Module Code & Module Title
Level 5 – Network Operating Systems

Assessment Type
Logbook 5
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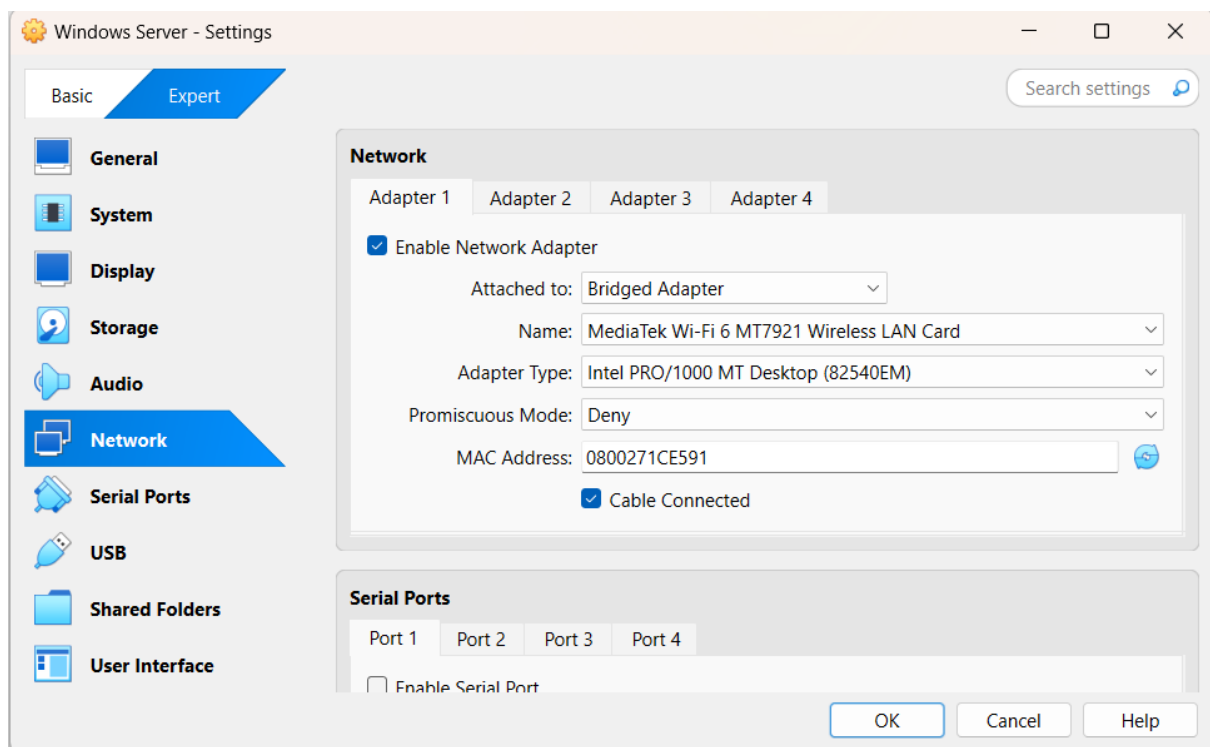
Submitted To: Sarika Dahal

Word Count (Where Required):520

Objective : The main objective of this workshop is to host static websites in guest OS which is windows server 2022 and access it from host OS as well as from other computer devices within the same LAN.
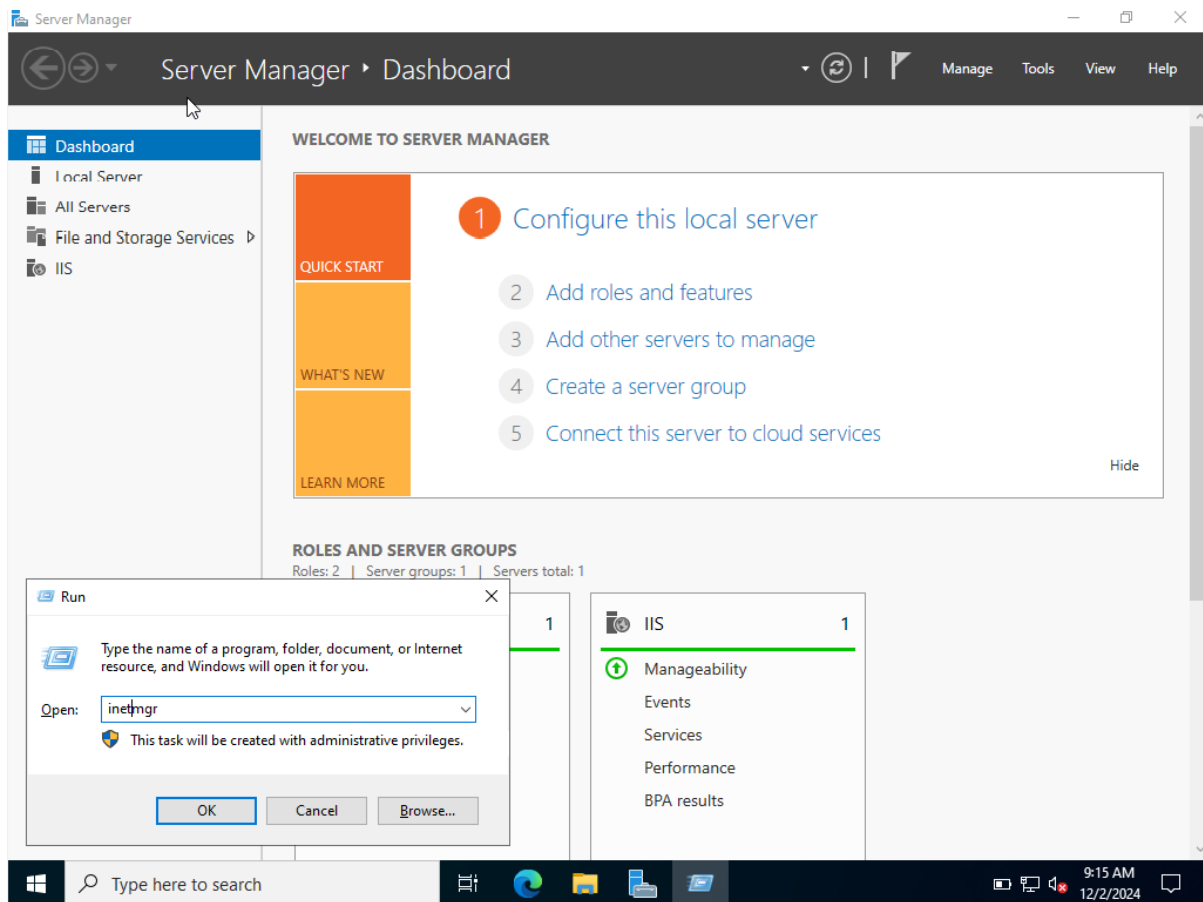
Another objective of this workshop is to enable remote desktop features in windows server 2022 and access it from host OS.

Step 1 : Open VirtualBox, go to setting and click on Network , select Bridged Adapter.

Figure 1: Select bridged adapter

Step 2 : Open Run and type inetmgr , it opens internet information service(IIS manager) and setup hosting.

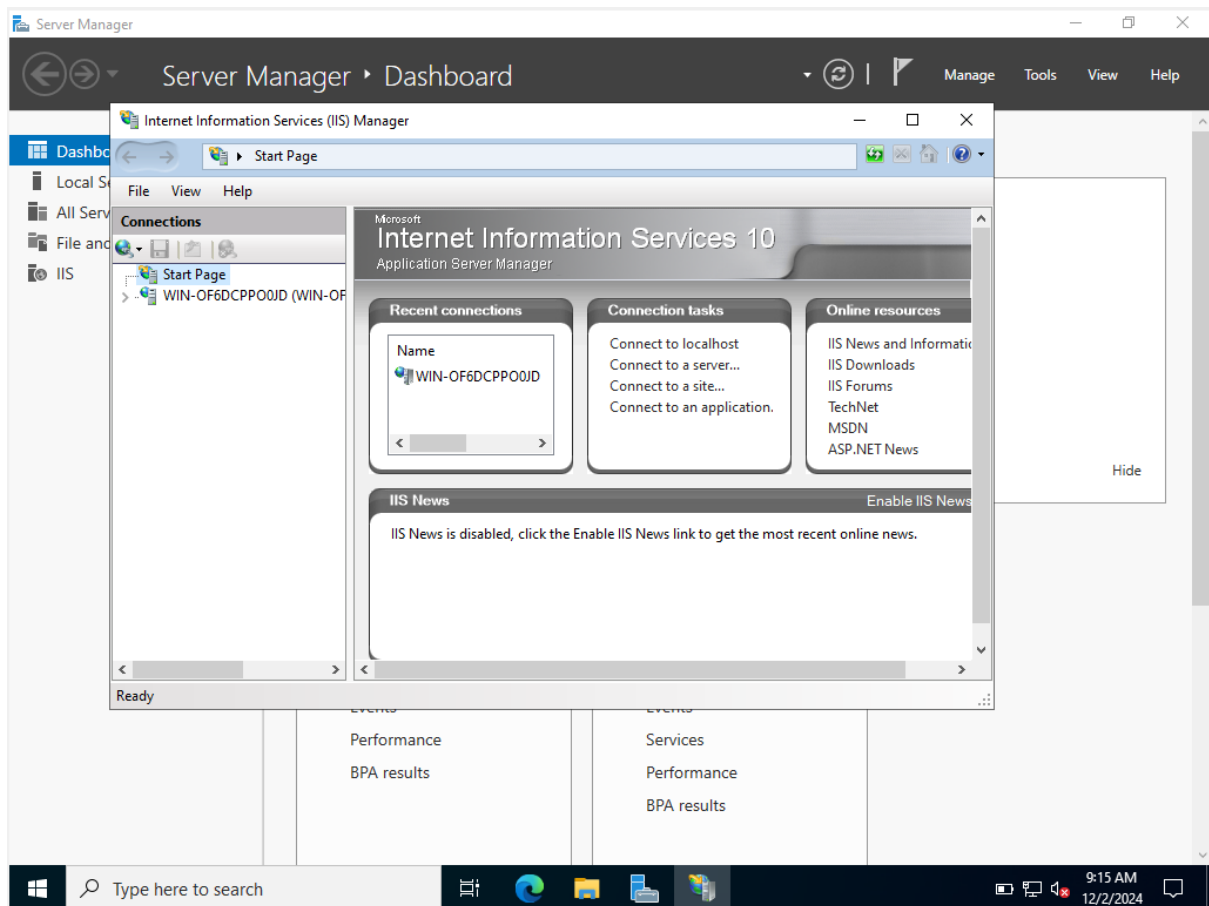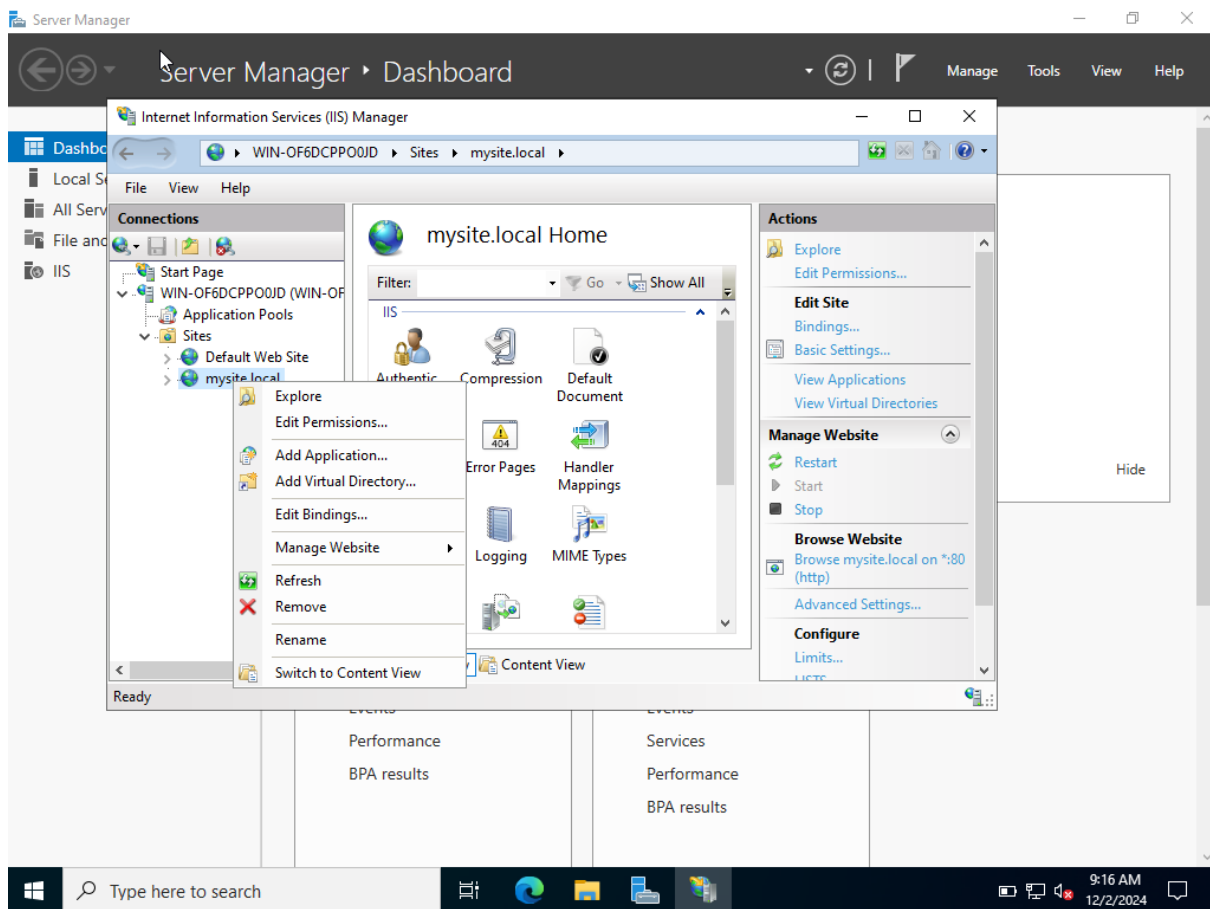*Figure 2: Run "inetmgr" to open IIS manager*

Figure 3: Opened IIS Manager

Step 3 : Go to Sites and delete all site created last week.

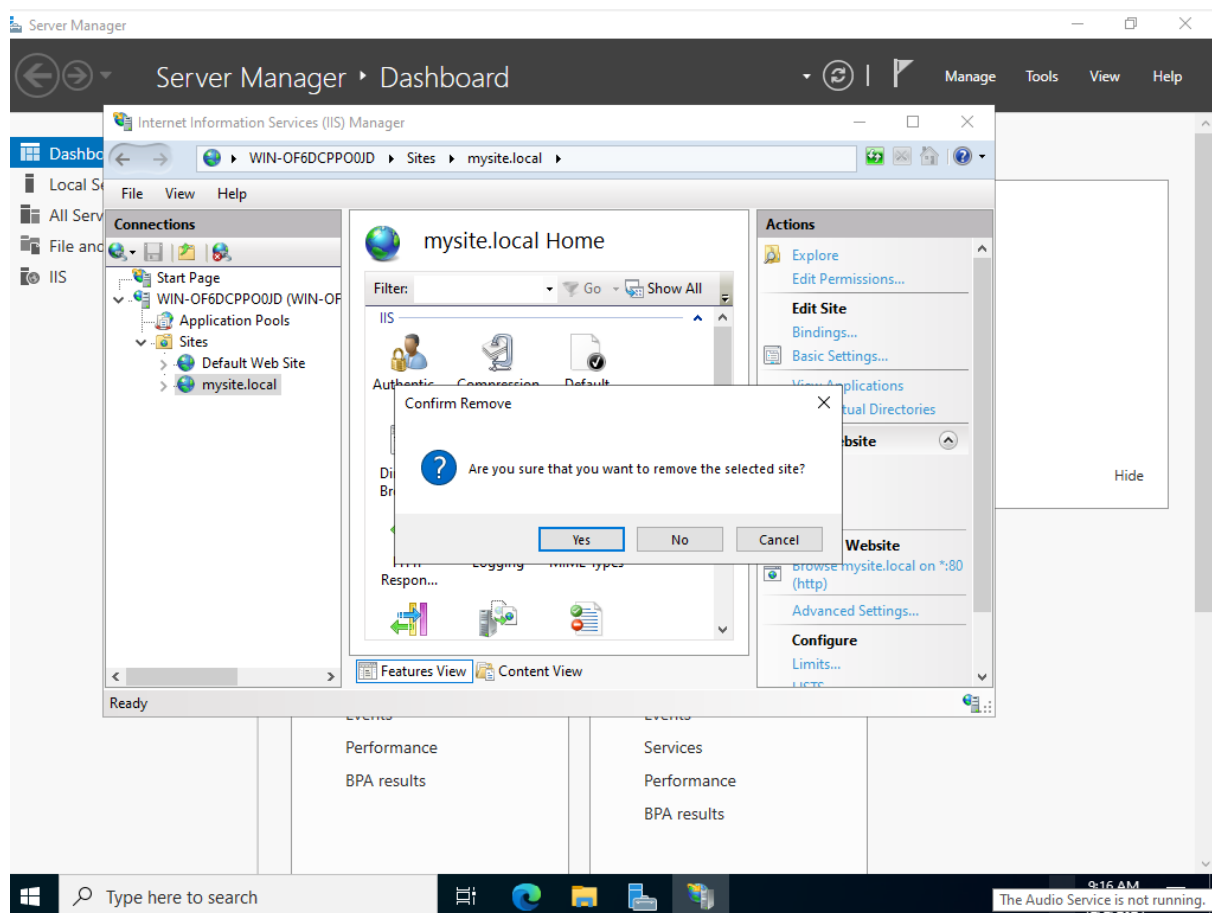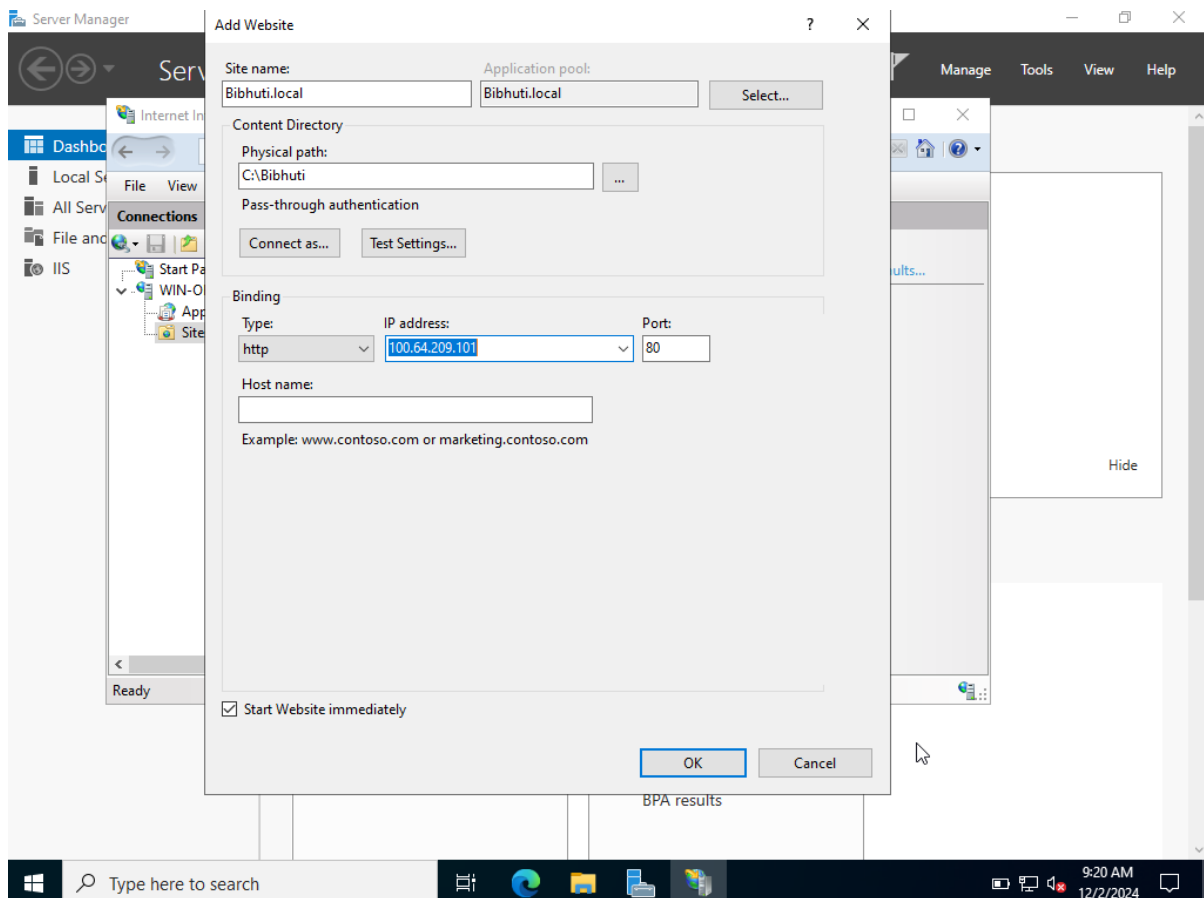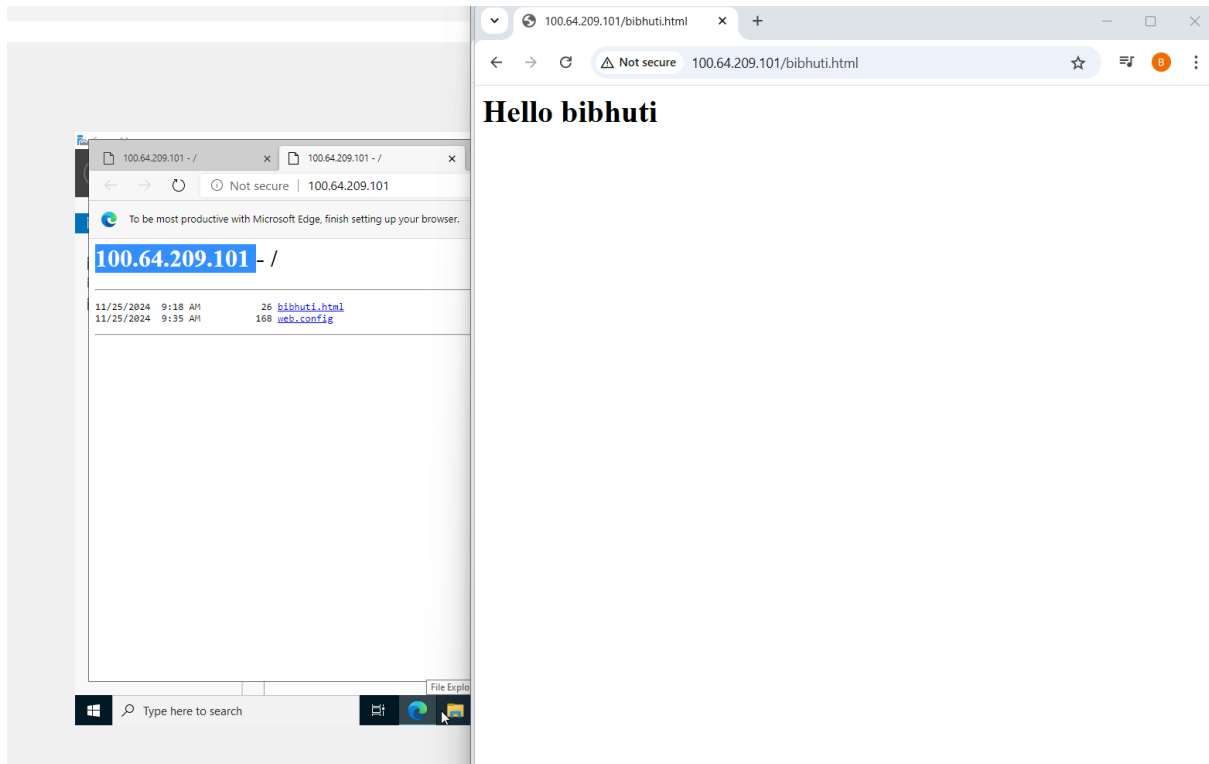*Figure 4: Deleting all site created last week*

Figure 5:Click "yes" to delete

Step 4 : Now create a new site by giving any name , choose physical path to the folder where our previous website files are located and select the IPv4 address from the dropdown option.

Figure 6: Creating new site by giving IPV4 address

Step 5 : Click "Browse" next to the IP address to open it in your browser. To check if the site is live, enter the Guest OS IP address into the Host OS browser and see if it loads.

Figure 7: Opening site in host browser

Step 6 : To download the VirtualBox Extension Pack, first check the version of VirtualBox you're using, then download the corresponding extension pack.
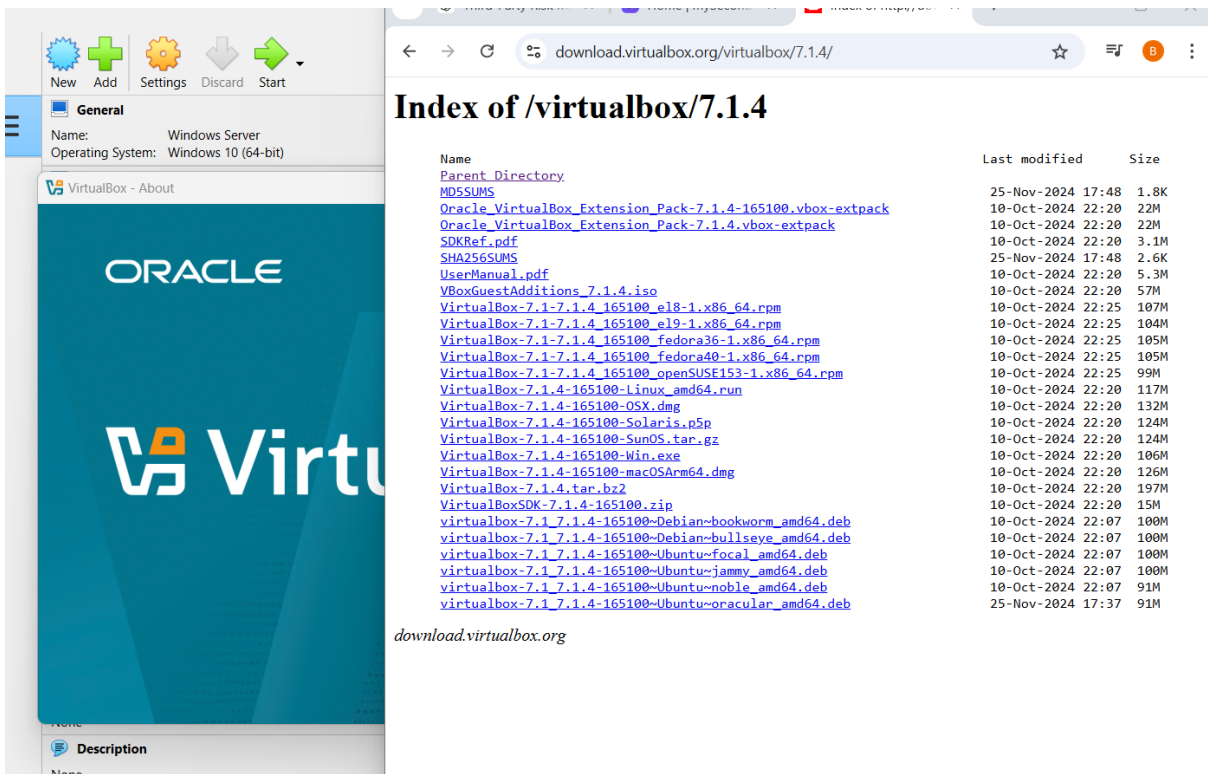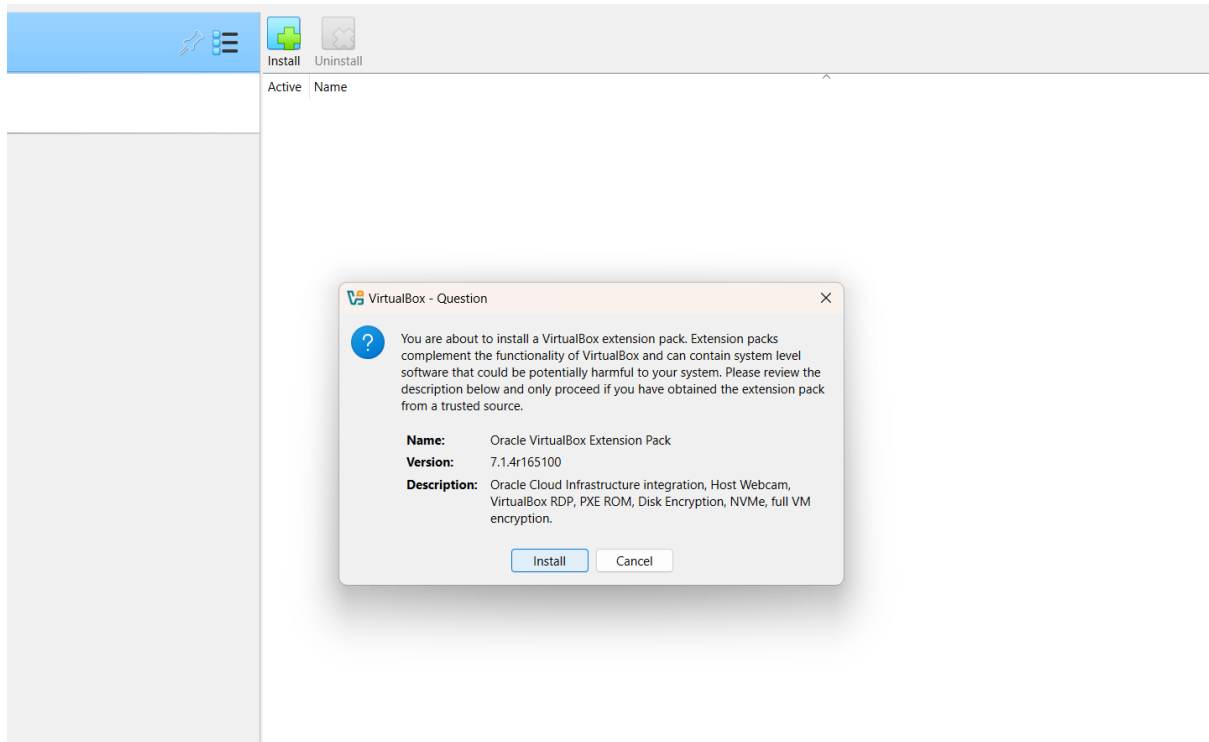

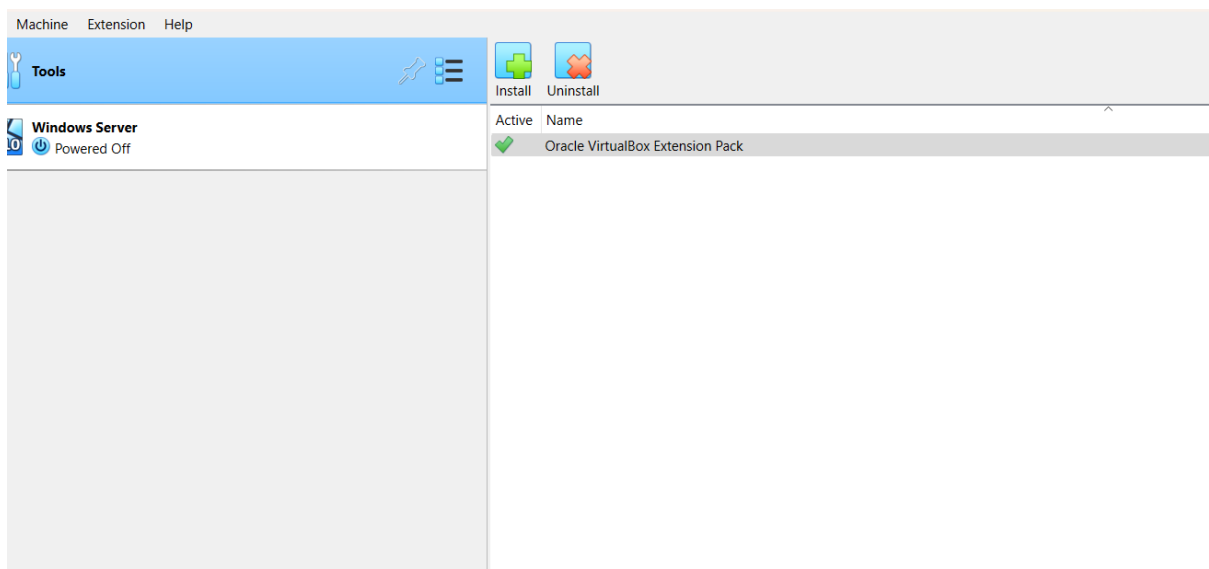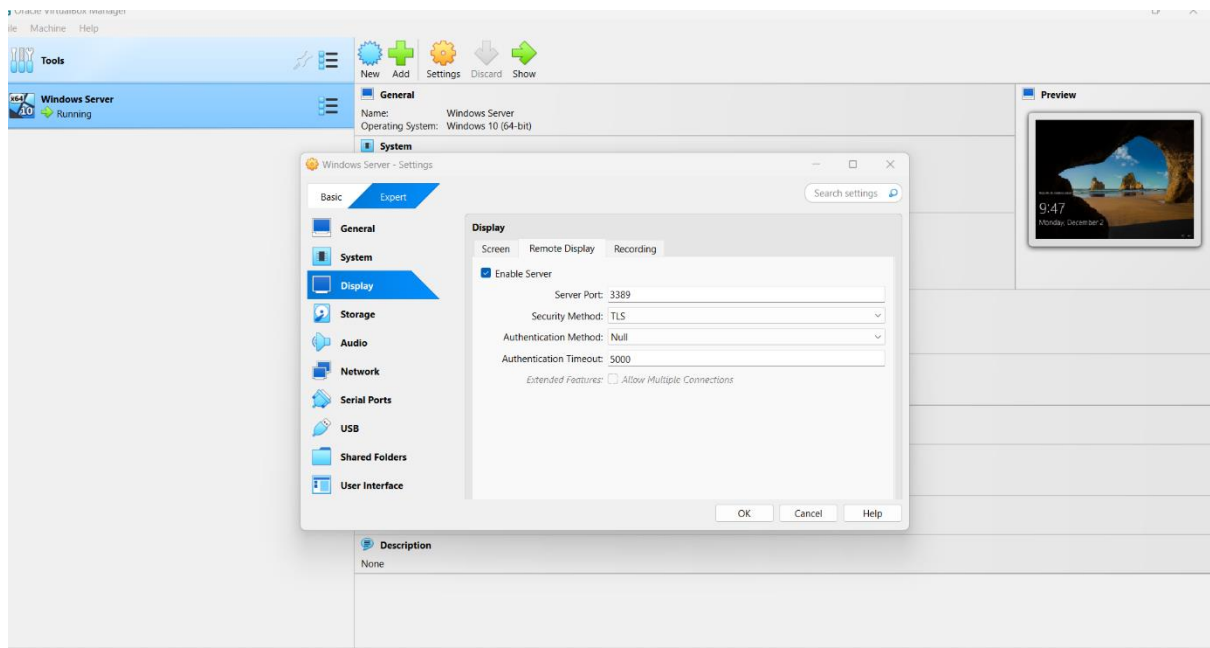*Figure 8: Selecting virtualbox Version*

Figure 9: Click on Install

Figure 10:Virtualbox extension is downloaded

Step 7 : In my case my version is7.1.4. You can check version of your virtual box by clicking on Help on Virtual Box manager and then click on About Virtualbox.

Figure 11:VirtualBox version

Step 8 : After downloading the extension pack ; close virtualbox and again open virtualbox as administrator; go to setting; click on display and to remote desktop and enable server.

Figure 12:Going to remote dekstop and enabling server

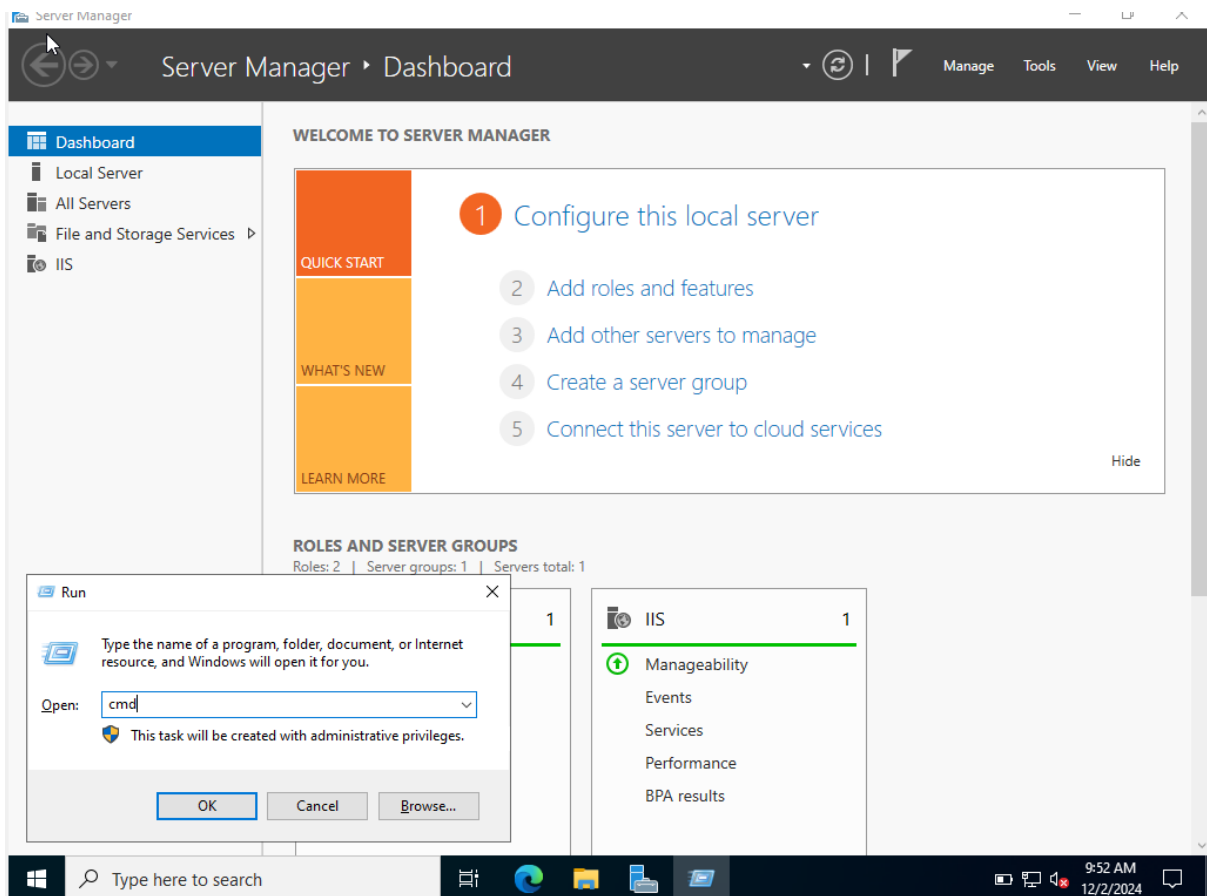**Step 9 :** Start Windows Server 2022 and see IP address
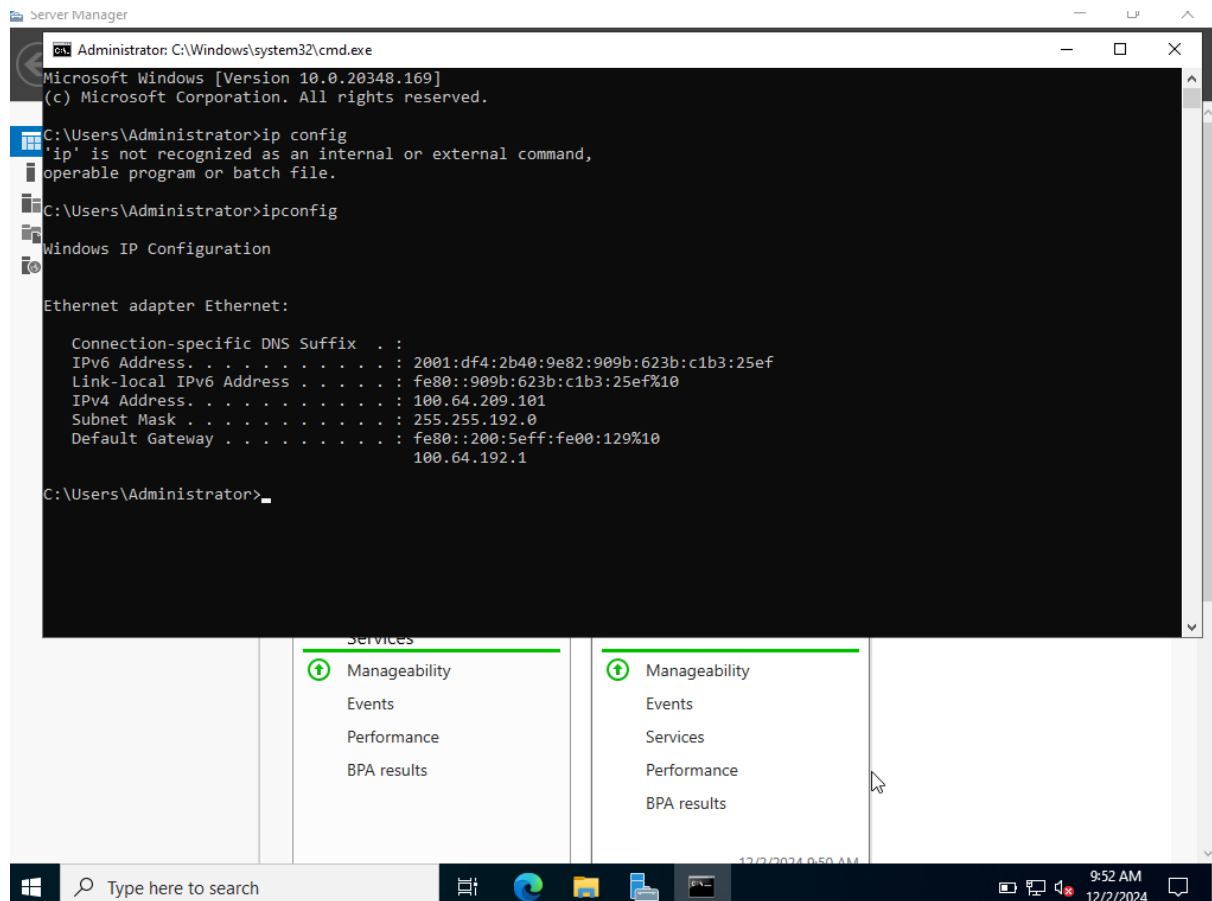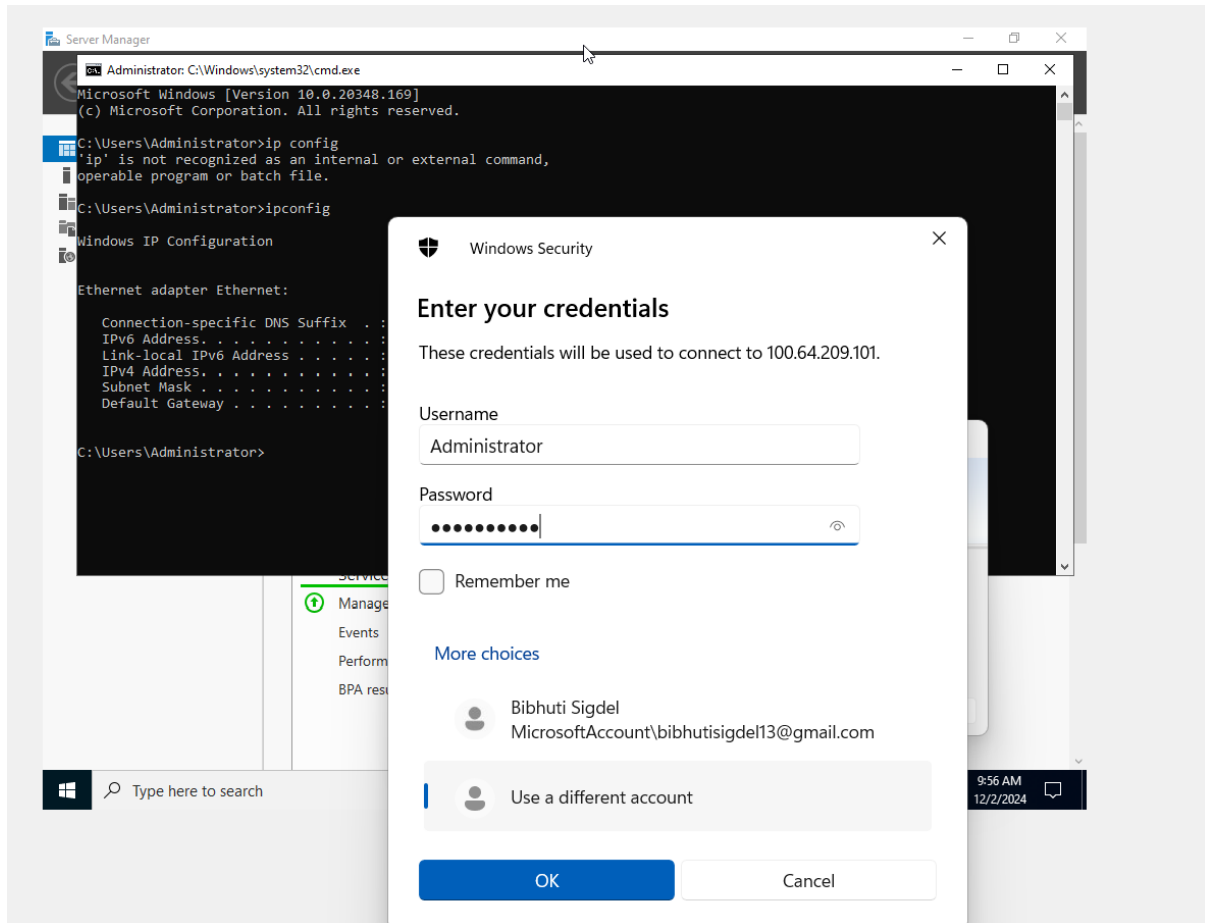

Figure 13: Opening CMD

Figure 14: Viewing IP address

Step 10 : Open remote desktop connection from host OS and insert IP address of guest OS and click on connect.
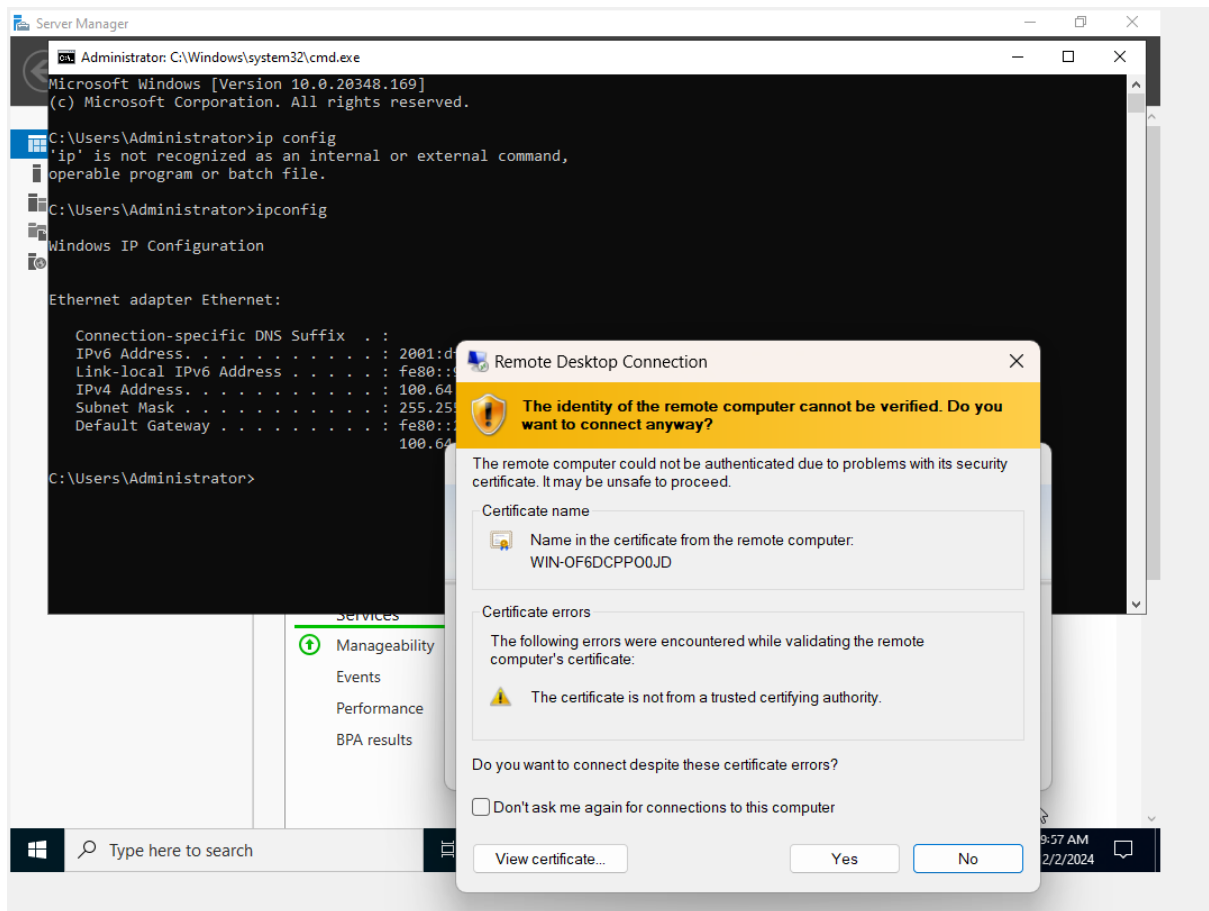

Figure 15: Connecting remote dekstop

Figure 16: Click on yes

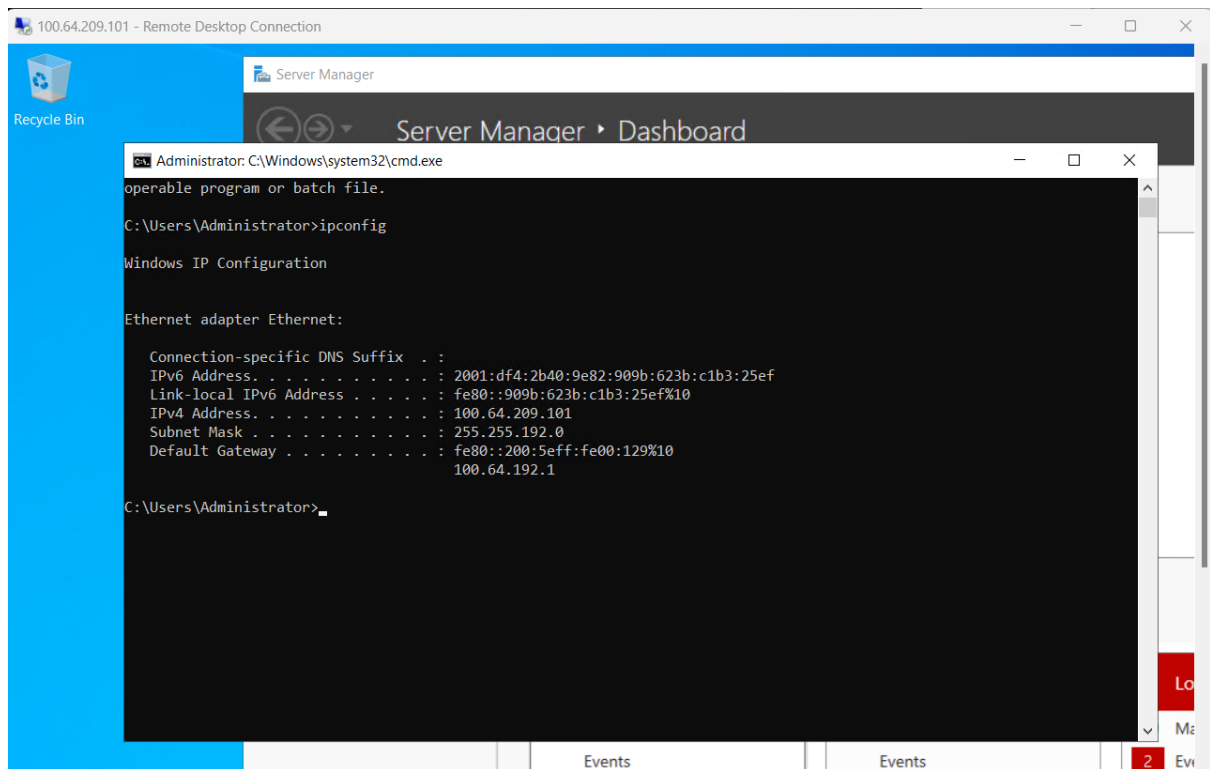**Step 11 :** Now we are able to access our guest OS from Host OS using Remote desktop.

Figure 17: Opening guest OS from Host OS using Remote desktop.