LONDON METROPOLITAN UNIVERSITY

Islington college
(इस्लिङ्टन कलेज)

Module Code & Module Title

Level 5 – Operating Systems

Assessment Type

Logbook 5

Semester

2024 Autumn

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Assignment Due Date: Thursday, December 5, 2024

Assignment Submission Date: Thursday, December 5, 2024

Submitted To: Sarika Dahal

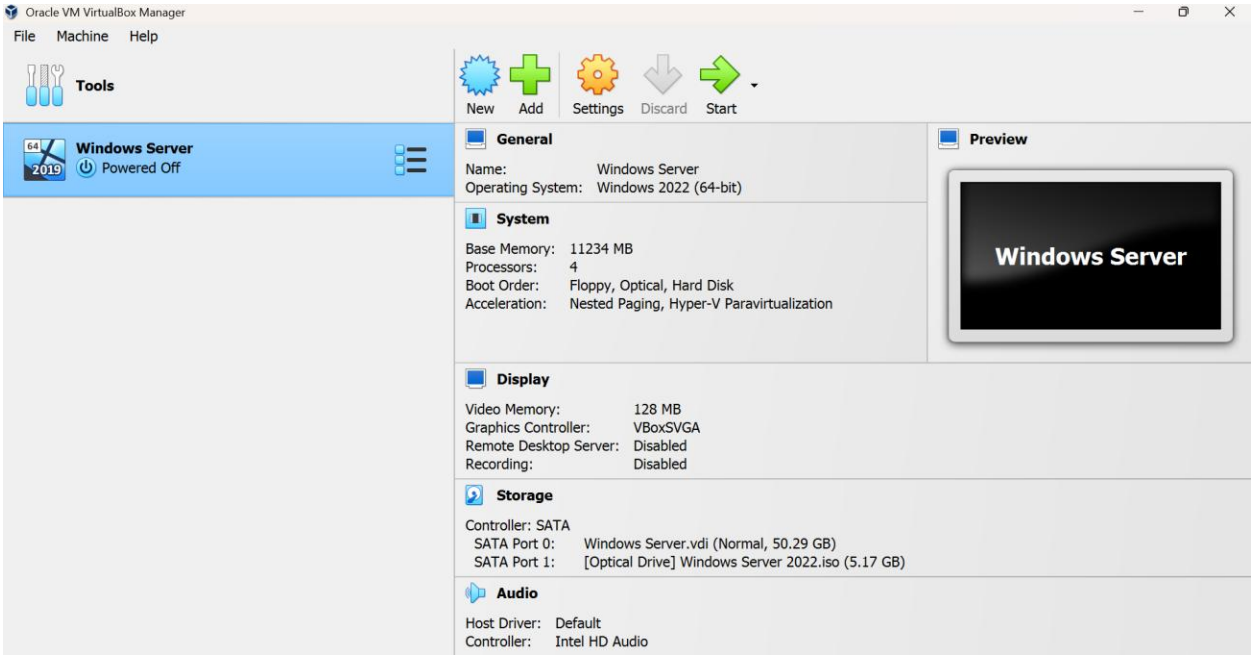
Word Count (Where Required):335

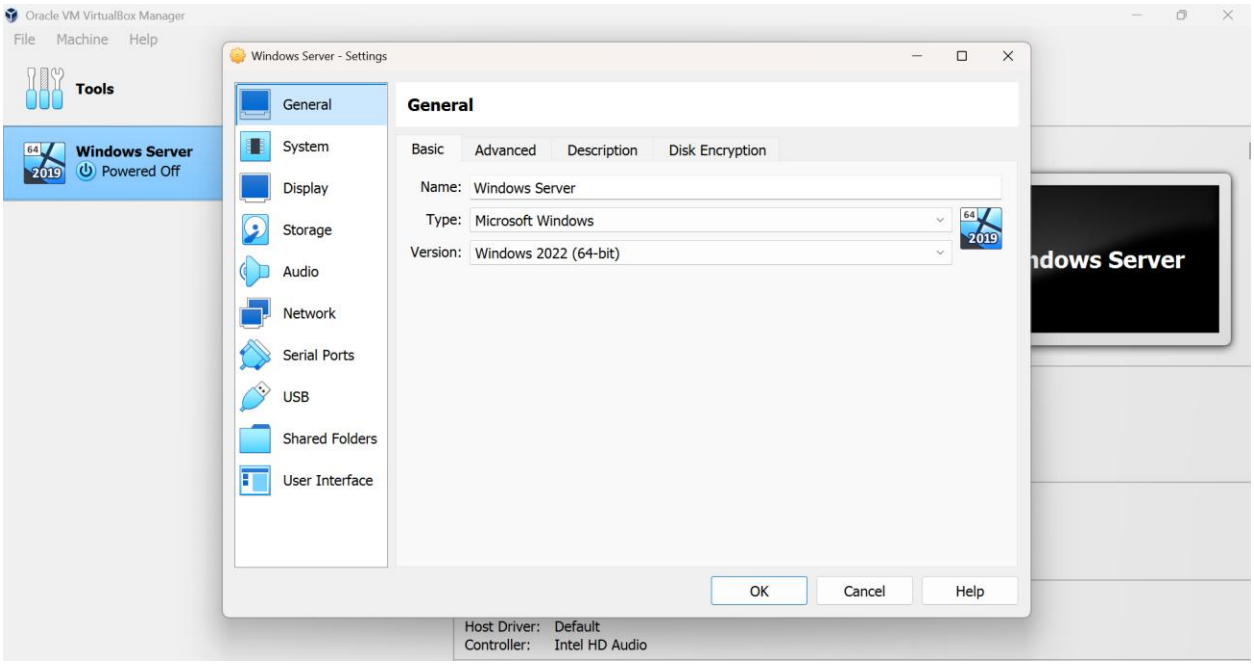
I confirm that I understand my coursework needs to be submitted online via MST Classroom under the relevant module page before the deadline in order for my assignment to be accepted and marked. I am fully aware that late submissions will be treated as non-submission and a mark of zero will be awarded.

Objective:

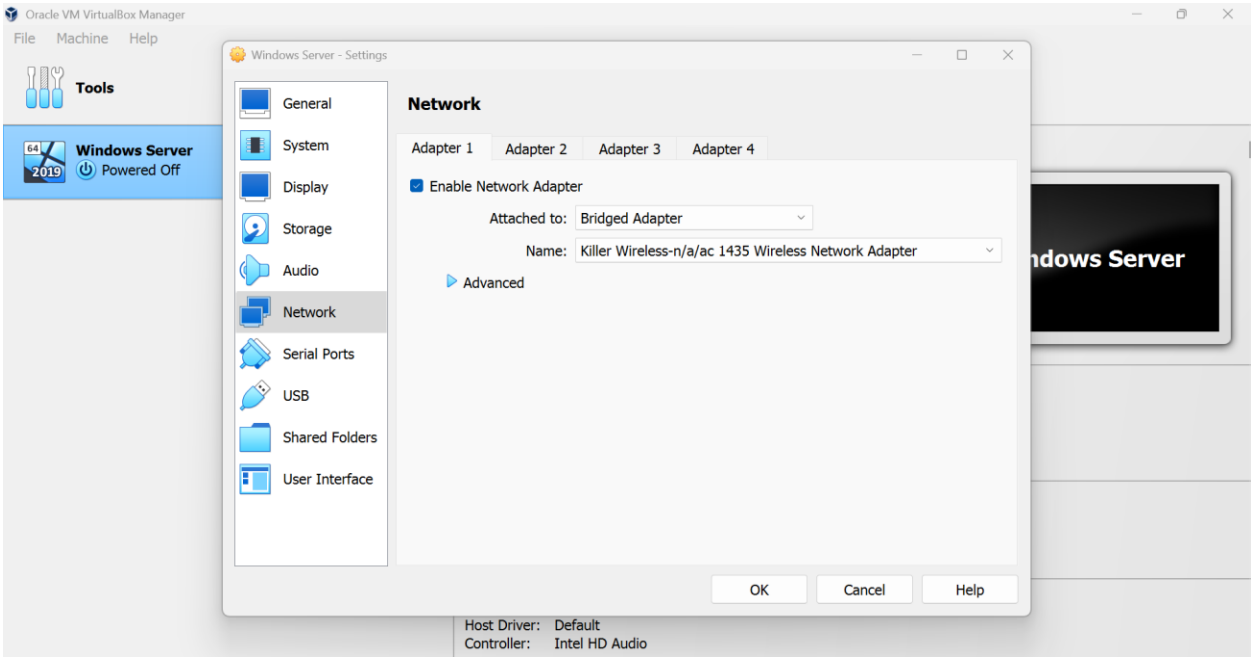
The main aim of this workshop is to host static websites on a Windows Server 2022 guest operating system and make them accessible from the host operating system and other devices within the same local network. Another goal is to enable the remote desktop feature on Windows Server 2022, allowing access to the guest operating system from the host OS.

Step 1: Open VirtualBox, select the virtual environment, and click on the "Settings" button.

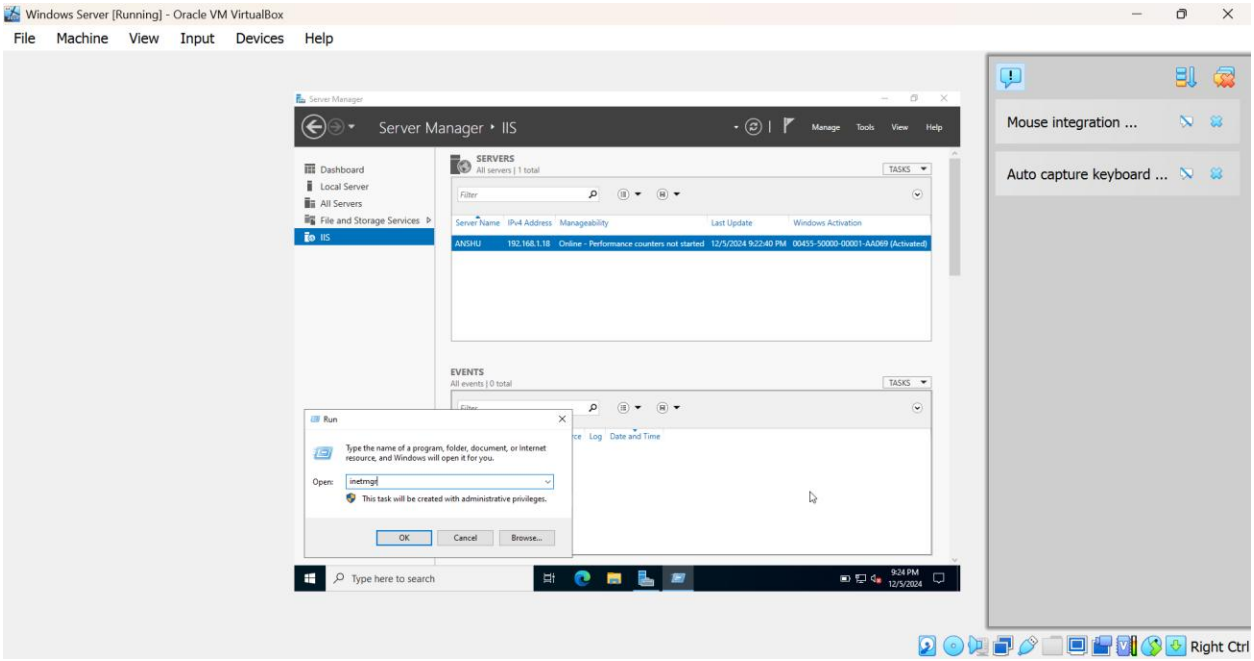




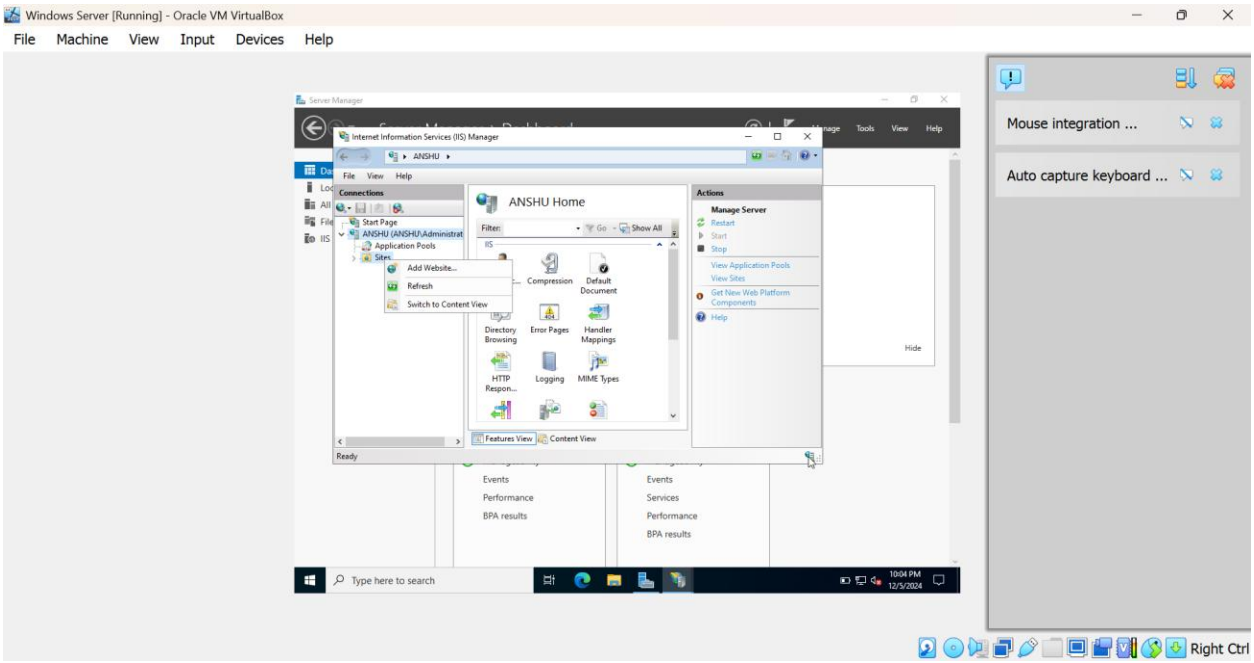
Step 2: go to the Network section, select Bridged Adapter under the "Attached to" option, and click OK. Start the Windows Server 2022 guest OS.



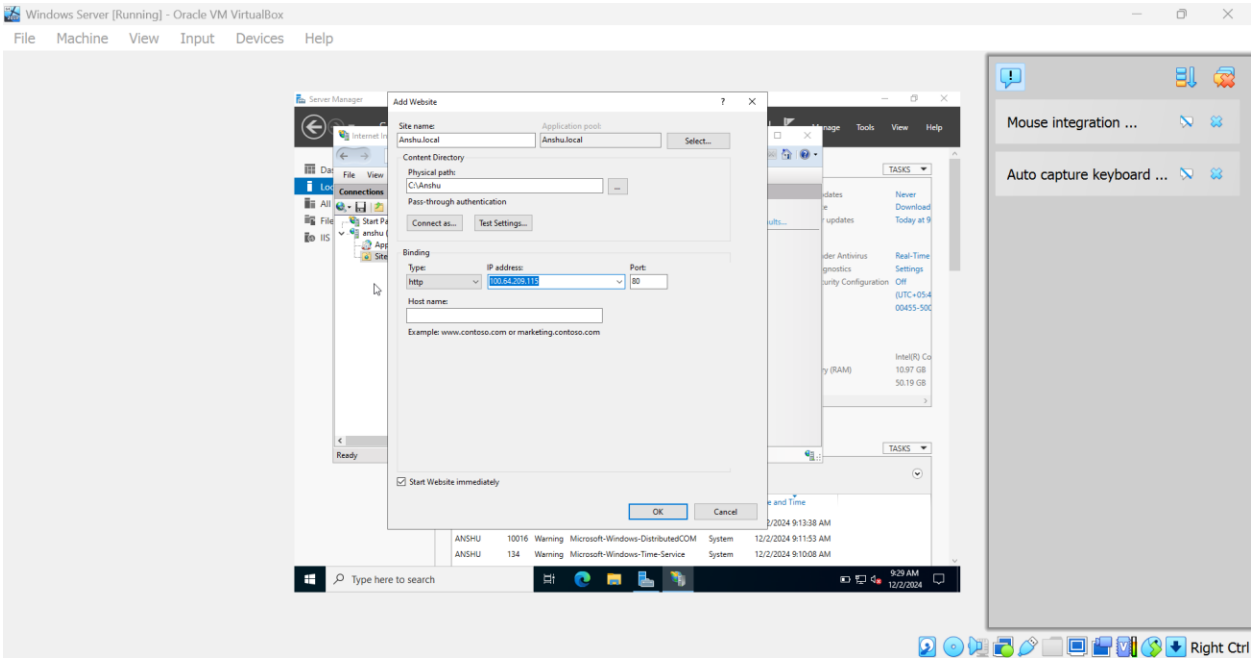
Step 3: Open the Run dialog, type inetmgr, and launch Internet Information Services (IIS) for hosting setup.



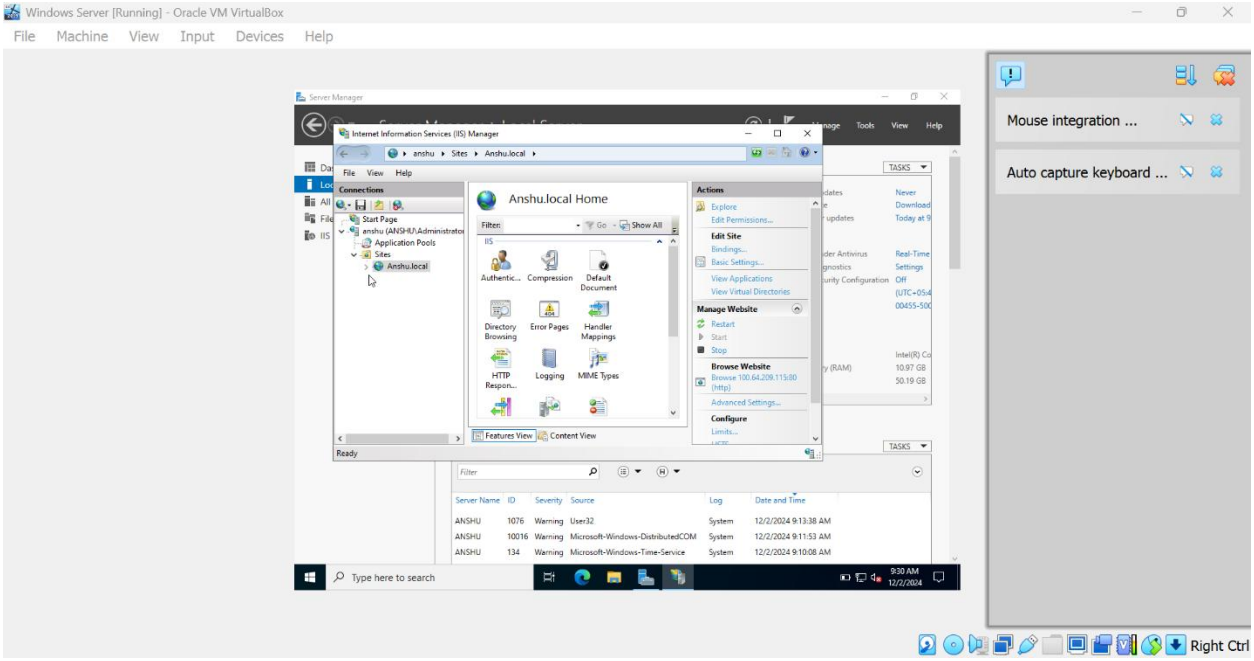
Step 4: Expand the server name, right-click on Sites, and select Add Website

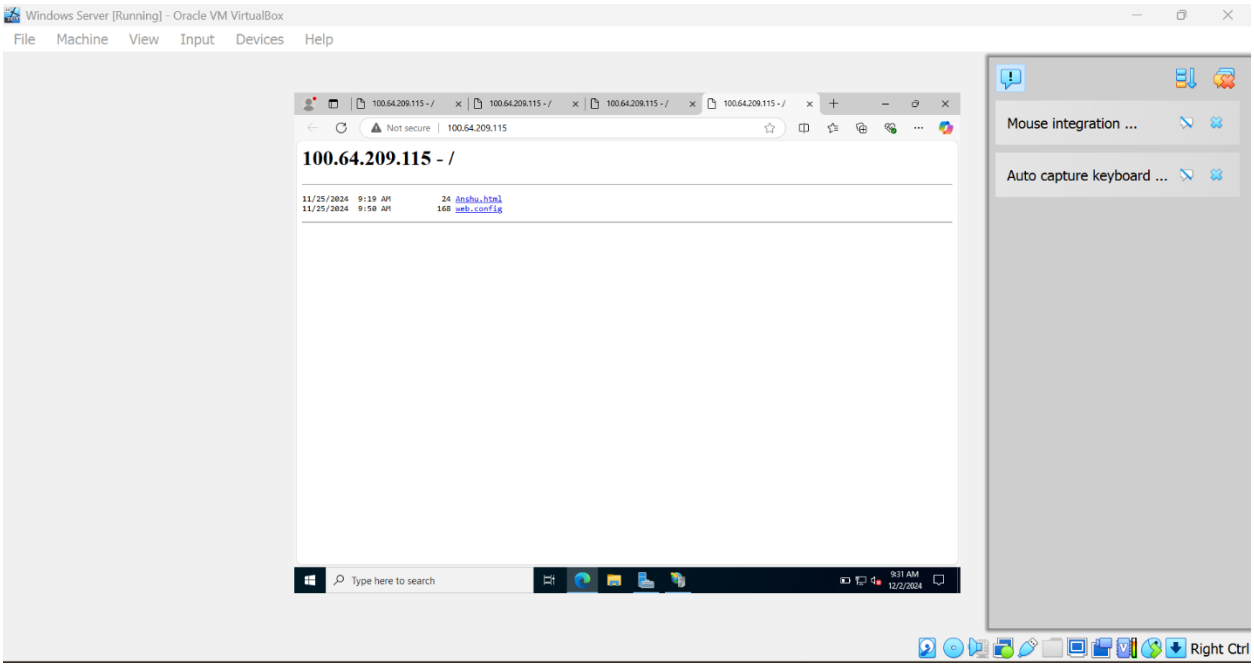


Step 5: Fill in the website details:

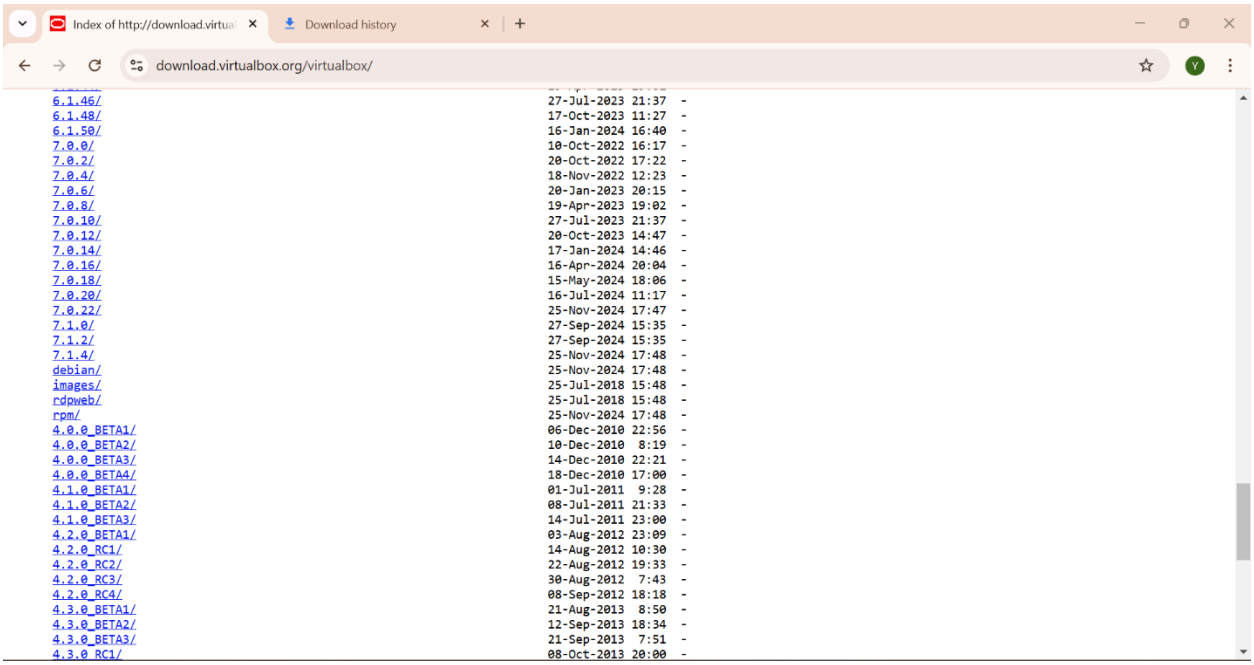
- **Provide a Site Name of your choice.**
- **Set the Physical Path to the folder containing your website files.**
- **Choose the available IP Address from the dropdown menu. Note that changing networks (e.g., home to college) will require updating the IP address.**
- **Leave other options as default and click OK.**
- 

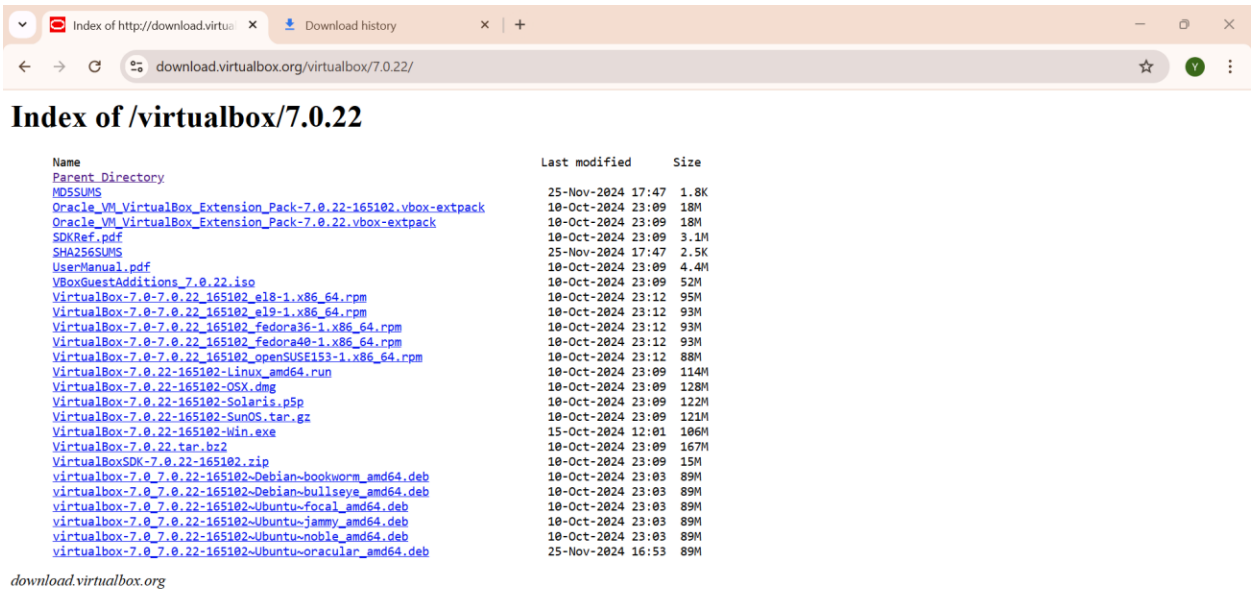
Step 6: The site now appears on the list. Click Browse next to the IP address to open it in a browser and confirm the site is live.



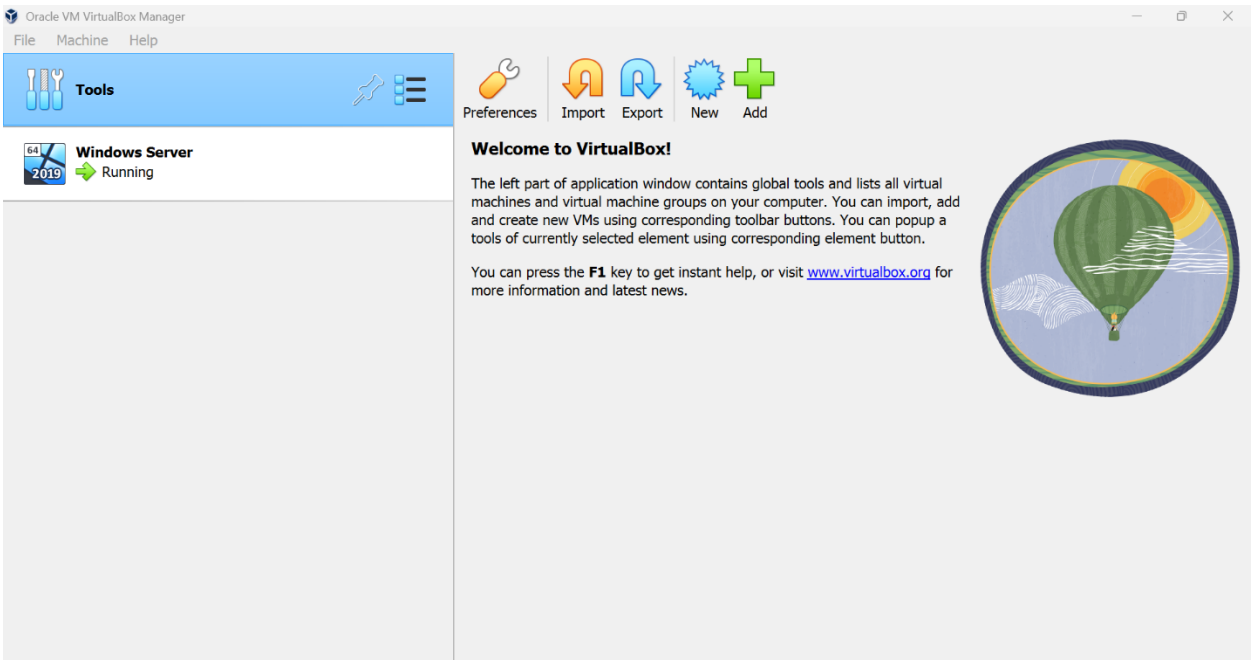


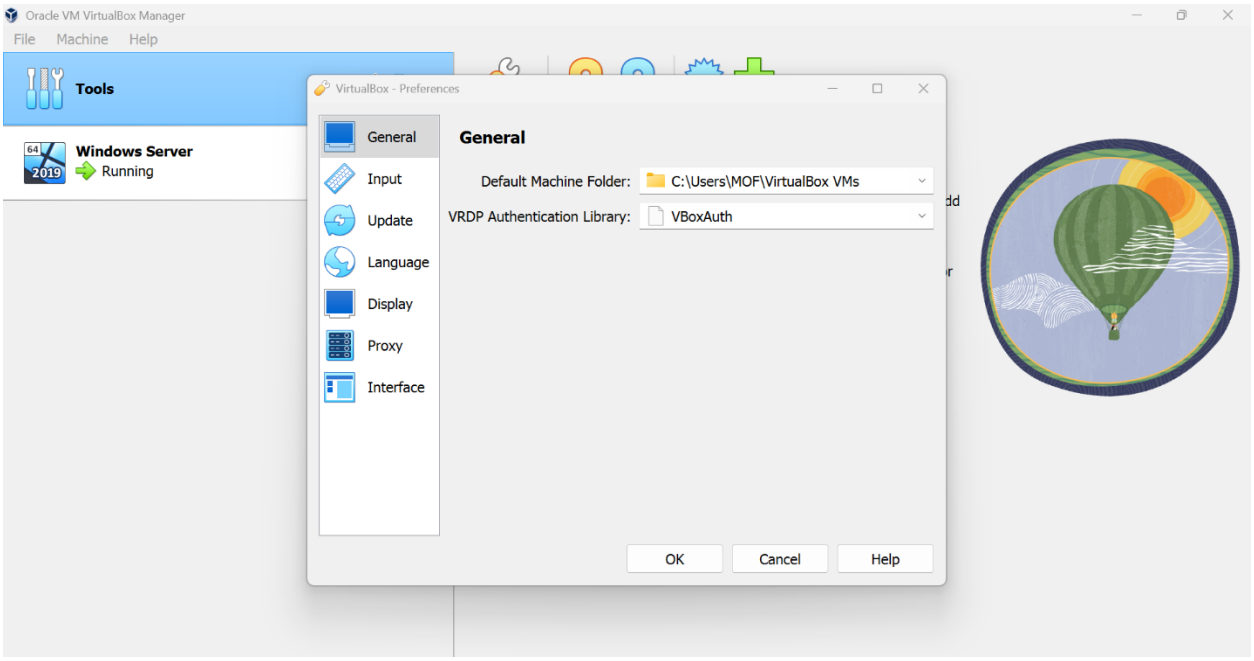
Step 7: Download the VirtualBox Extension Pack



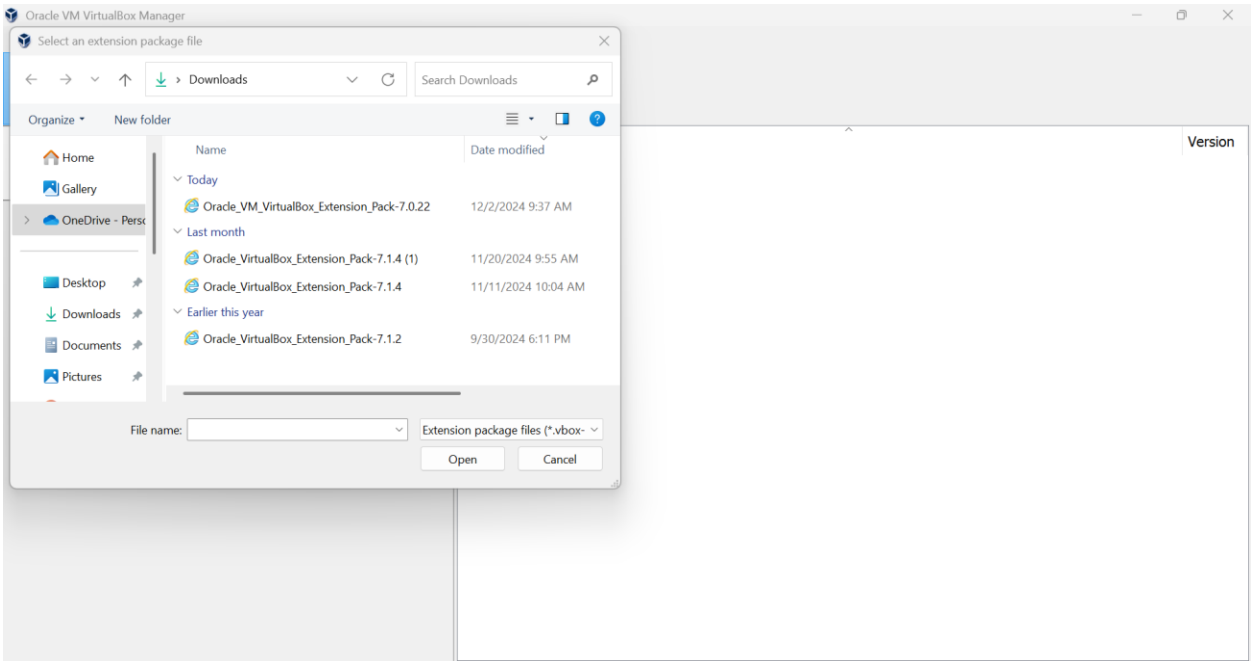


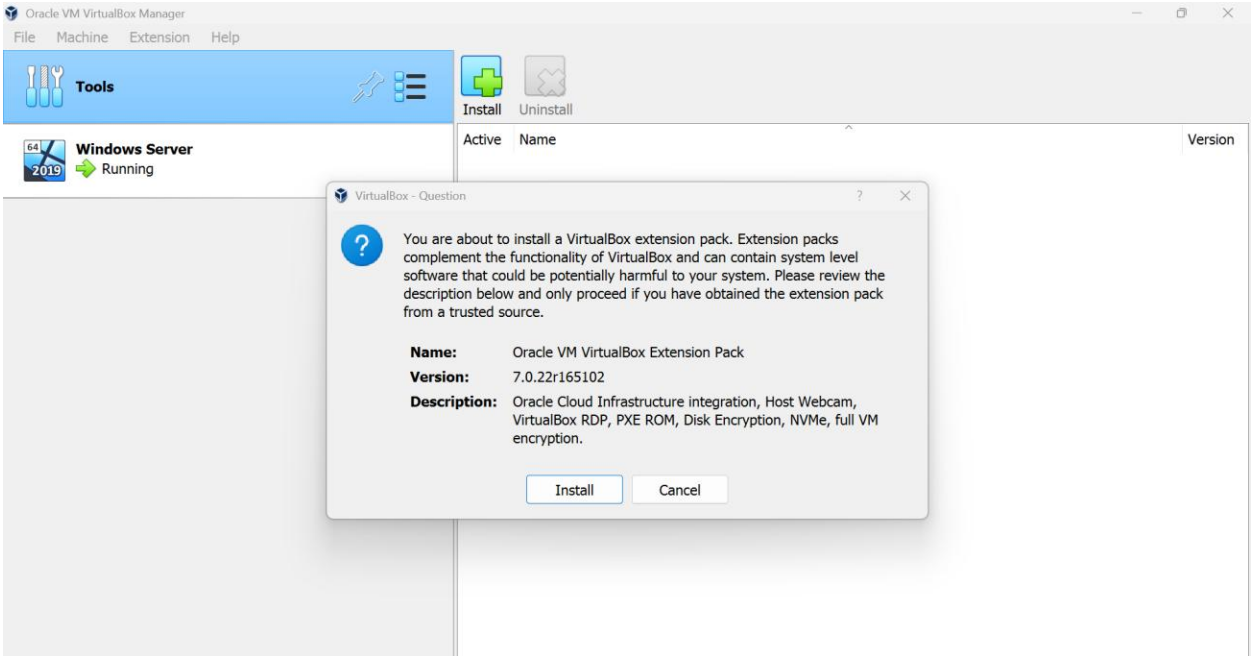
Step 8; Click on “Tools” After then, click on Preferences.



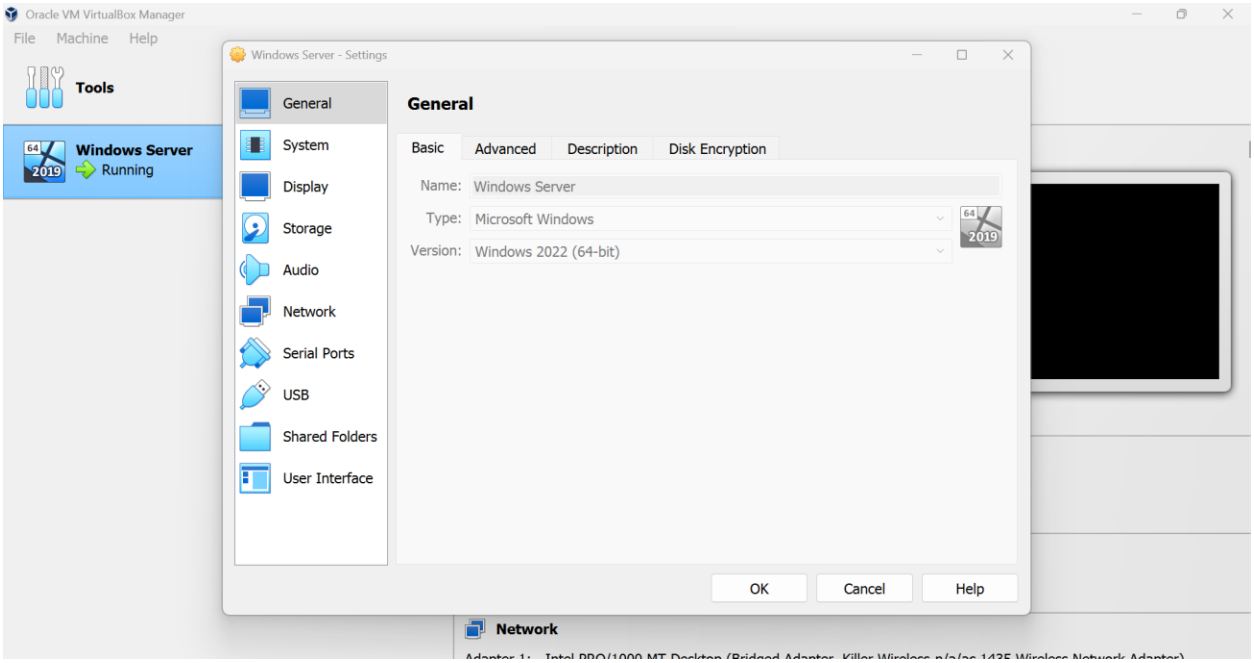


Step 9; Go to the extension pack file downloaded earlier and select that. After selecting that click on install

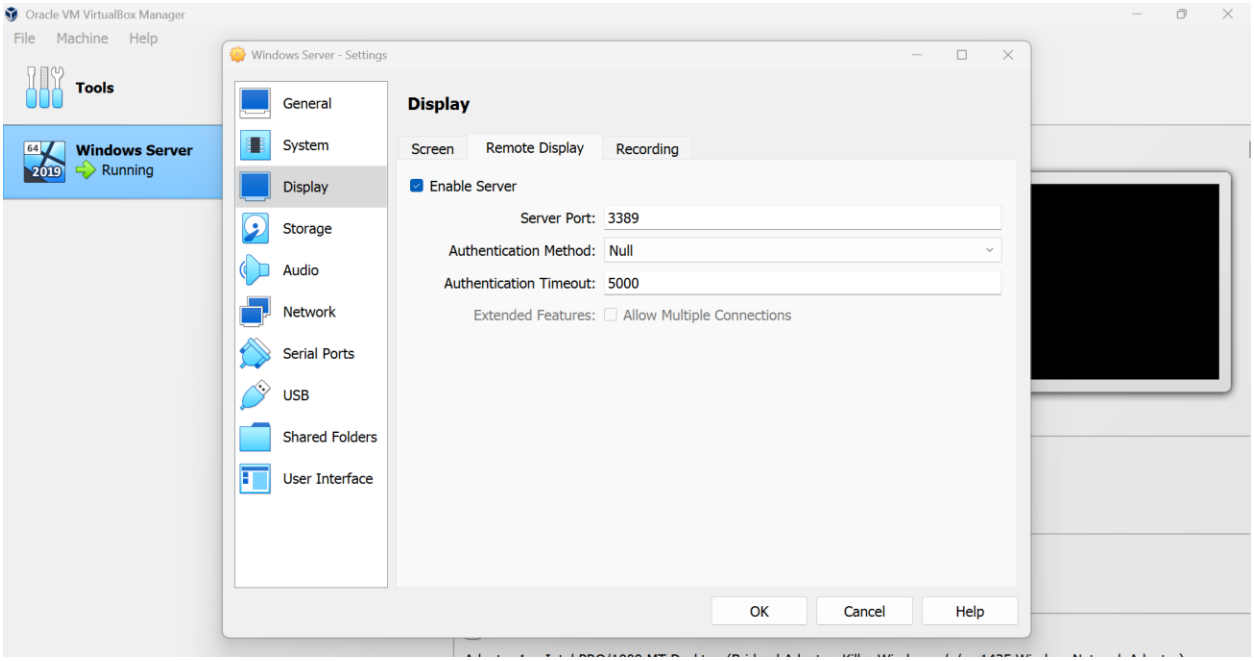




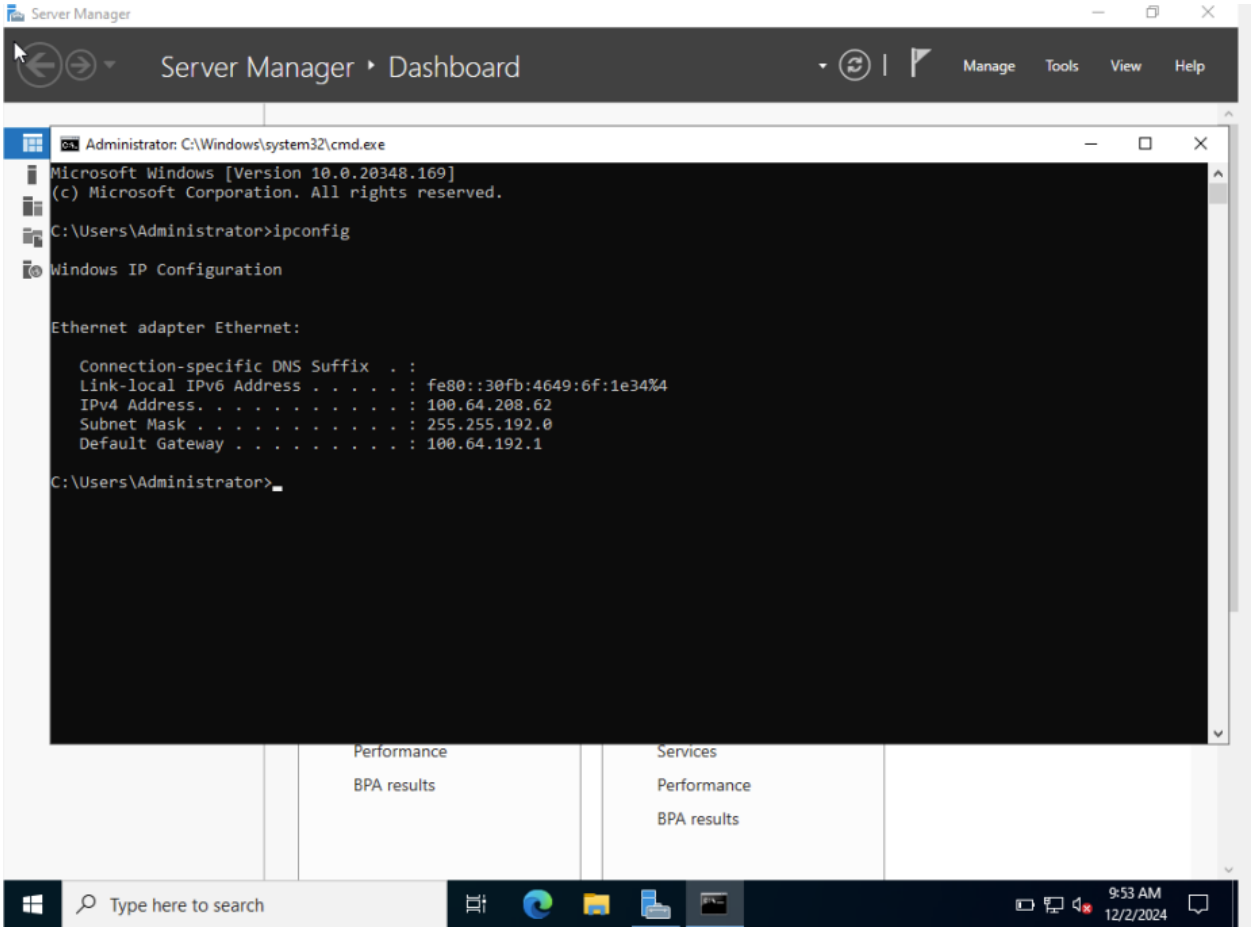
Step 10; Now close the tab and select the Server Virtual Environment and click on Settings.



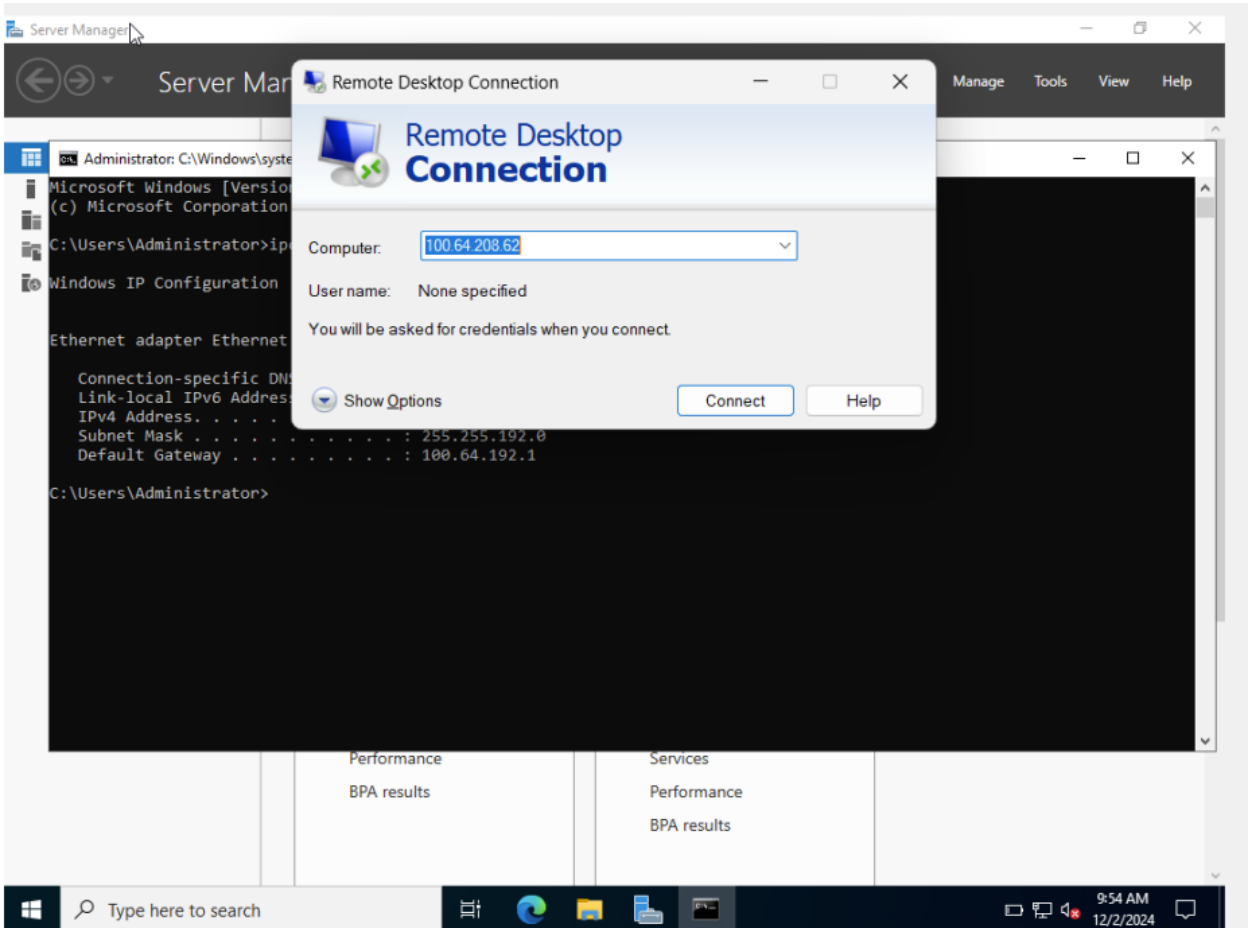
Step 11; Click on Display and click on Remote Display and click on Enable Server and click Ok.

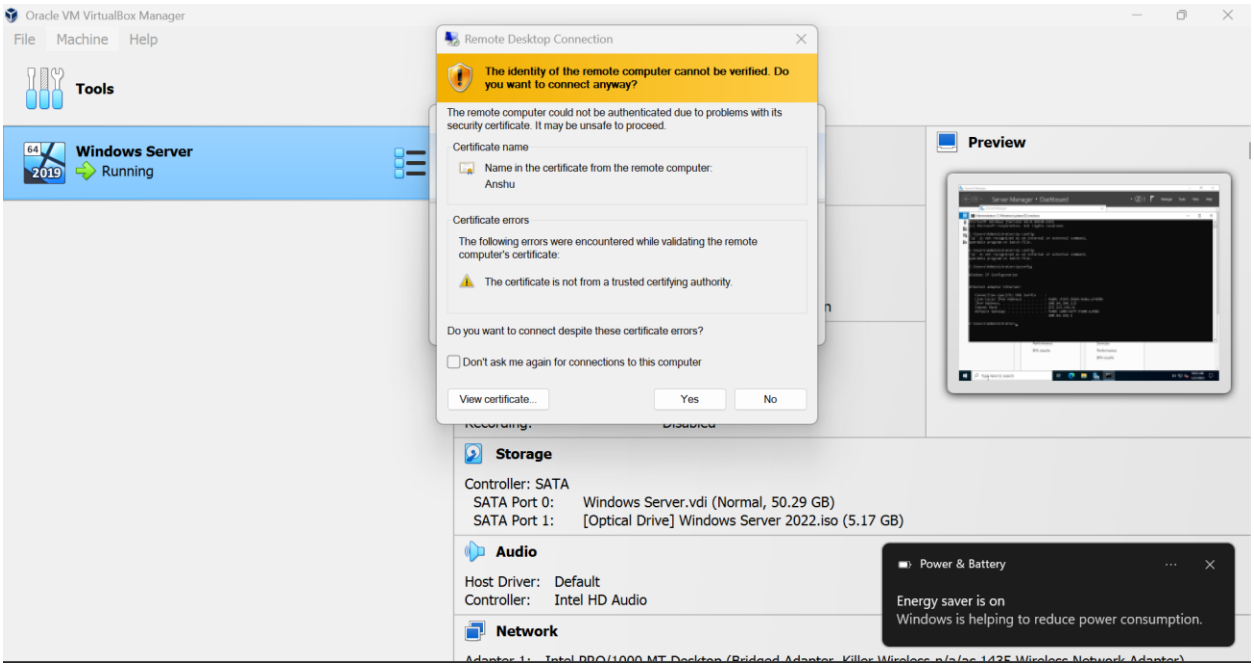
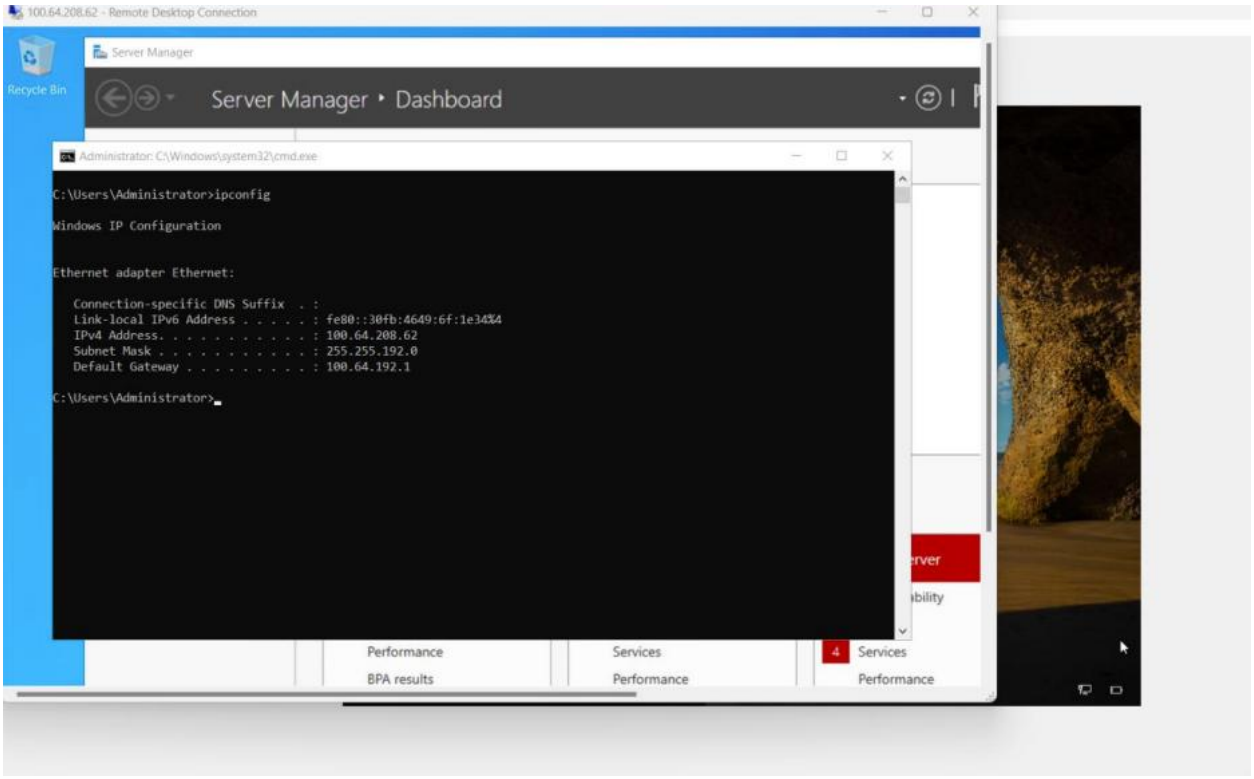


Step 12: Start the Windows Server 2022 guest OS and note its IP address.



Step 13: Open the Remote Desktop Connection tool on the host OS, enter the guest OS's IP address, and connect.


Server Manager
Server Mar
Manage
Tools
View
Help
Remote Desktop Connection
Remote Desktop
Connection
Computer:
100.64.208.62
User name:
None specified
You will be asked for credentials when you connect.
Show Options
Connect
Help
Administrator: C:\Windows\syste
Microsoft Windows [Versio
(c) Microsoft Corporation
C:\Users\Administrator>ip
Windows IP Configuration
Ethernet adapter Ethernet
Connection-specific DN
Link-local IPv6 Addres
IPv4 Address. . . . .
Subnet Mask . . . . . : 255.255.192.0
Default Gateway . . . . . : 100.64.192.1
C:\Users\Administrator>
Performance
BPA results
Services
Performance
BPA results
Type here to search
9:54 AM
12/2/2024


Oracle VM VirtualBox Manager
File
Machine
Help
Tools
Windows Server
Running
Remote Desktop Connection
The identity of the remote computer cannot be verified. Do you want to connect anyway?
The remote computer could not be authenticated due to problems with its security certificate. It may be unsafe to proceed.
Certificate name
Name in the certificate from the remote computer:
Anshu
Certificate errors
The following errors were encountered while validating the remote computer's certificate:
The certificate is not from a trusted certifying authority.
Do you want to connect despite these certificate errors?
Don't ask me again for connections to this computer
View certificate...
Yes
No
Preview
Storage
Controller: SATA
SATA Port 0: Windows Server.vdi (Normal, 50.29 GB)
SATA Port 1: [Optical Drive] Windows Server 2022.iso (5.17 GB)
Audio
Host Driver: Default
Controller: Intel HD Audio
Network
Power & Battery
Energy saver is on
Windows is helping to reduce power consumption.

Step 14: You should now be able to access the guest OS remotely from the host OS.