HeroVired : Networking and Servers Assignment

Task 3 : Virtual Machine (VM)
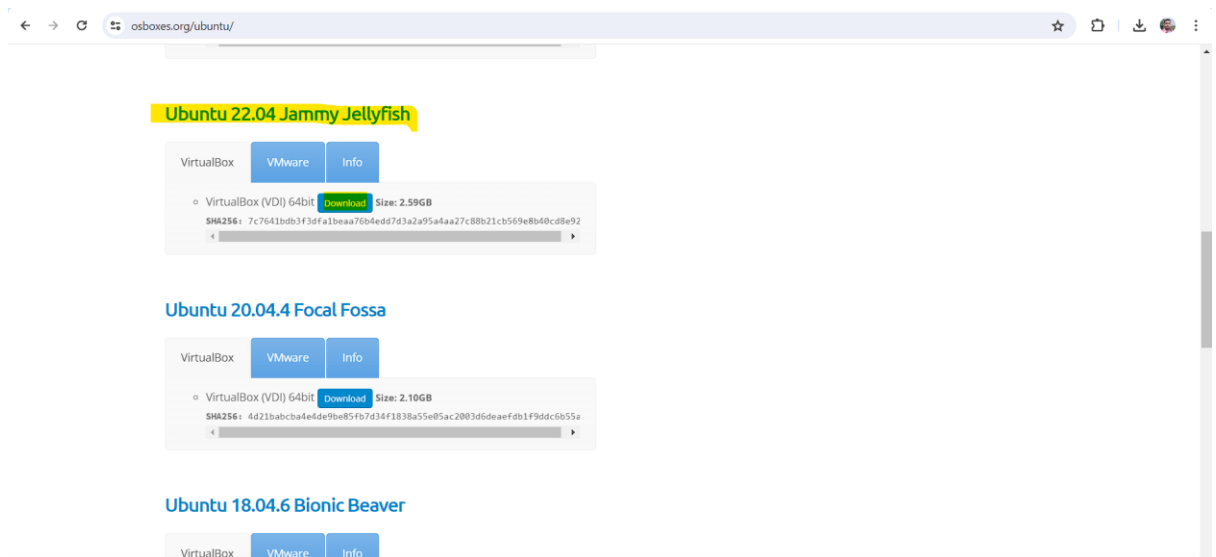
1. Go to https://www.virtualbox.org and download installer for windows.
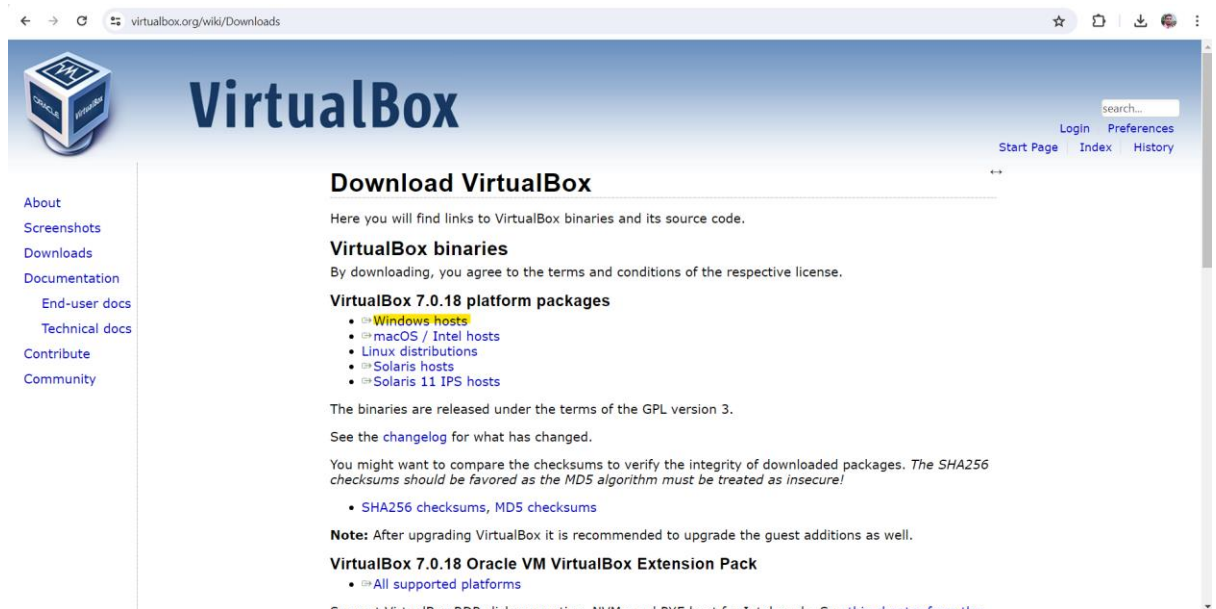
2. Install virtual box. After installation we can see below screen :
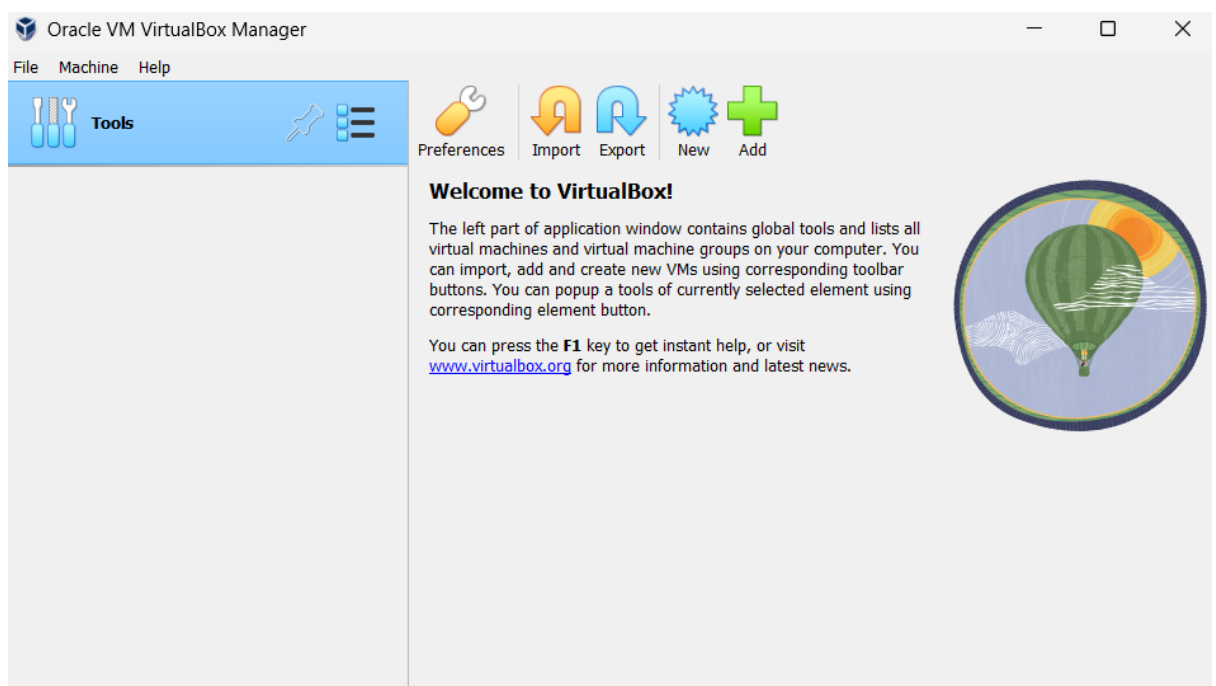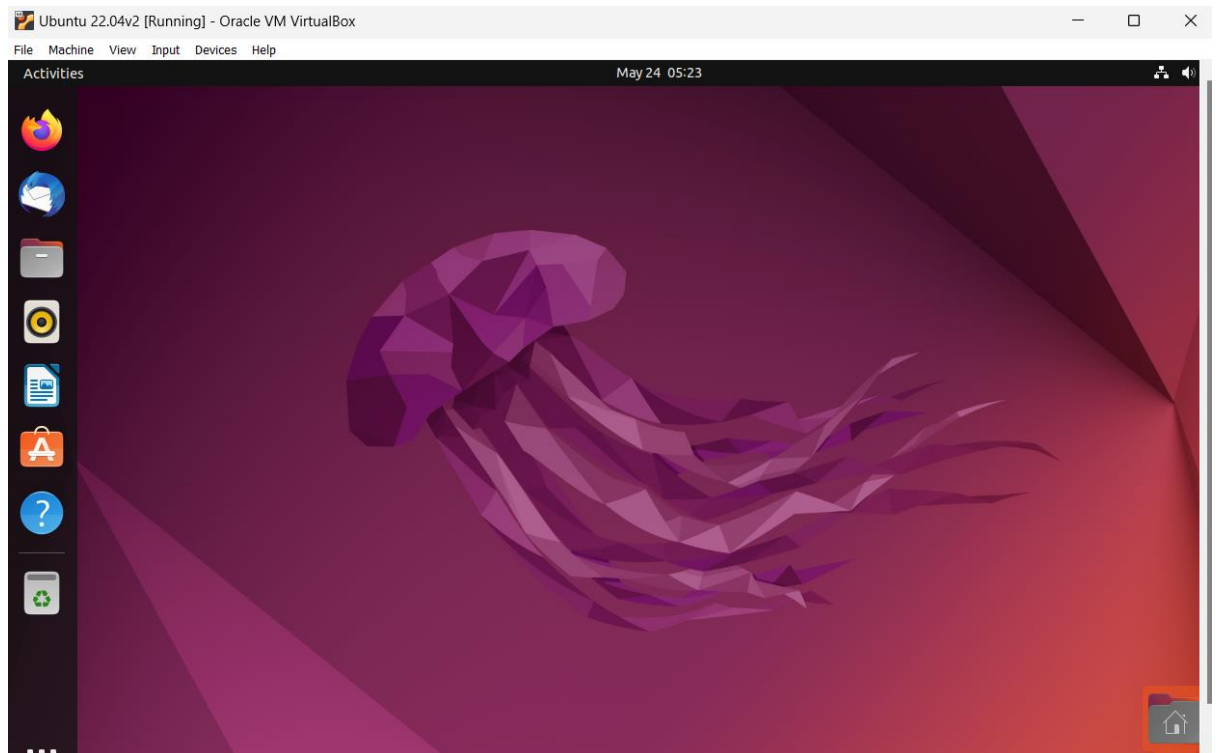
3. Now go to https://www.osboxes.org/ and download image for Ubuntu 22.04.
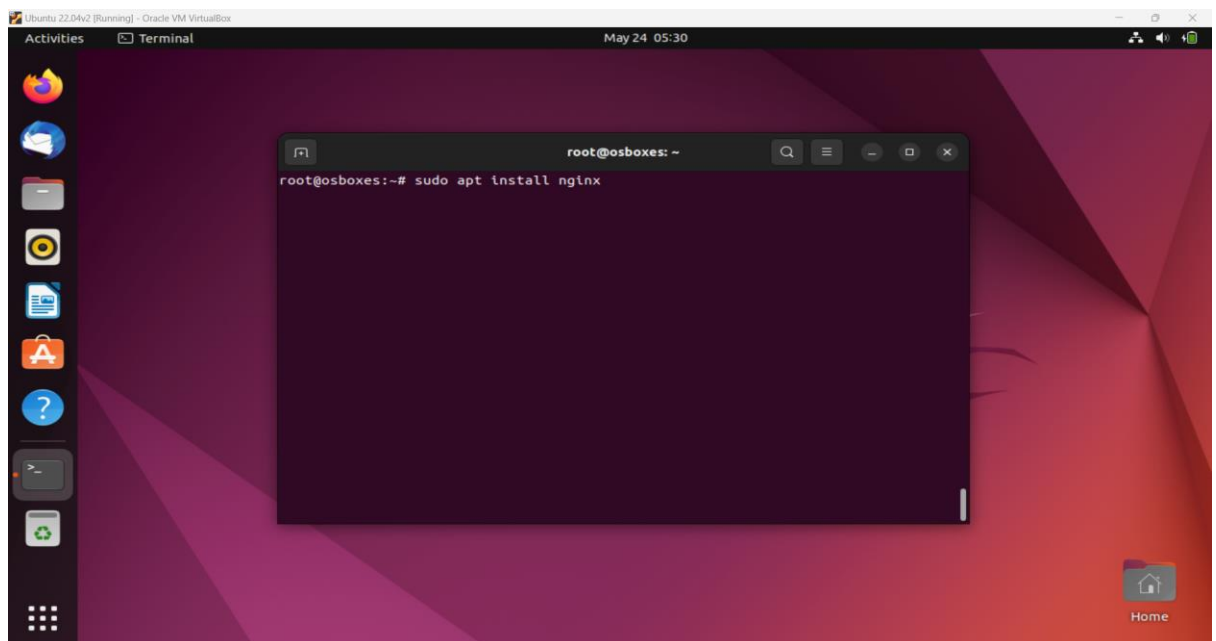

4. Now go to virtual box, click New and give the name to machine and select the VDI.
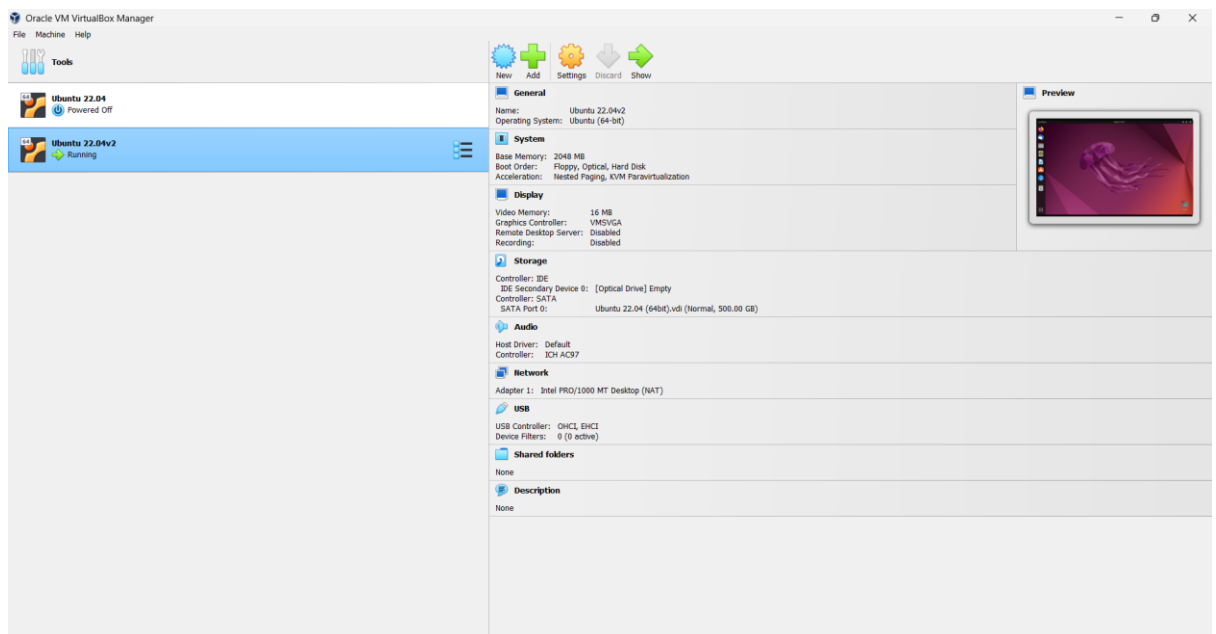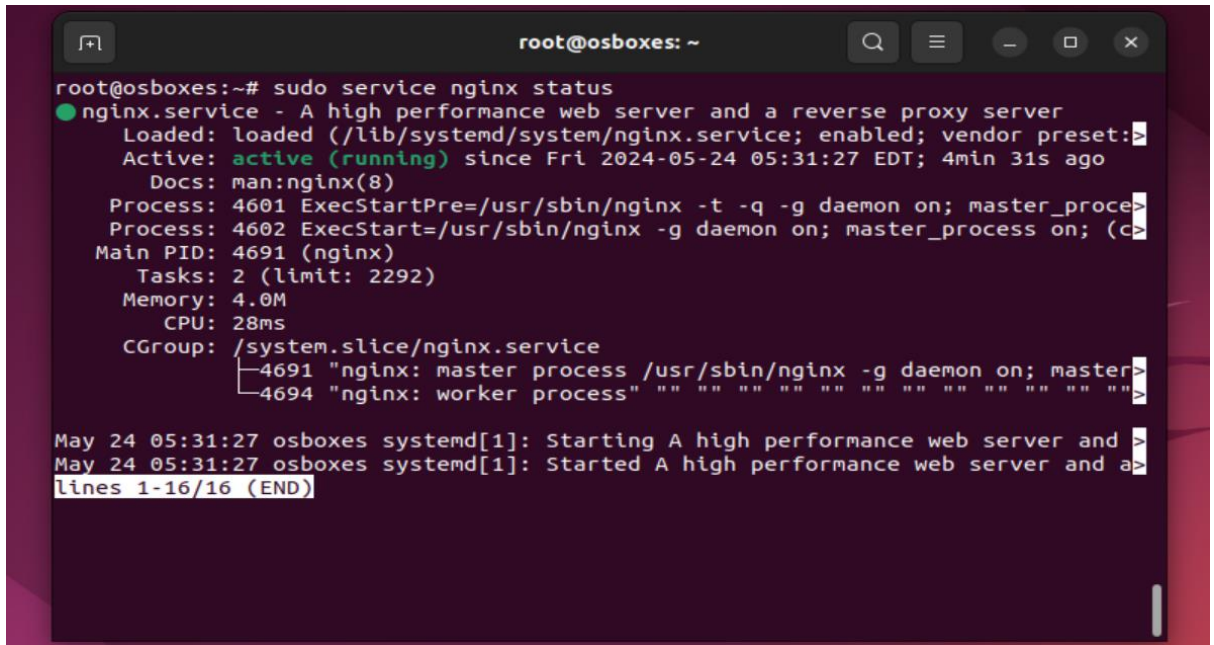
5. Start the machine.

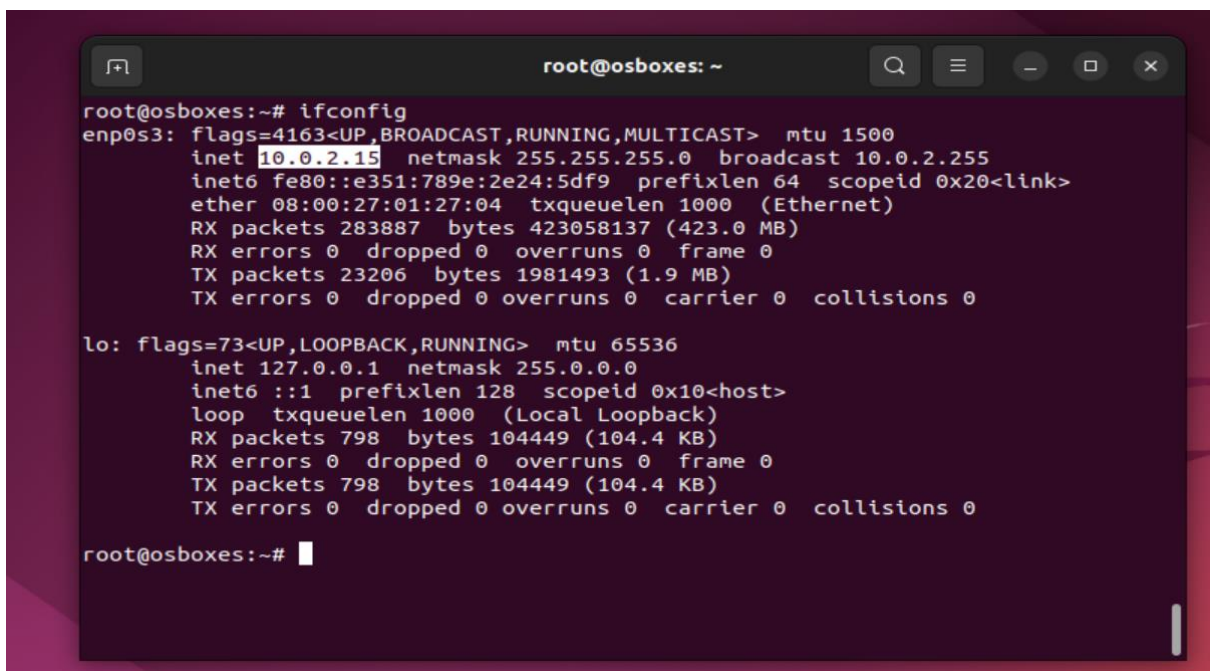6. Open the terminal and install nginx.

7. After installing nginx run the command 'sudo service nginx status' to see the status of nginx server.

8. Run ifconfig command to see the ip address and hit the ip address to verify nginx is working as expected.

We will see below –

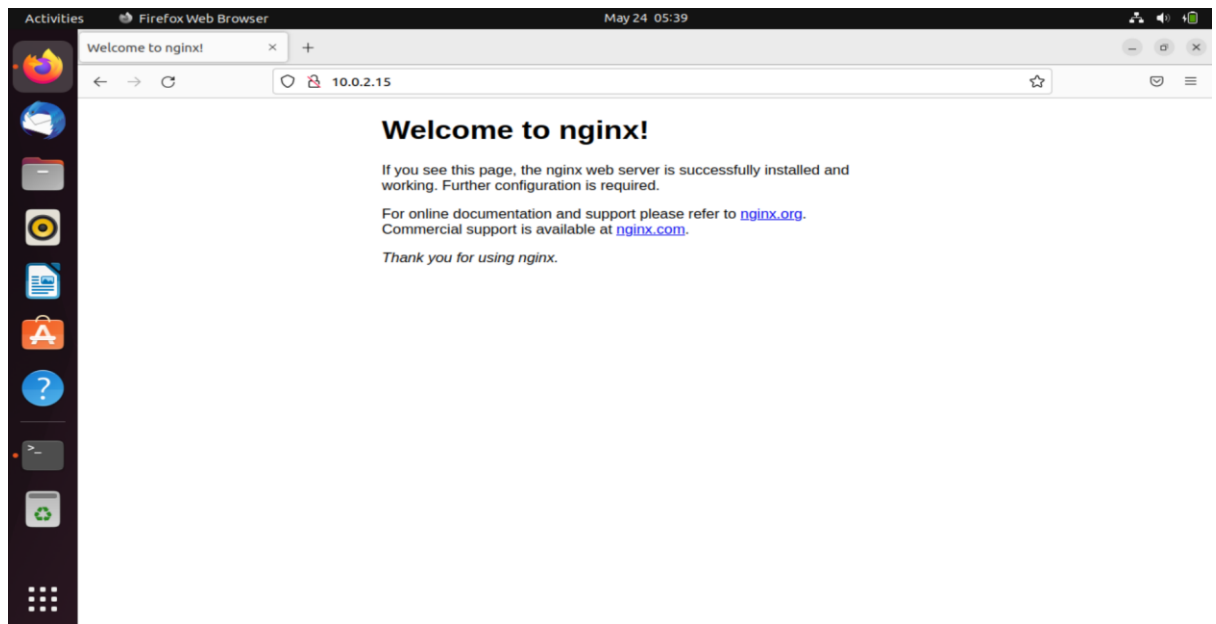9. Now in order to host our own site, go to /var/www/html and remove the default file and replace with a new index.html. After restart the nginx using 'sudo service nginx restart' command and hit the ip address again. Will see the below :

10. Nmap scan output –

	Port	Protocol	State	Service	Version
🔴	25	tcp	filtered	smtp	
🔴	110	tcp	filtered	pop3	
🟢	135	tcp	open	msrpc	
🟢	139	tcp	open	netbios-ssn	
🟢	445	tcp	open	microsoft-ds	
🔴	548	tcp	filtered	afp	
🟢	7070	tcp	open	realserver	
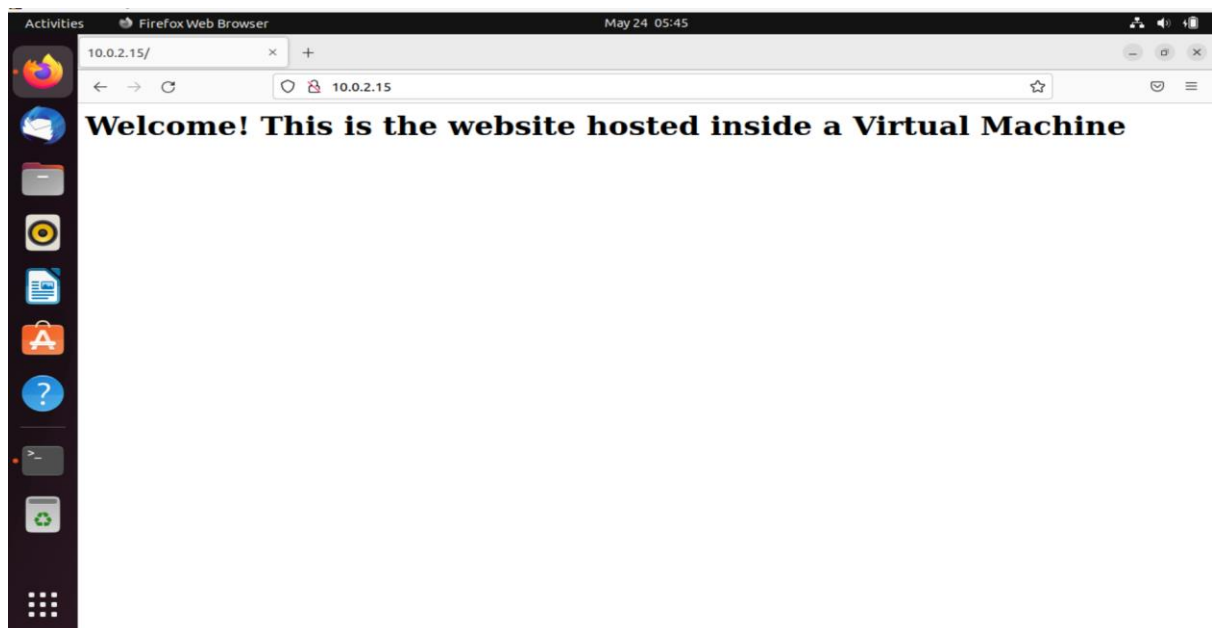
Nmap Output   Ports / Hosts   Topology   Host Details   Scans