

OPERATING SYSTEMS

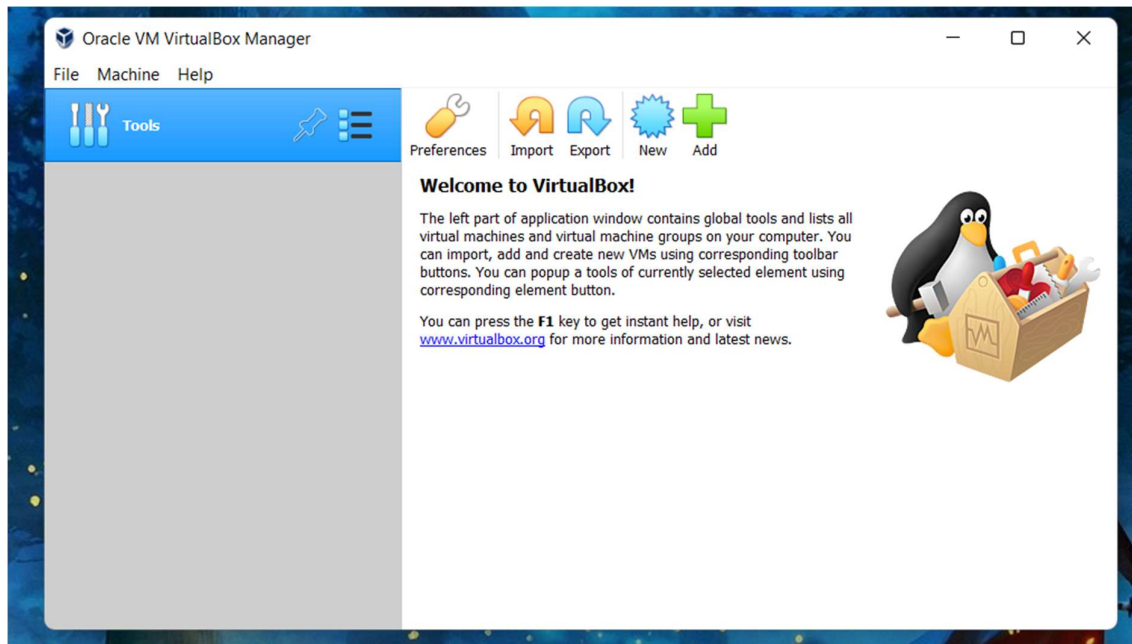
Lab-2: VM CREATION, CLONING, IMPORT EXPORT, SNAPSHOT

Name – Vinay Santosh Menon
Registration Number - 20BAI1103

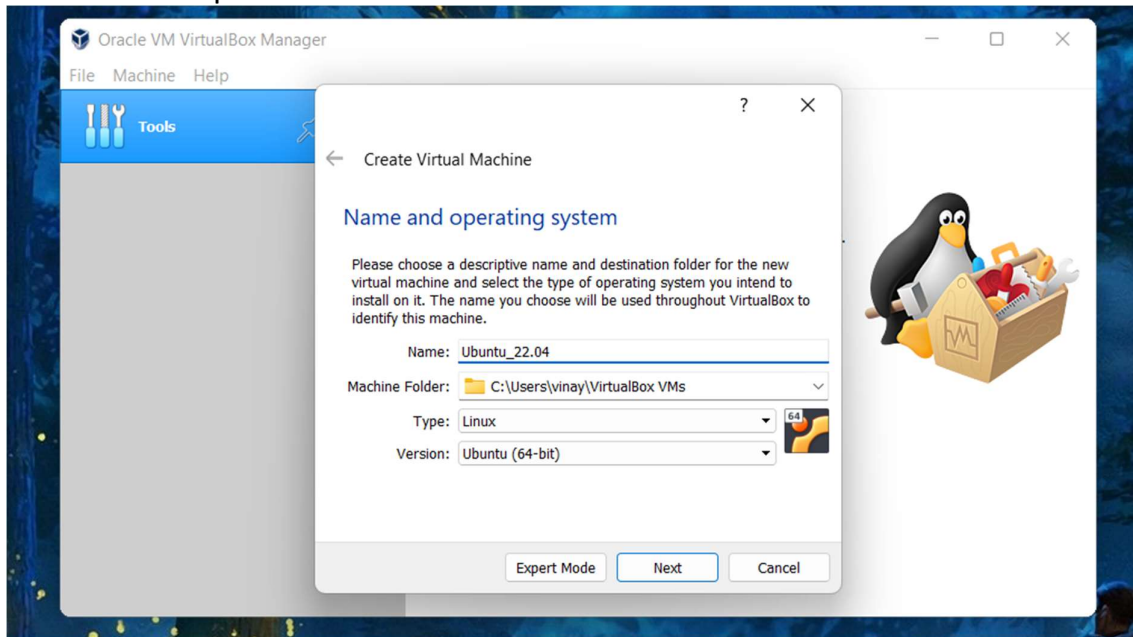
TASK:

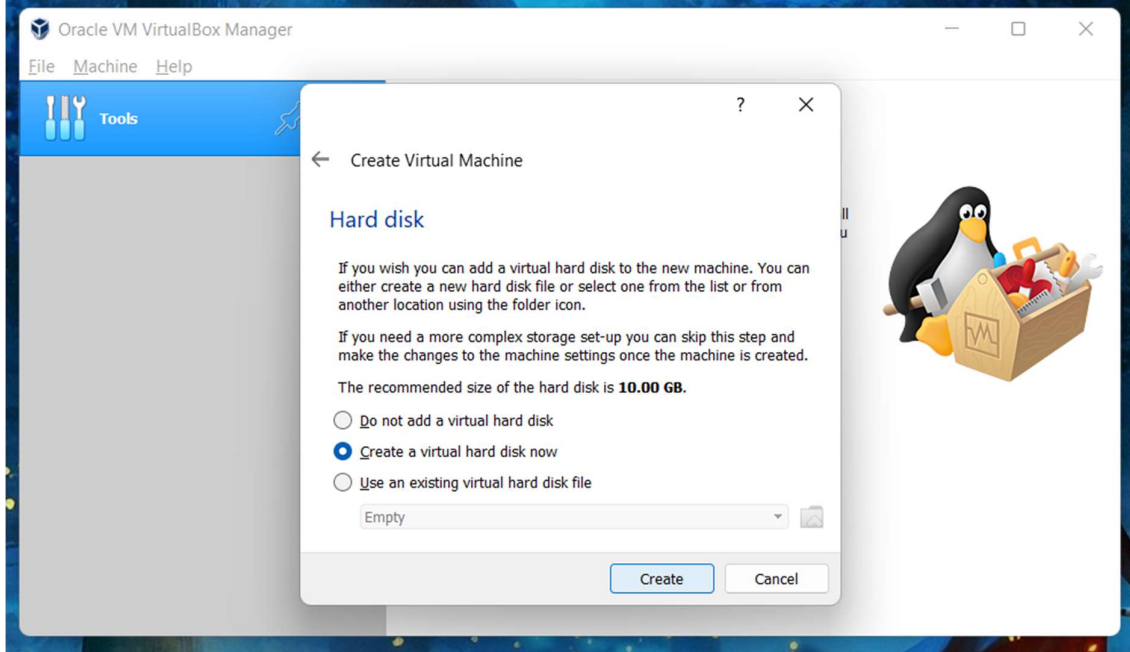
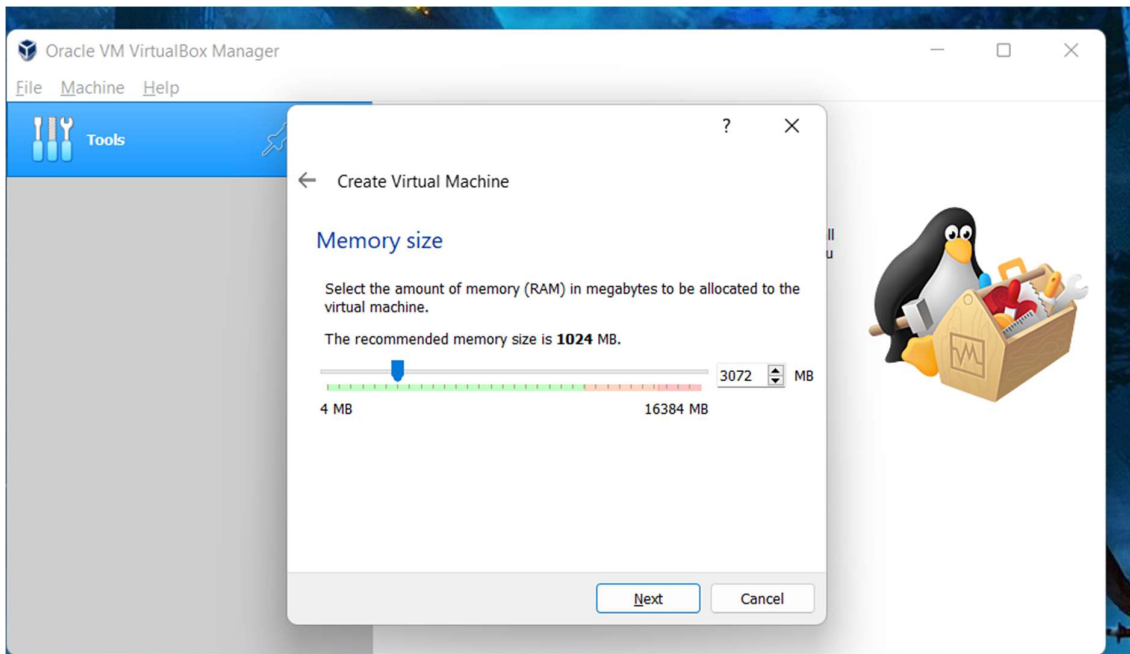
To demonstrate VirtualBox Virtual Machine Creation, Cloning, Import, Export and snapshots

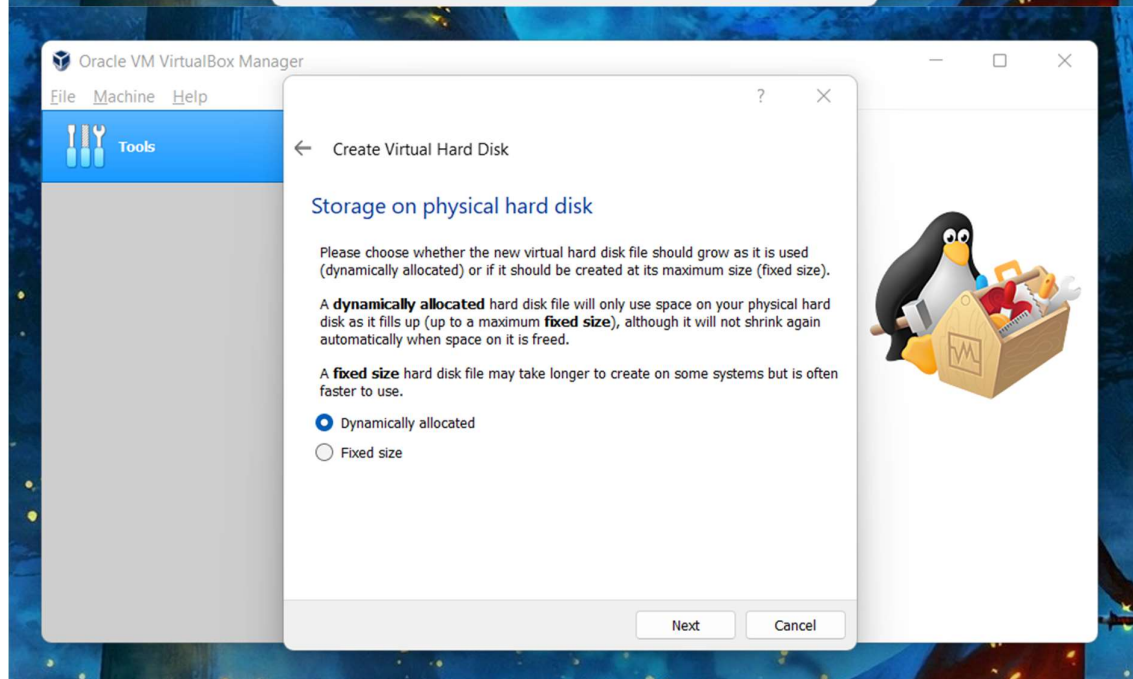
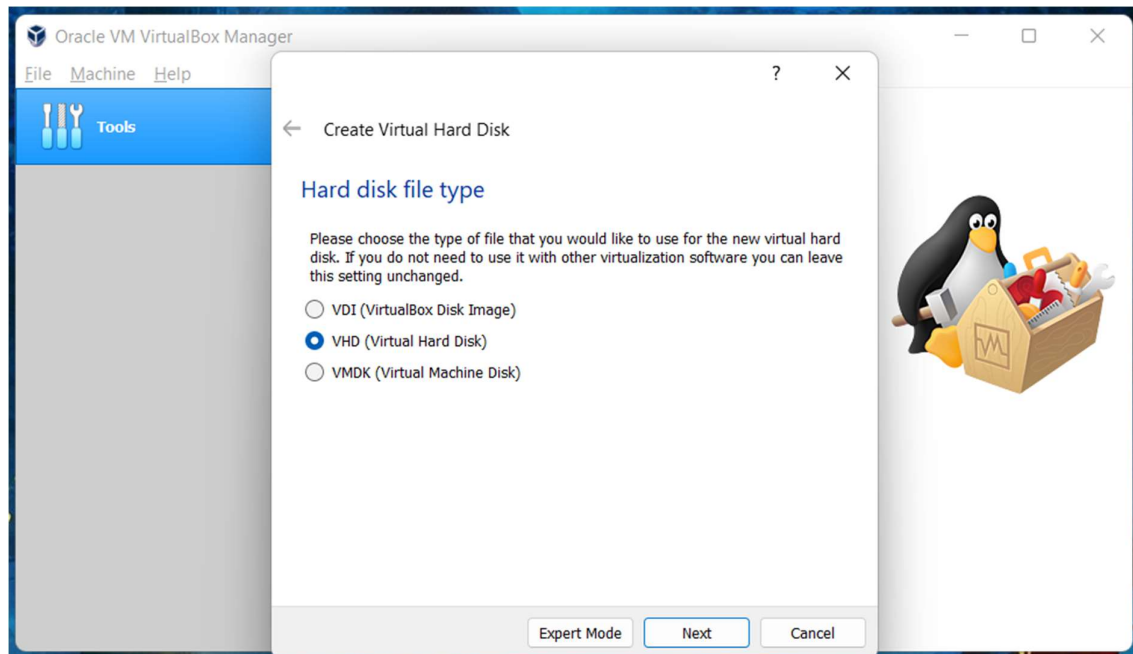
Creating Virtual Machine:

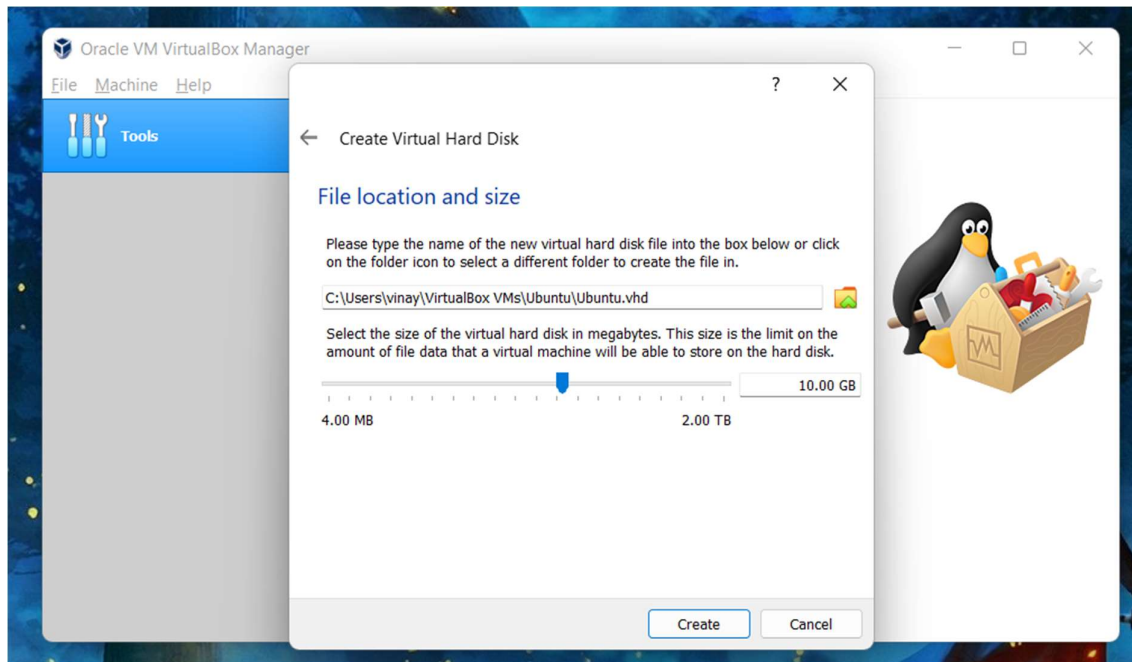


- Click on New to start creating a new Virtual Machine.
- Follow this procedure to **Create** a Ubuntu22.04 Virtual Machine:

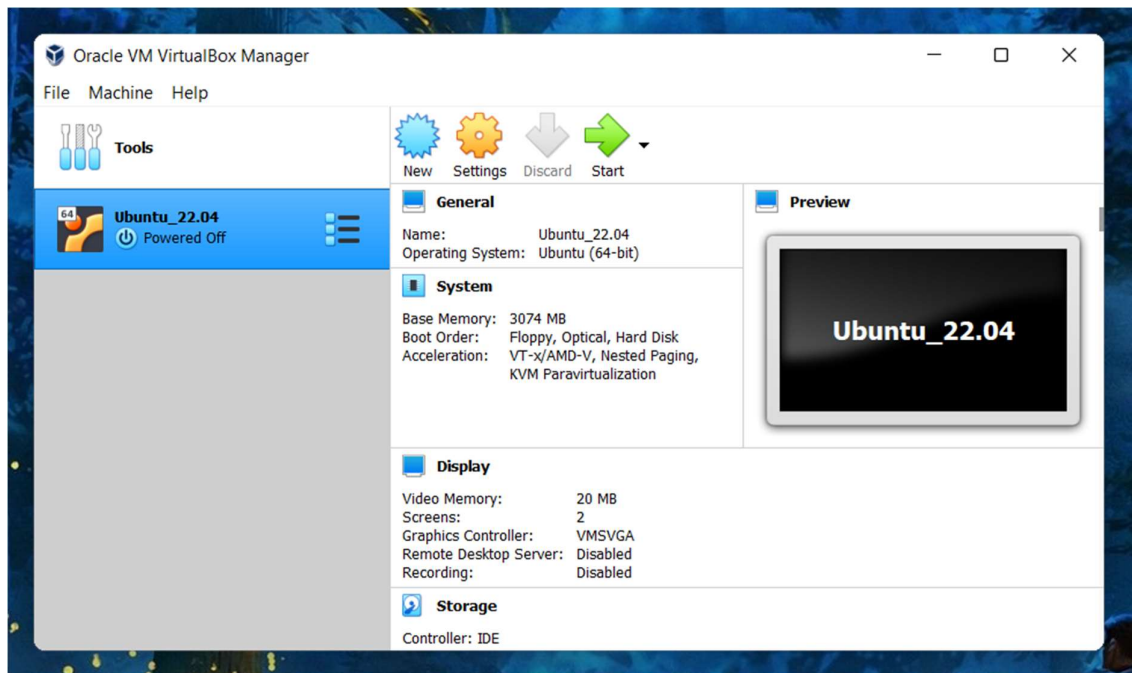




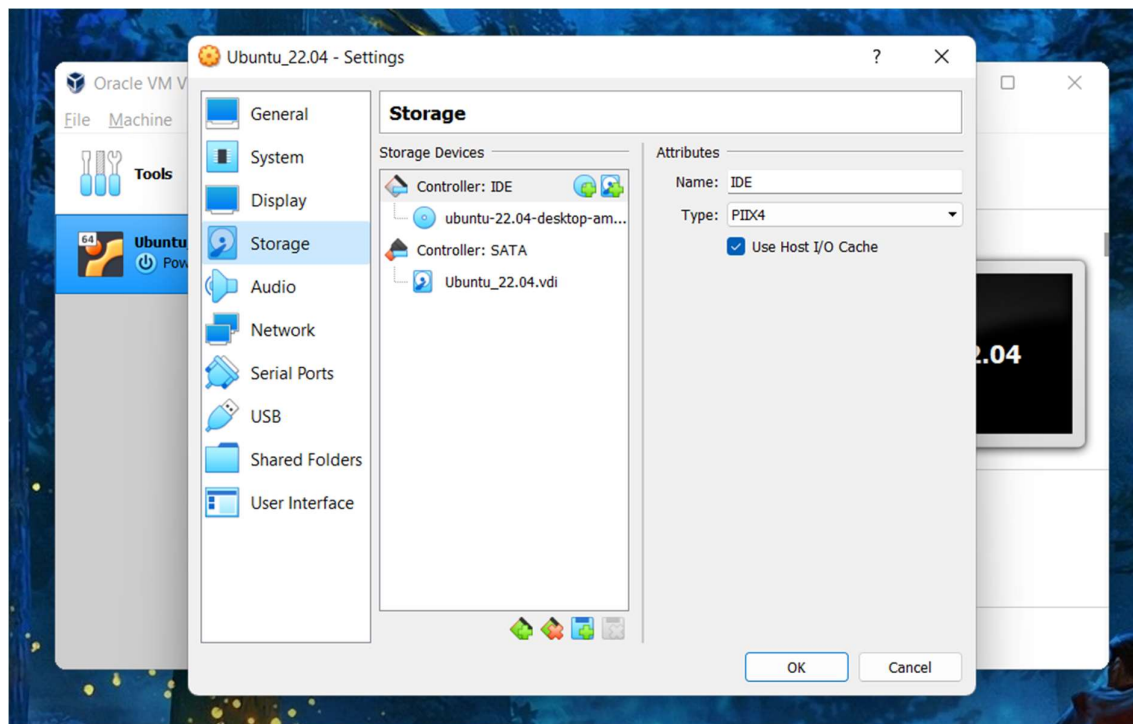




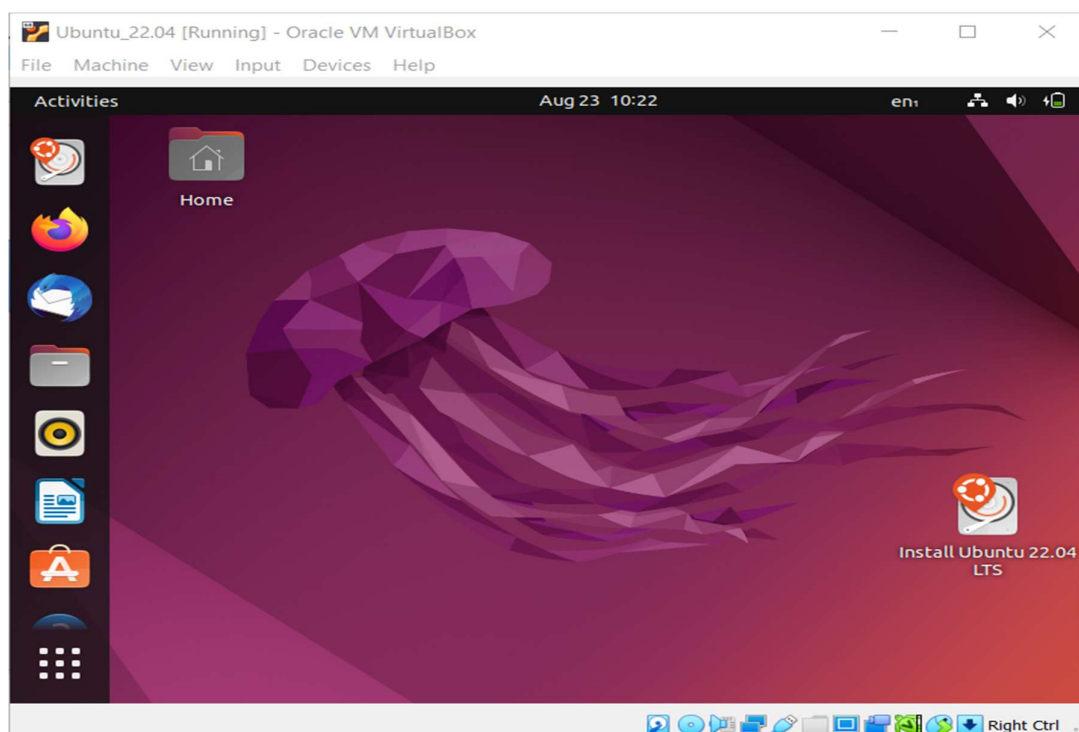
- Virtual Machine is now created.



- Go to settings to add the ISO image of Ubuntu22.04.

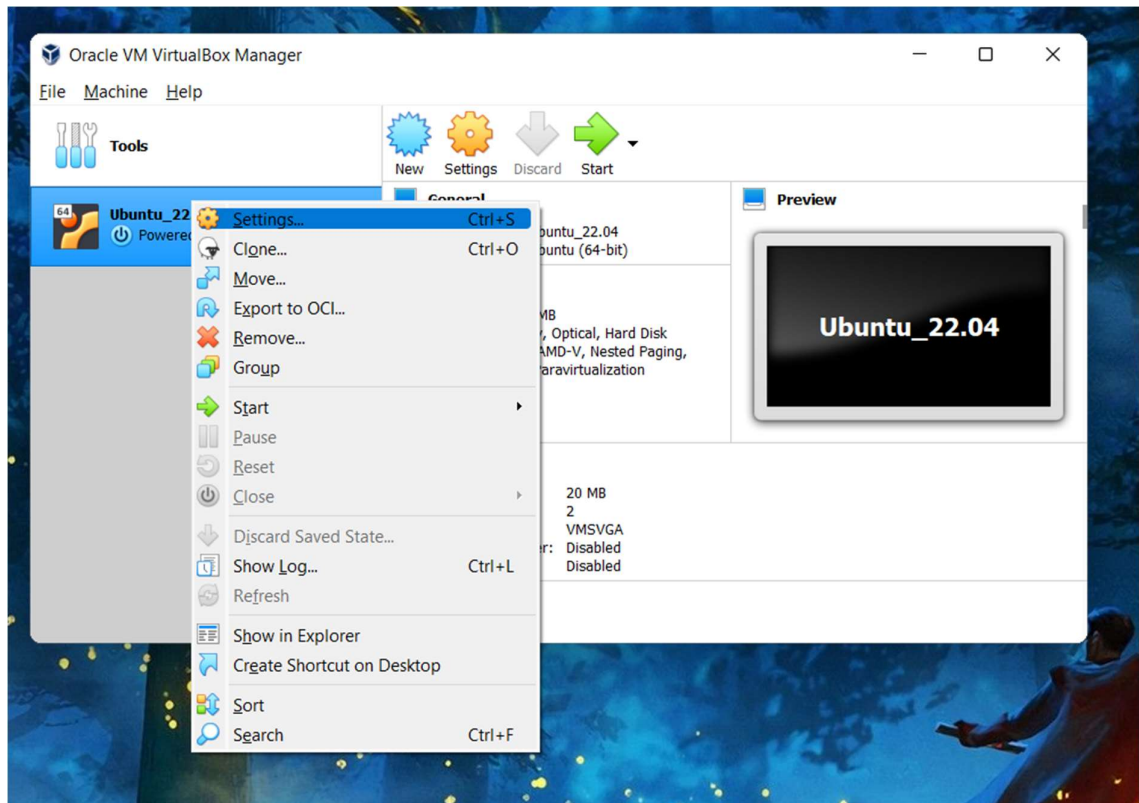


Ubuntu is up and running.

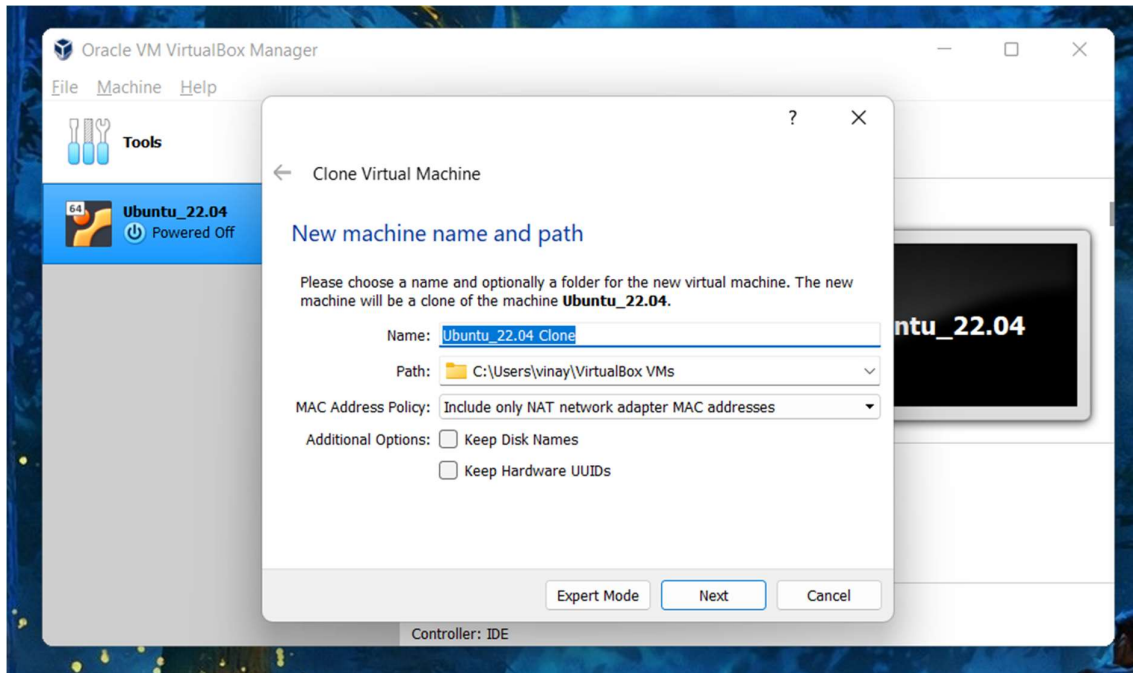


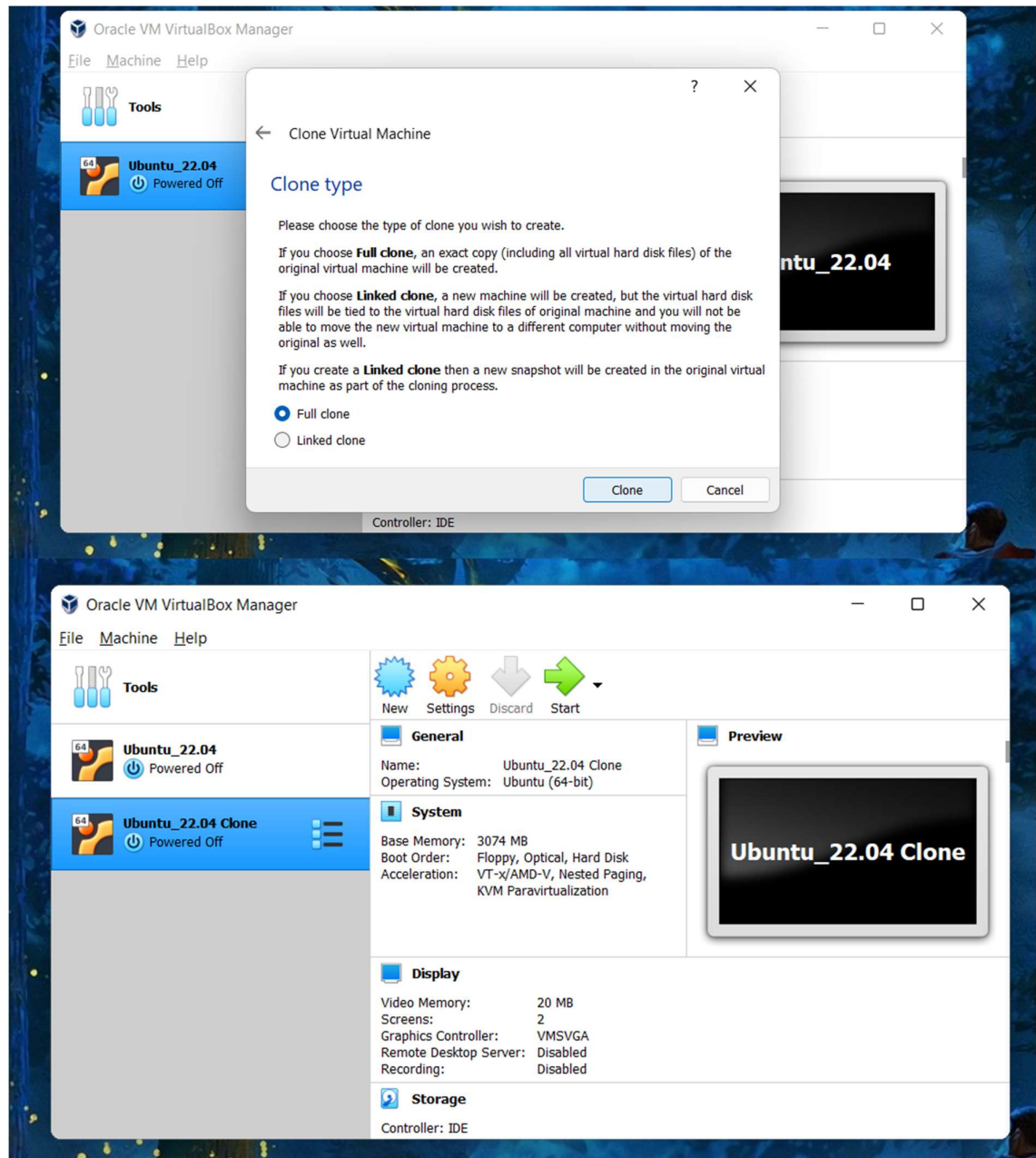
Cloning Virtual Machine:

- Right Click on VM and click clone



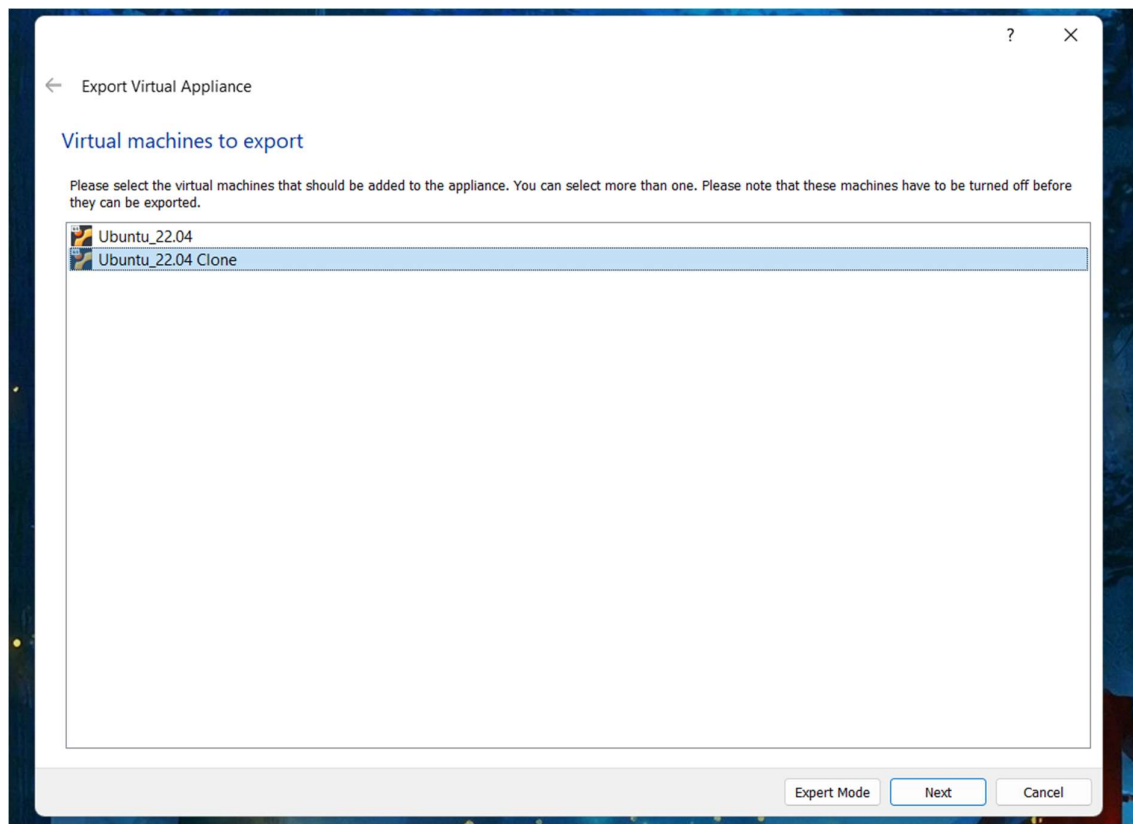
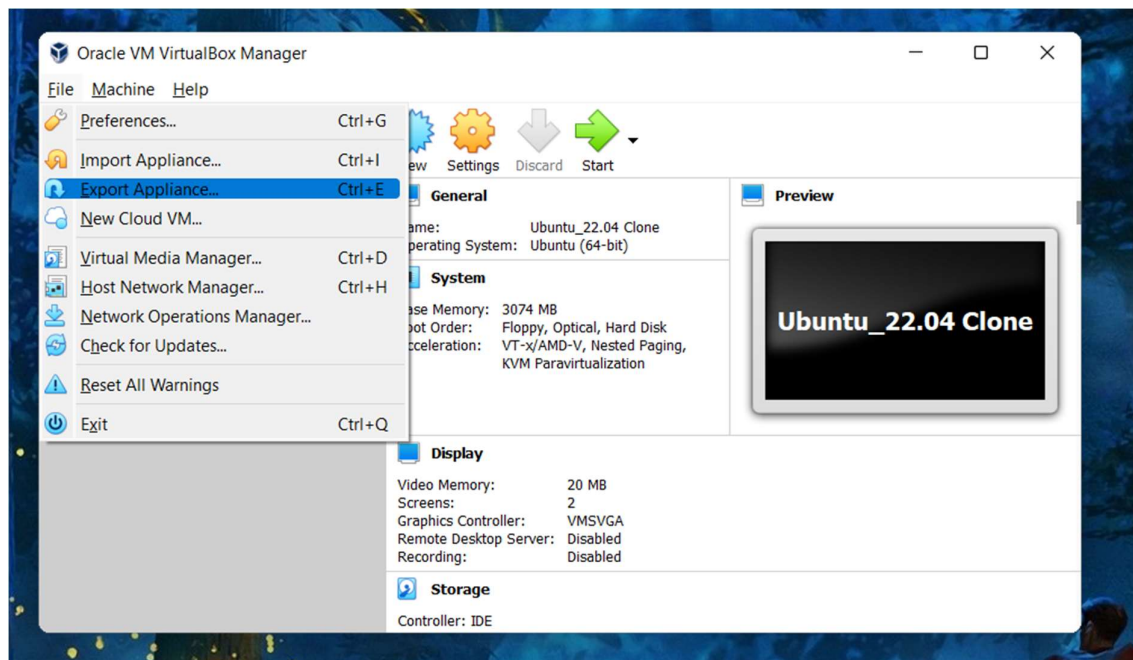
- Set details:



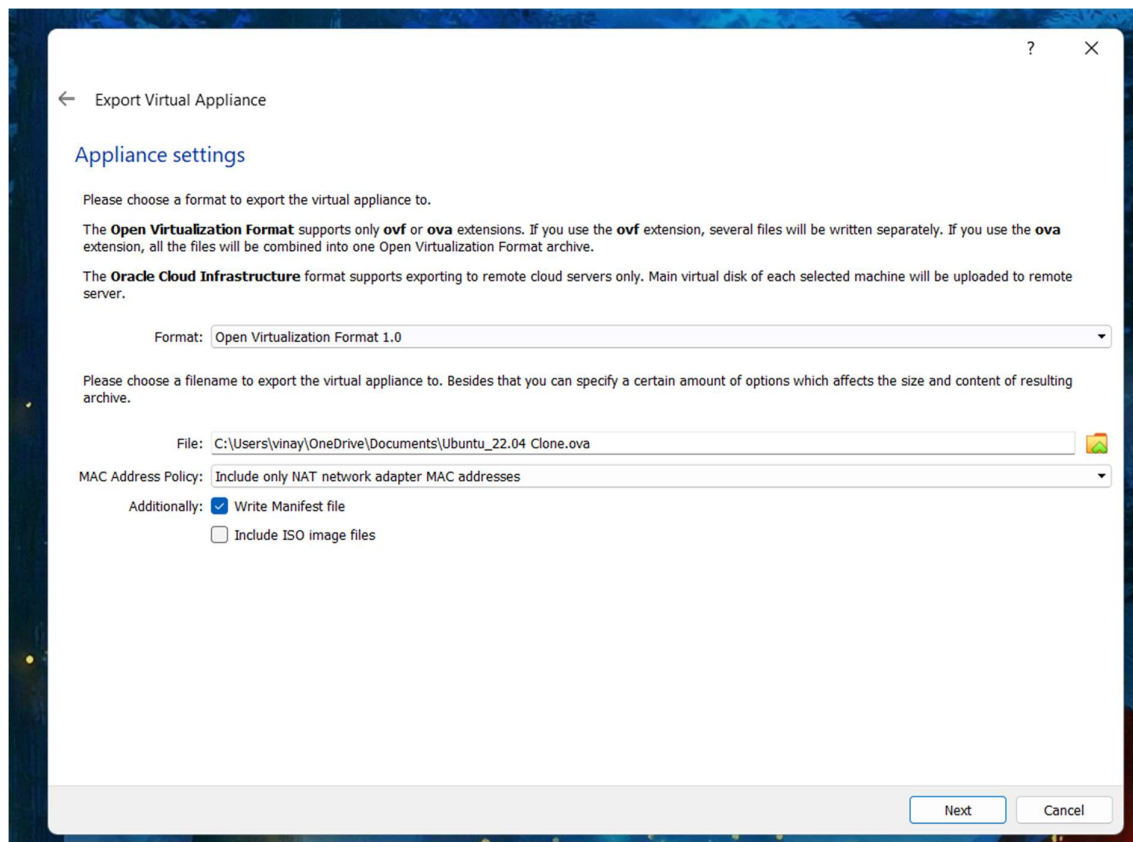


Export Virtual Machine:

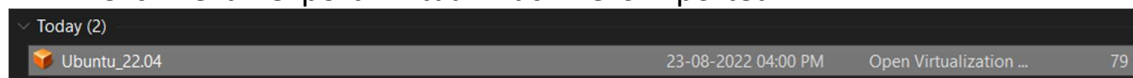
- Click on File > export appliance:



- Set the details.

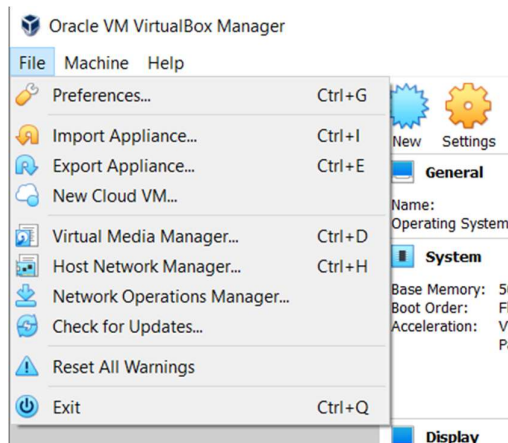


- Click next > export. Virtual Machine is Exported.

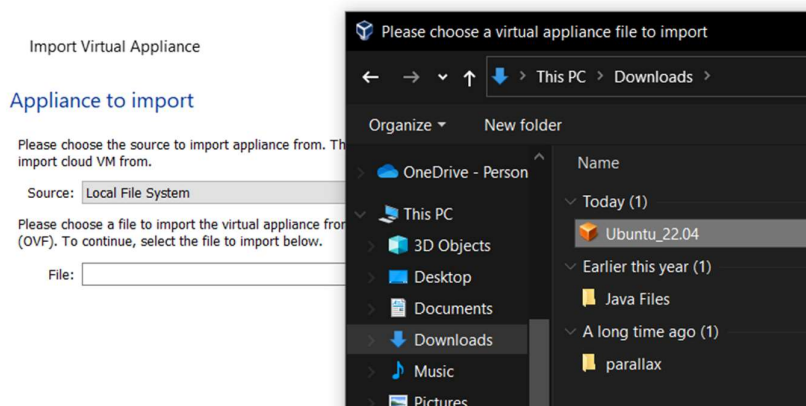


Importing Virtual Machine:

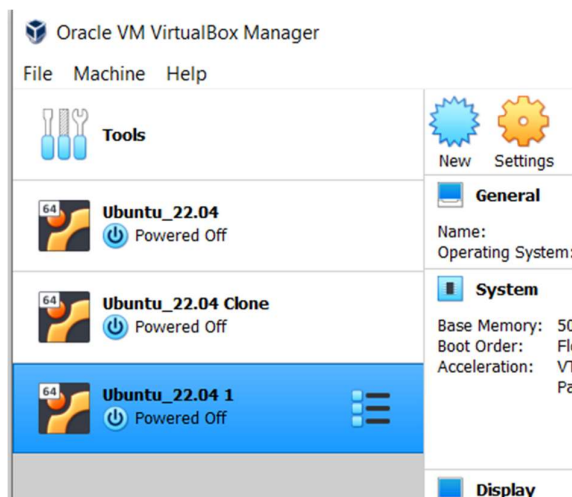
- Click on File > import appliance.



- Select file.

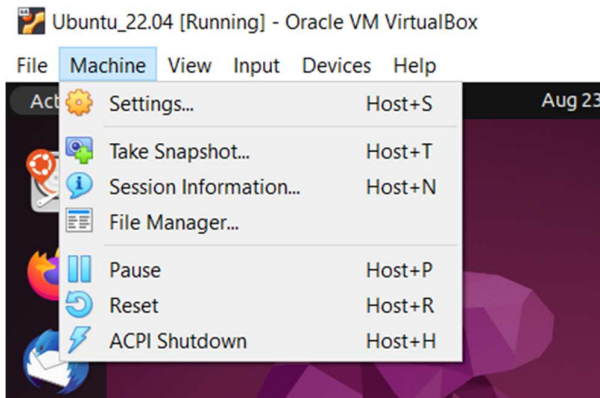


- Click next > import. Virtual Machine is imported.

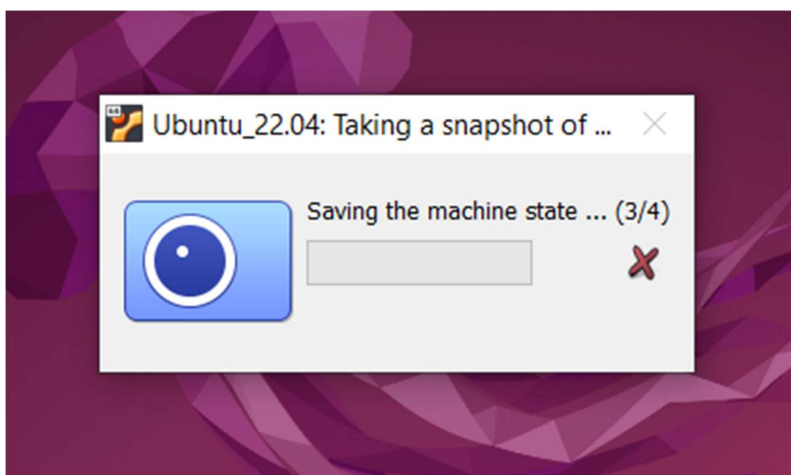
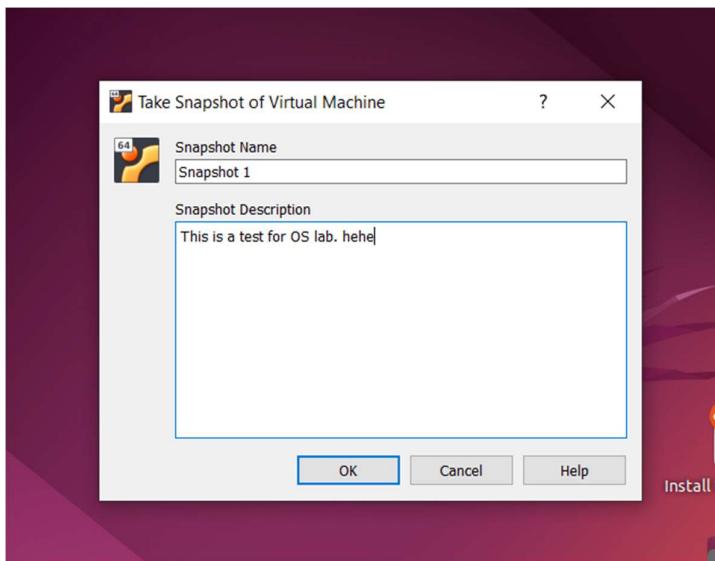


Creating Snapshot of Virtual Machine:

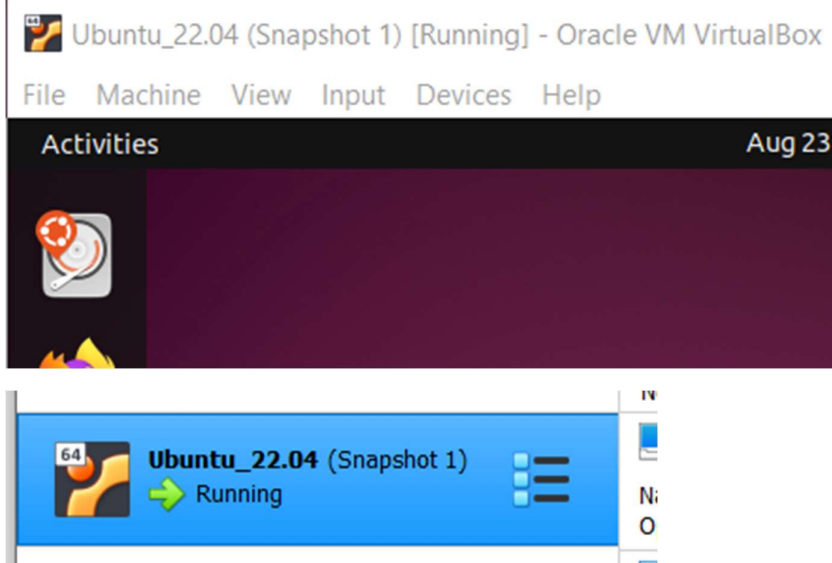
- First start up the Virtual machine.
- Inside the VM, Go to Machine > take snapshot.



- Fill the details.

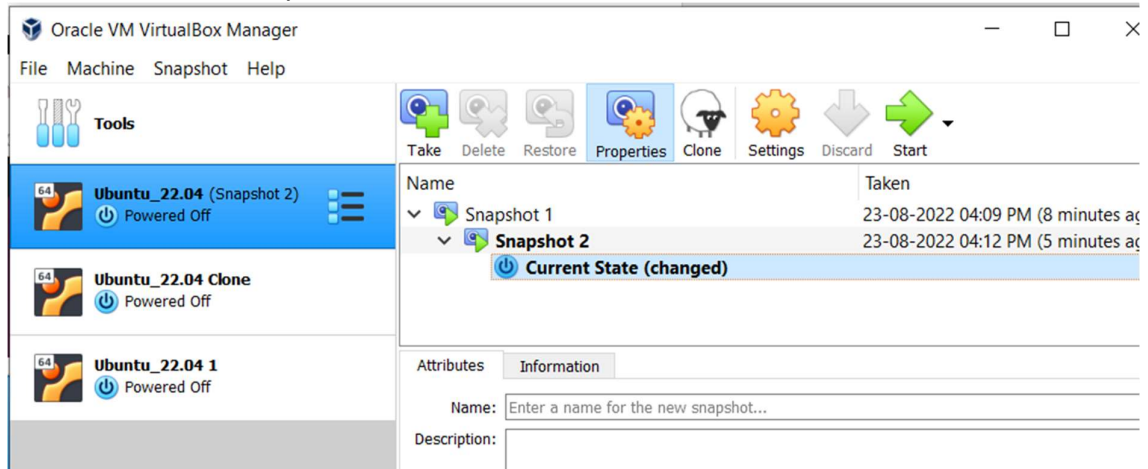


- Snapshot has been created and is running.

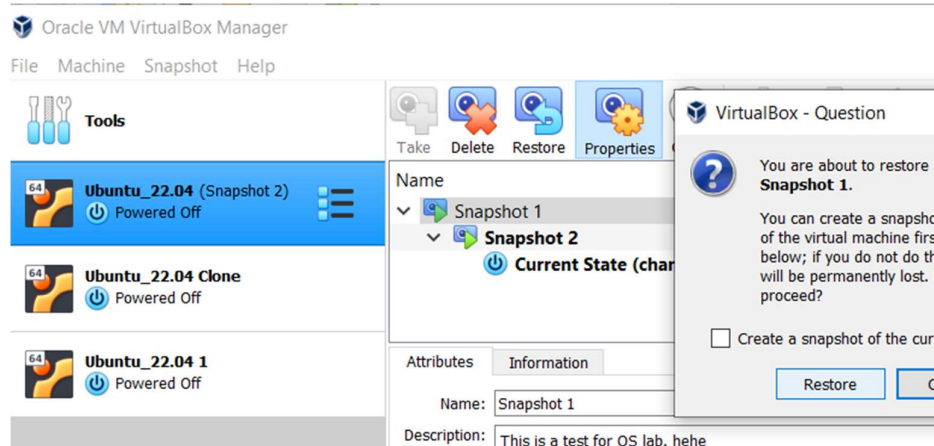


Restoring a snapshot:

- Available snapshots:



- Select snapshot you would like > click restore.



- Snapshot 1 has become the current state of VM.

