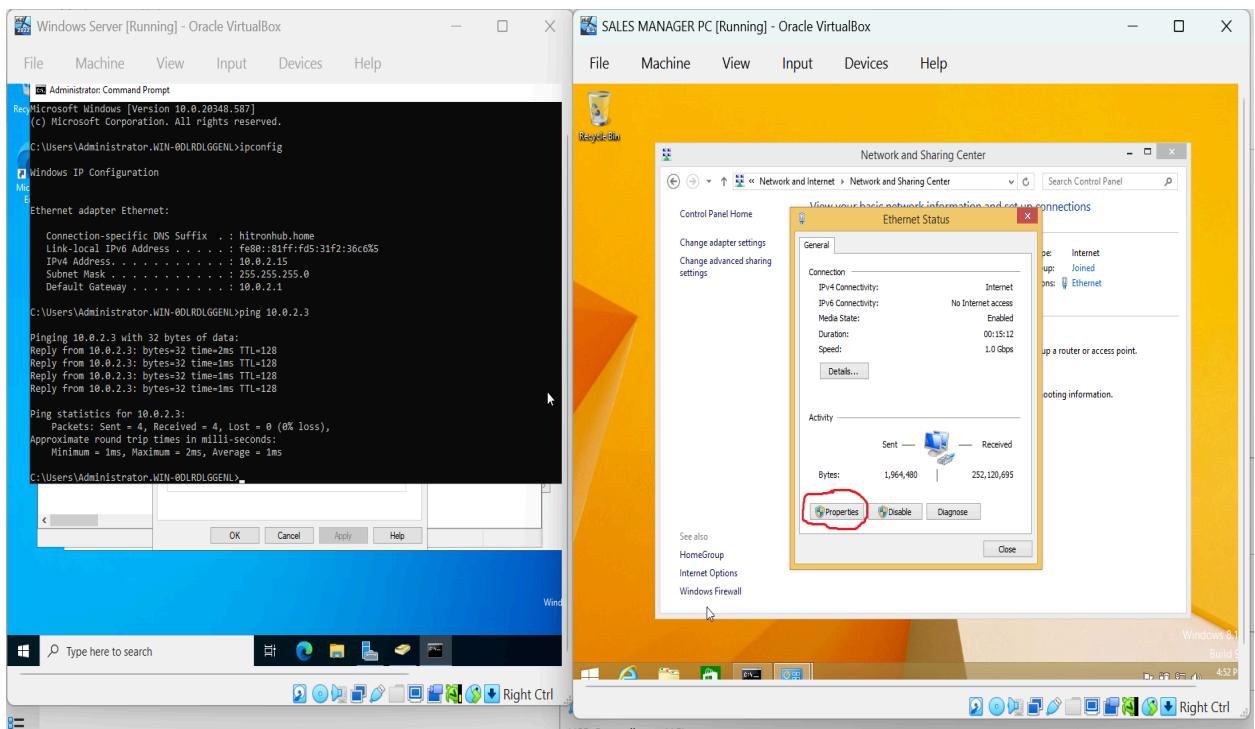
Step 9



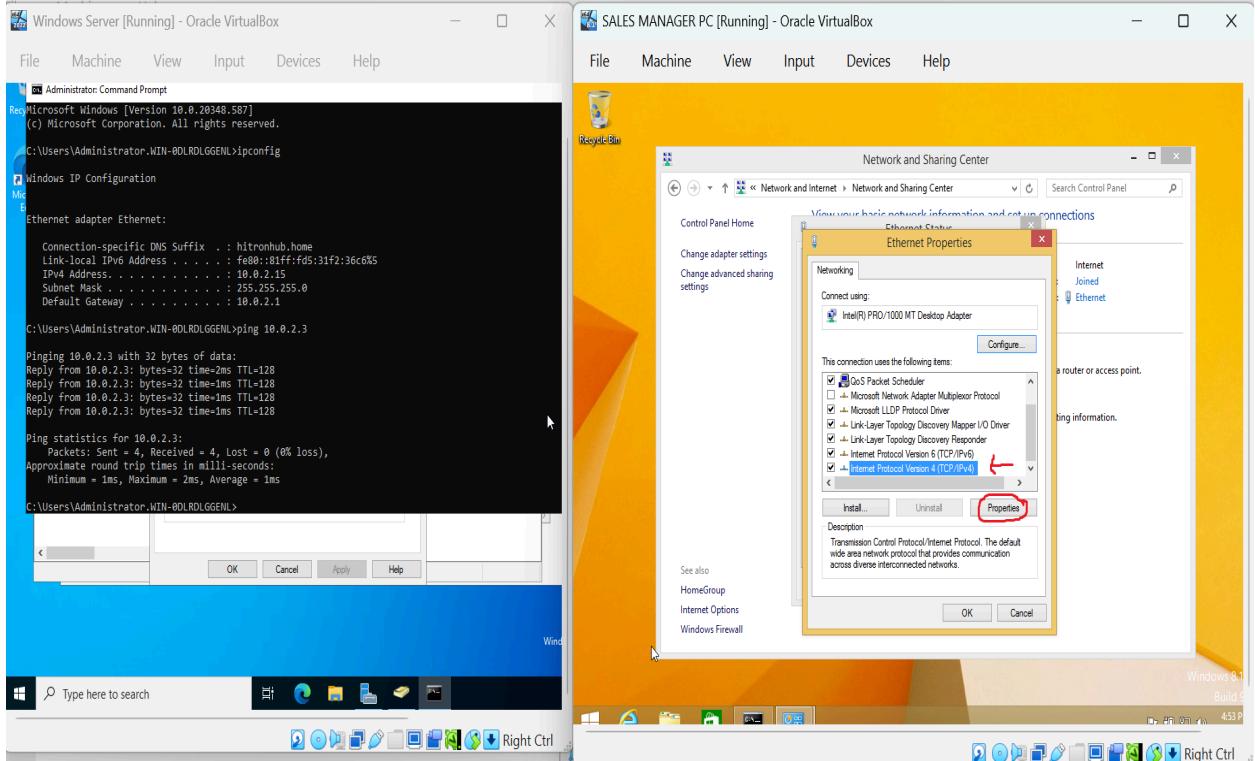
Step 10



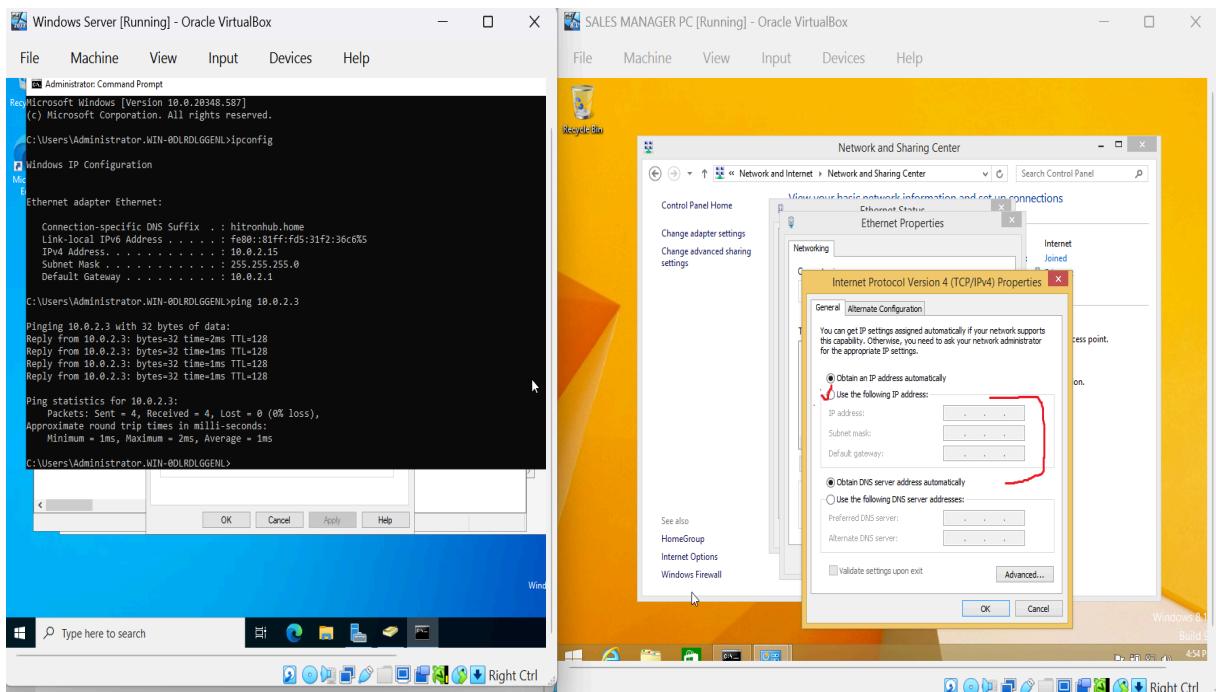
Step 11



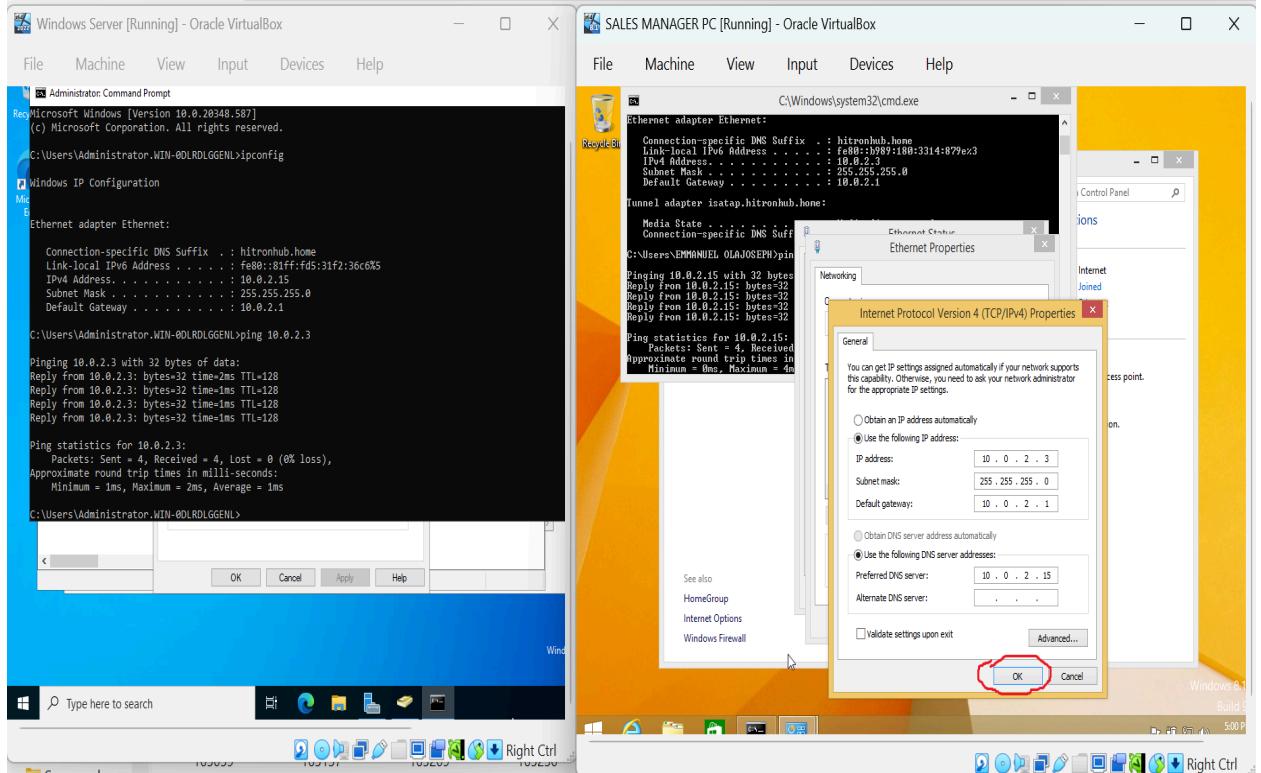
Step 12



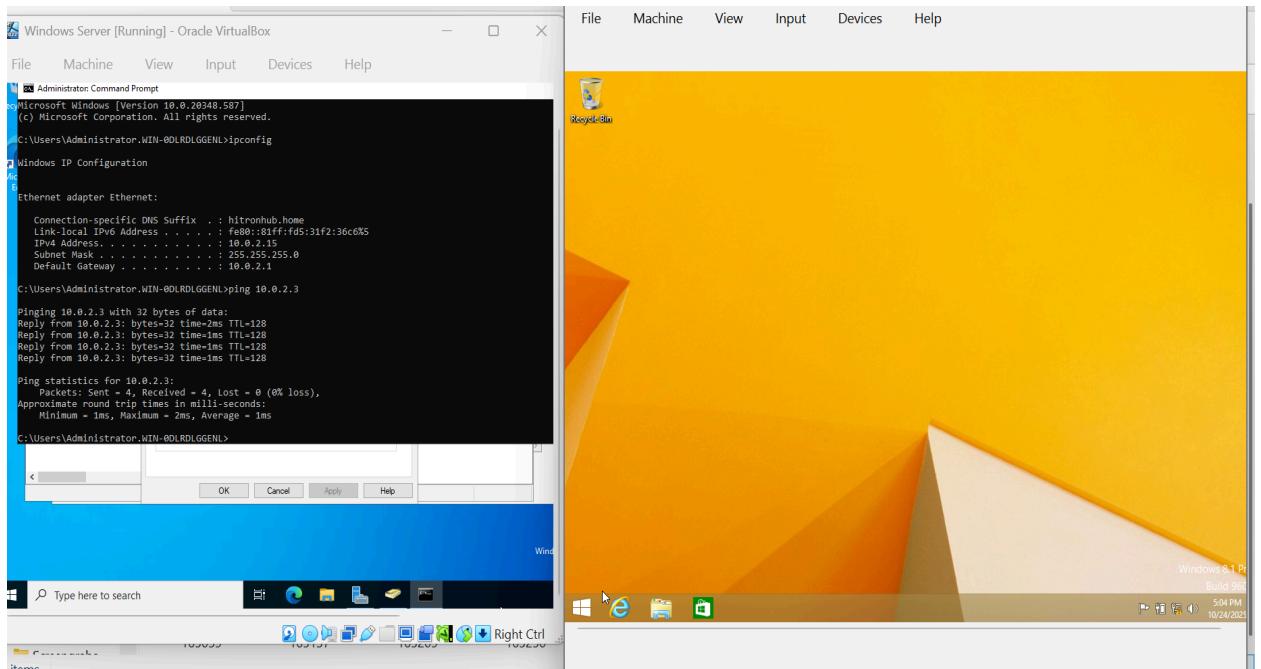
Step 13: Click “Use the following IP Address”



Step 15: Enter the “IP Address” of the Window Server to the Window 8 PC

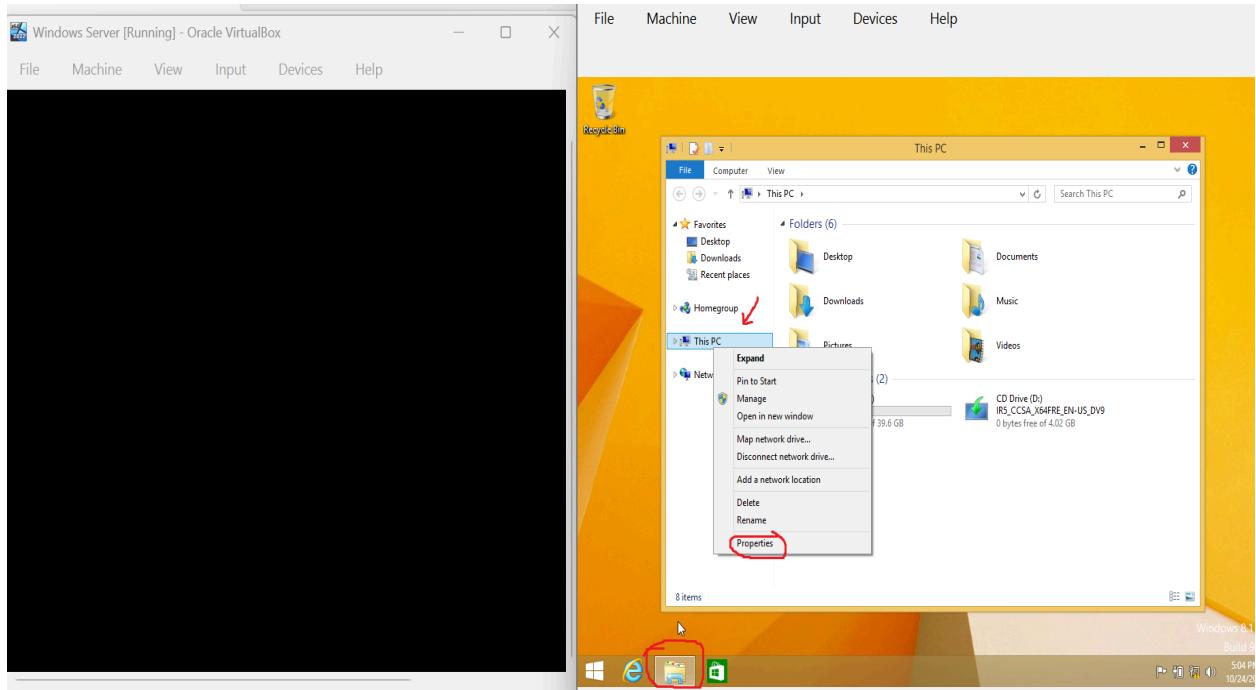


Step 16

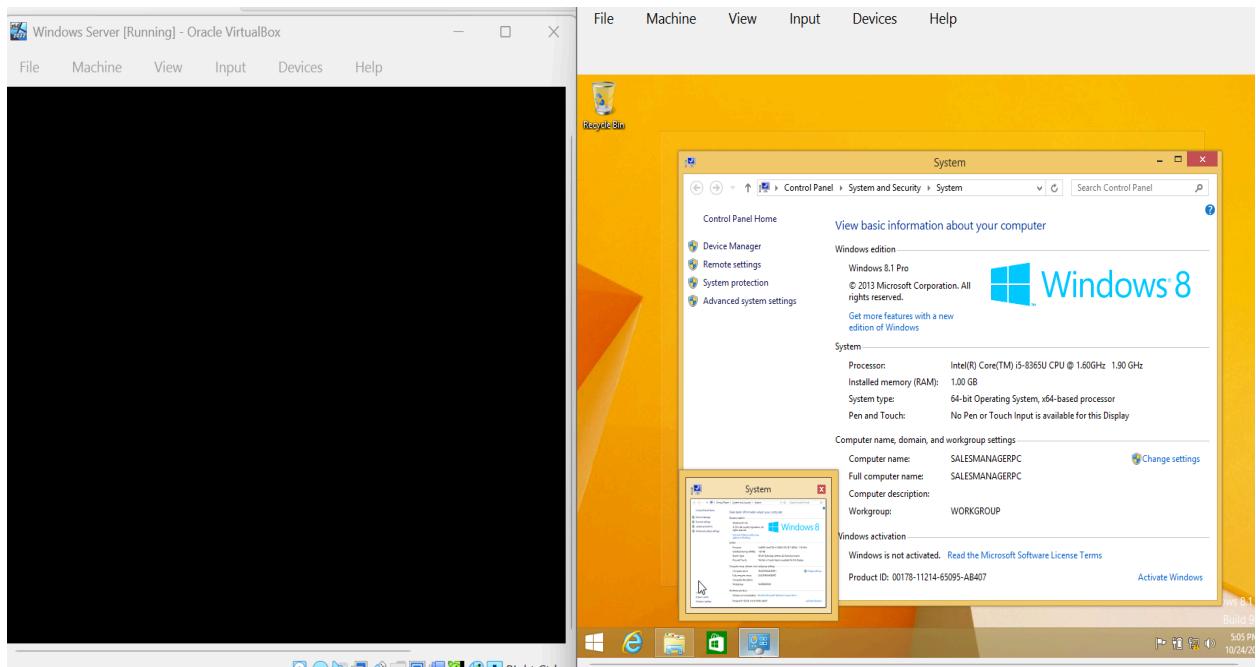


Step 17

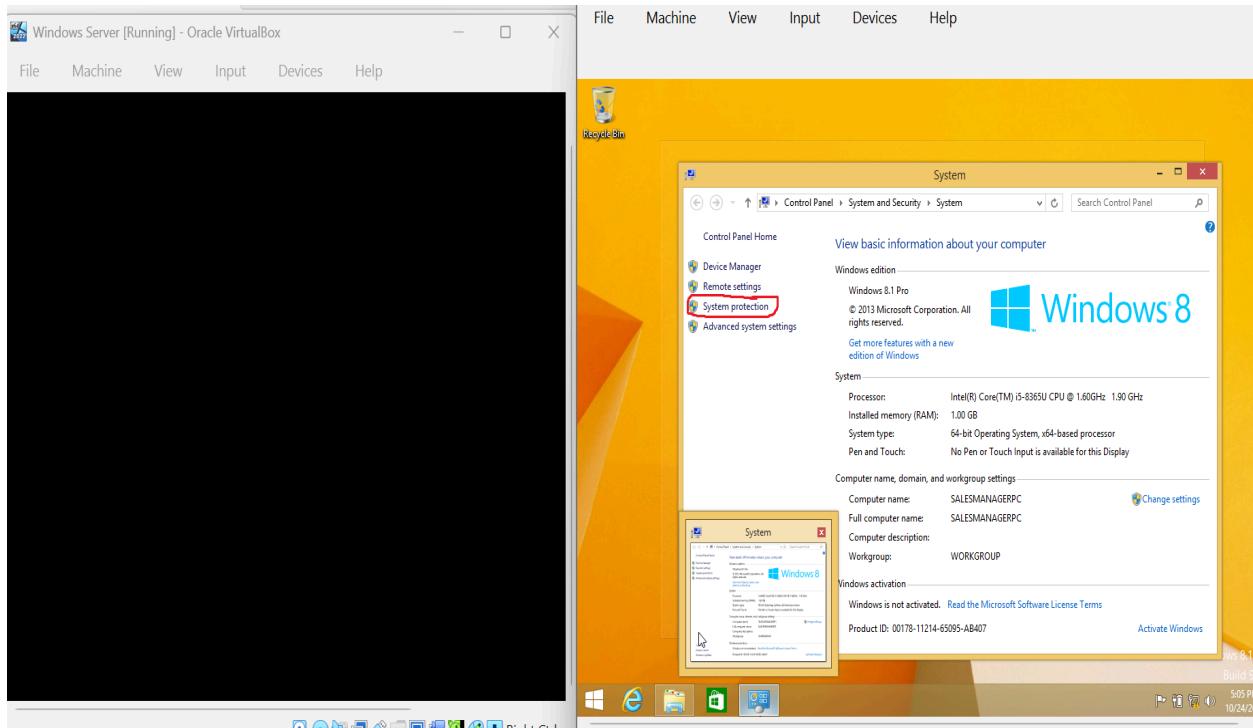
Click on the file explorer and right-click on “The PC” and select “Properties”



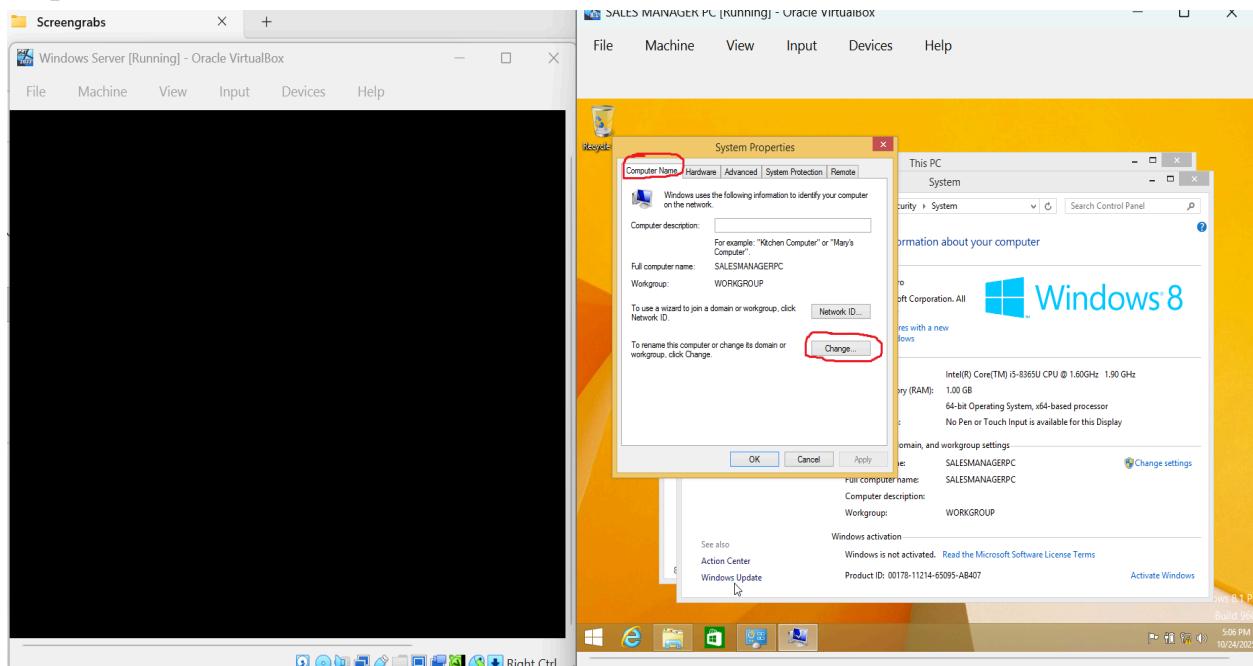
Step 18



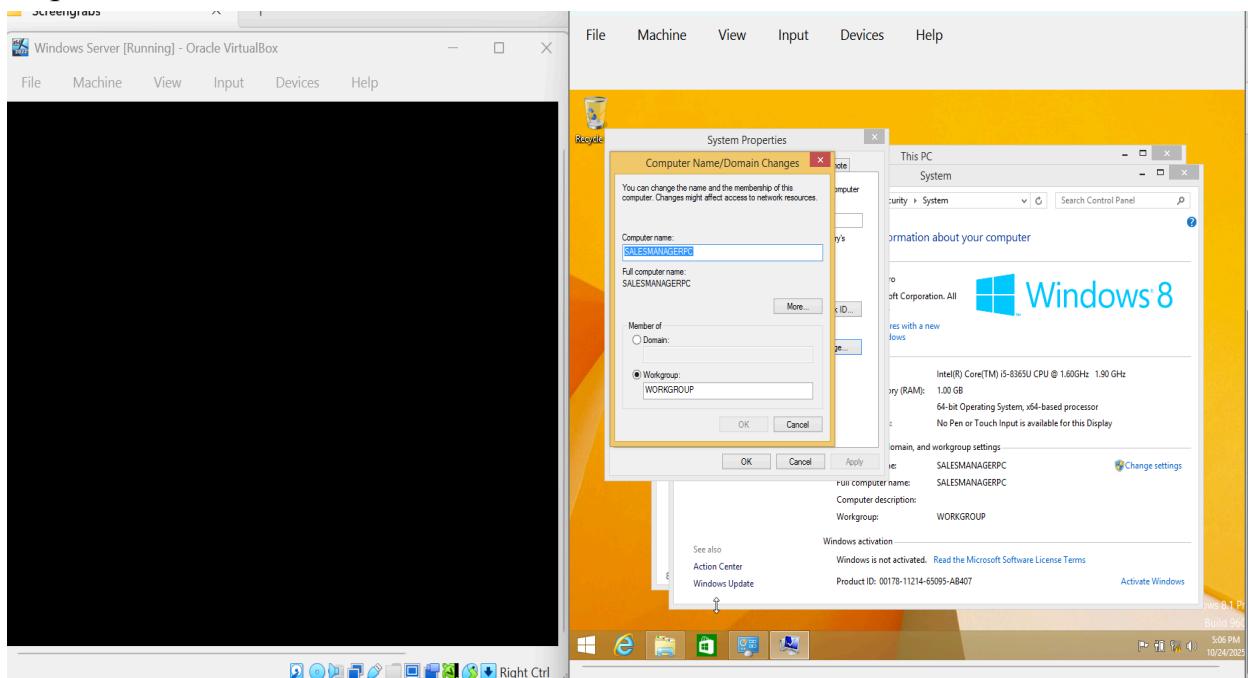
Step 19



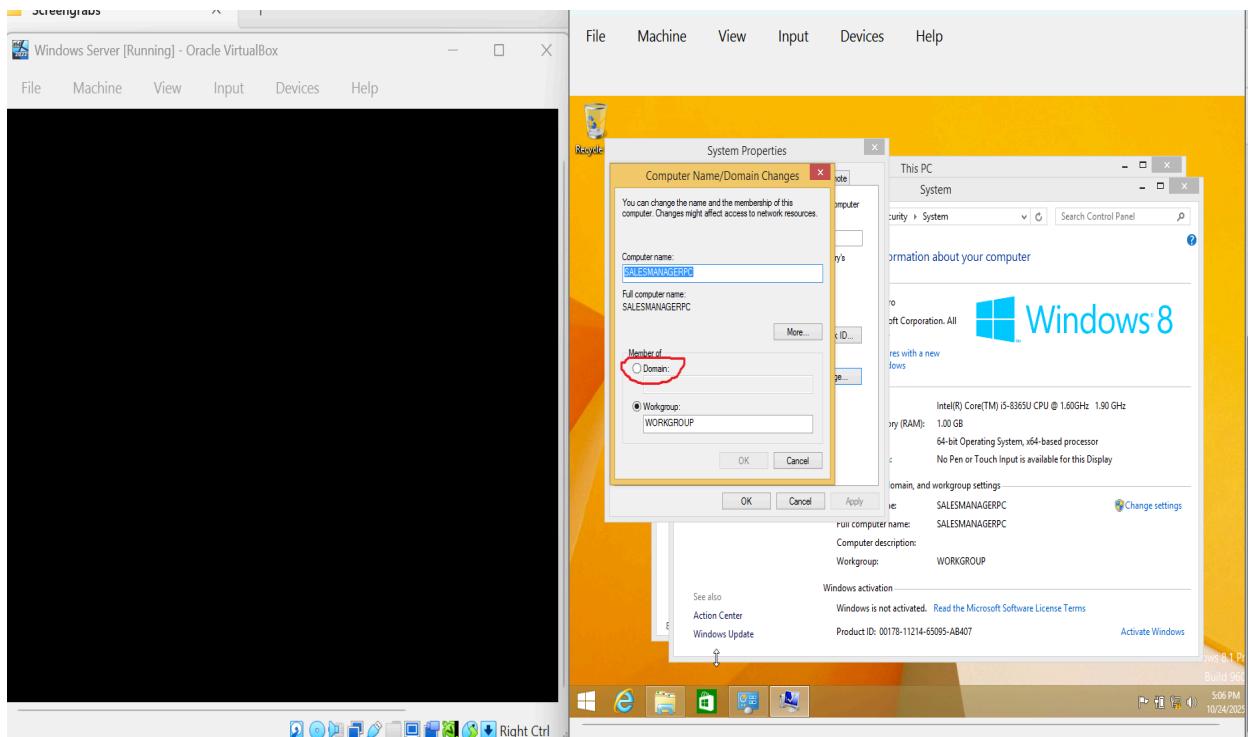
Step 20



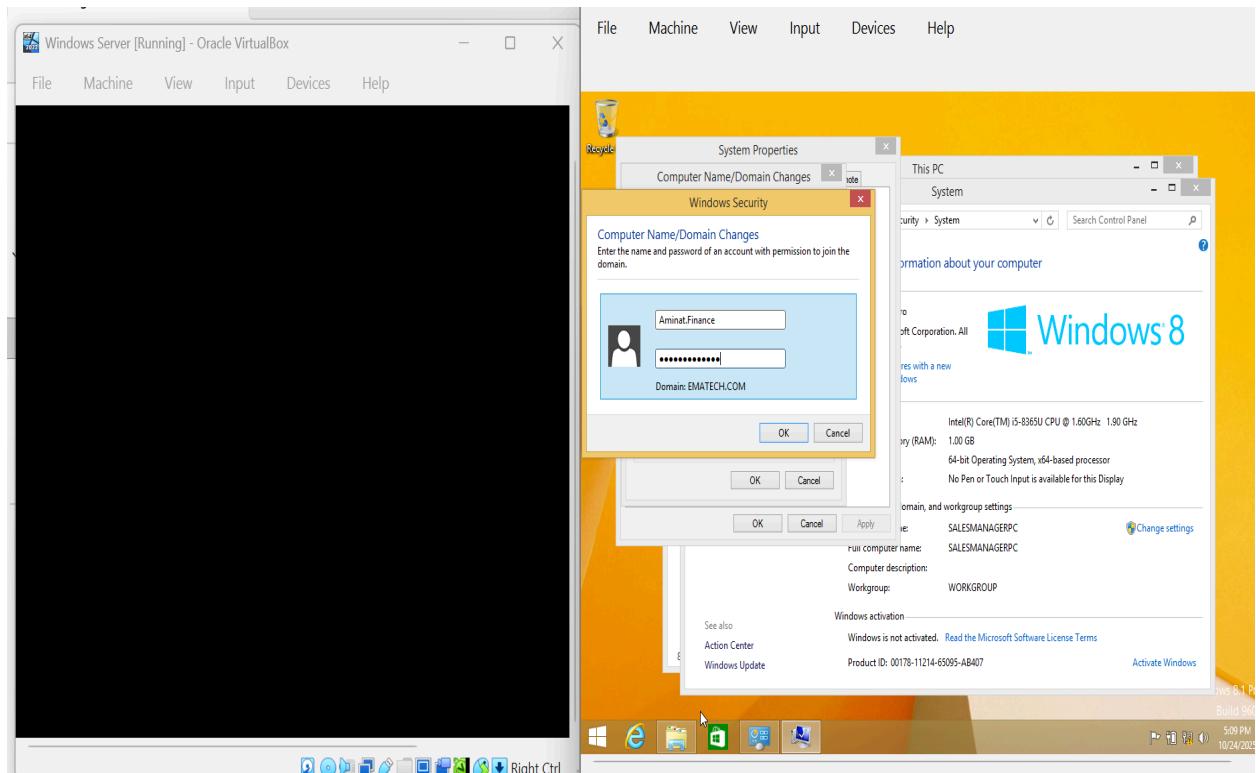
Step 21



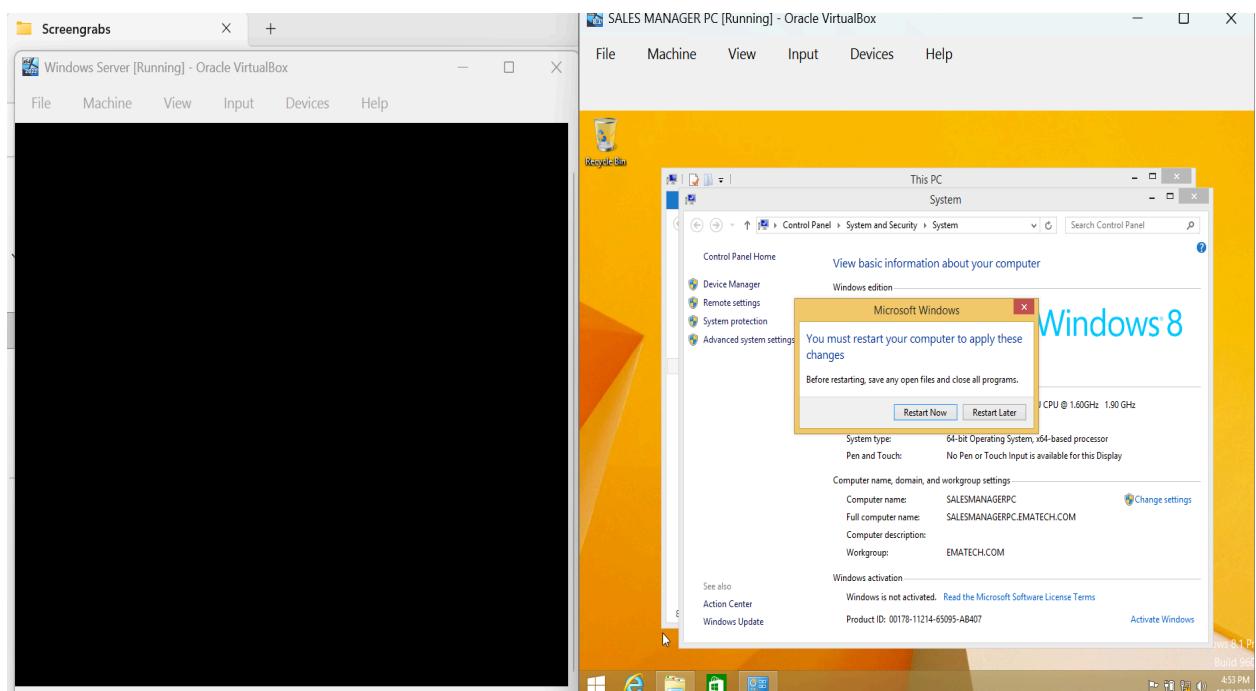
Step 22: Click on “ Domain” to enter “EMATECH.COM” Active Directory Window Server Domain



Step 23: Enter the user “username and password”



Step 24: Click to Restart



Step 25

