

## EXPERIMENT 7

Create a Virtual Hard Disk and allocate the storage using VM ware Workstation

1.click on create



2.click on next



3.click on I will install os later

The screenshot shows the 'New Virtual Machine Wizard' window, specifically the 'Guest Operating System Installation' step. The window title is 'New Virtual Machine Wizard' with a close button (X) in the top right corner. Below the title bar, the section is titled 'Guest Operating System Installation' with a subtitle: 'A virtual machine is like a physical computer; it needs an operating system. How will you install the guest operating system?'. The main area is labeled 'Install from:' and contains three radio button options. The first option is 'Installer disc:' with a dropdown menu showing 'No drives available'. The second option is 'Installer disc image file (iso):' with a text field containing 'E:\CC Lab Setup\ubuntu-18.04.3-desktop-amd64.iso' and a 'Browse...' button. The third option, 'I will install the operating system later.', is selected with a blue radio button. Below this option, a note states: 'The virtual machine will be created with a blank hard disk.' At the bottom of the window, there are four buttons: 'Help', '< Back', 'Next >', and 'Cancel'.

4.choose any guest os and click on next

The screenshot shows the 'New Virtual Machine Wizard' window, specifically the 'Select a Guest Operating System' step. The window title is 'New Virtual Machine Wizard' with a close button (X) in the top right corner. Below the title bar, the section is titled 'Select a Guest Operating System' with a subtitle: 'Which operating system will be installed on this virtual machine?'. The main area is labeled 'Guest operating system' and contains four radio button options: 'Microsoft Windows', 'Linux' (which is selected with a blue radio button), 'VMware ESX', and 'Other'. Below these options is a 'Version' section with a dropdown menu showing 'Ubuntu 64-bit'. At the bottom of the window, there are four buttons: 'Help', '< Back', 'Next >', and 'Cancel'.

5.click on next

New Virtual Machine Wizard

**Name the Virtual Machine**  
What name would you like to use for this virtual machine?

Virtual machine name:  
Ubuntu 64-bit (5)

Location:  
C:\Users\91801\OneDrive\Documents\Virtual Machines\Ubuntu Browse...

The default location can be changed at Edit > Preferences.

< Back   Next >   Cancel

6.select on store as single file and click on next

New Virtual Machine Wizard

**Specify Disk Capacity**  
How large do you want this disk to be?

The virtual machine's hard disk is stored as one or more files on the host computer's physical disk. These file(s) start small and become larger as you add applications, files, and data to your virtual machine.

Maximum disk size (GB):

Recommended size for Ubuntu 64-bit: 20 GB

☒ Store virtual disk as a single file  
☐ Split virtual disk into multiple files

Splitting the disk makes it easier to move the virtual machine to another computer but may reduce performance with very large disks.

Help < Back Next > Cancel

7.check all details and click on finish

New Virtual Machine Wizard

**Ready to Create Virtual Machine**  
Click Finish to create the virtual machine. Then you can install Ubuntu 64-bit.

The virtual machine will be created with the following settings:

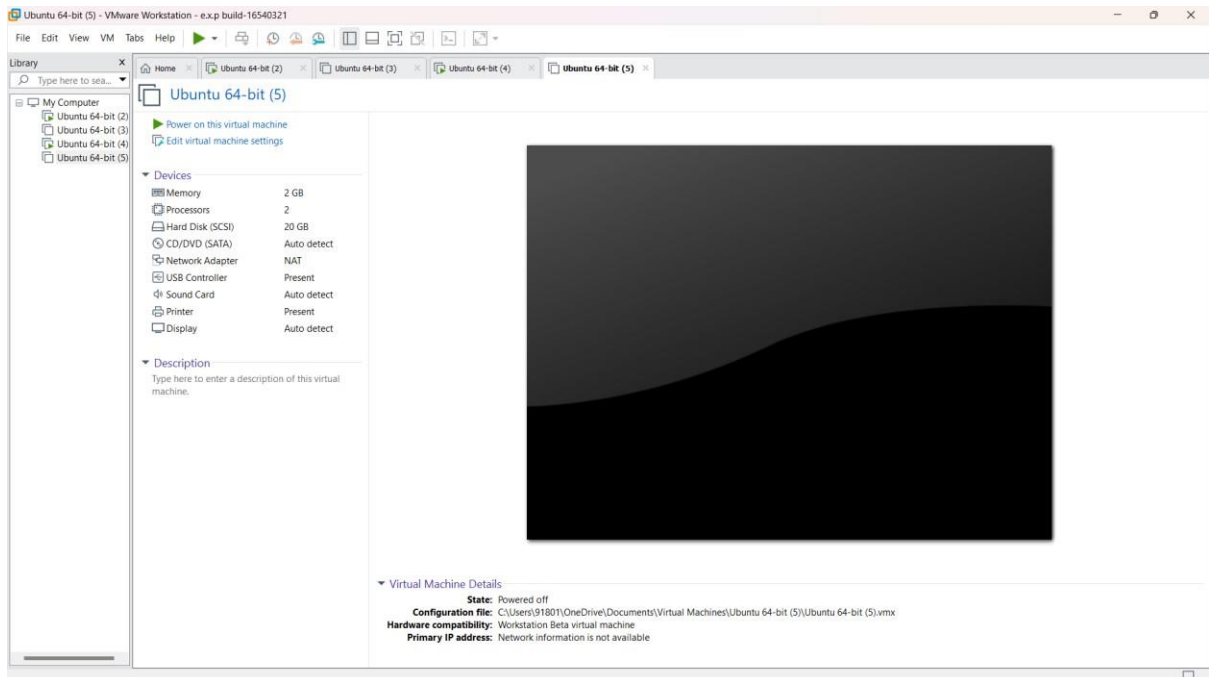
Name:	Ubuntu 64-bit (5)
Location:	C:\Users\91801\OneDrive\Documents\Virtual Machines\...
Version:	Workstation Beta
Operating System:	Ubuntu 64-bit
Hard Disk:	20 GB
Memory:	2048 MB
Network Adapter:	NAT
Other Devices:	2 CPU cores, CD/DVD, USB Controller, Printer, Sound C...

Customize Hardware...

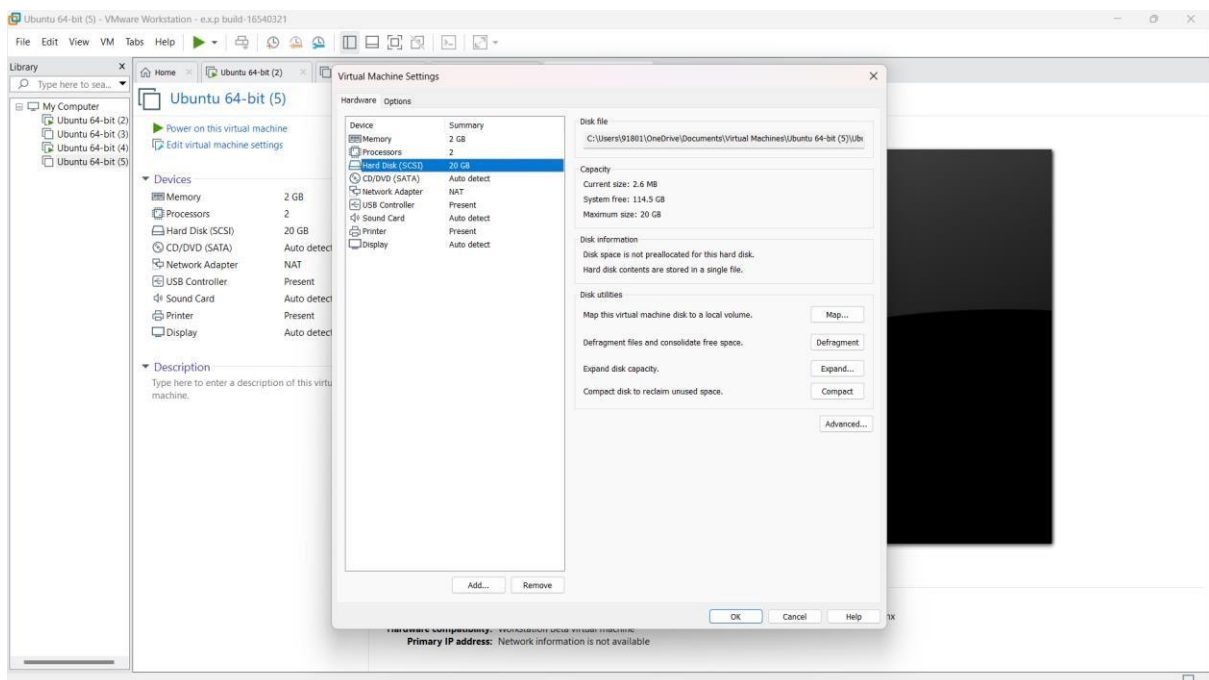
< Back Finish Cancel

8. finally it obtain like this

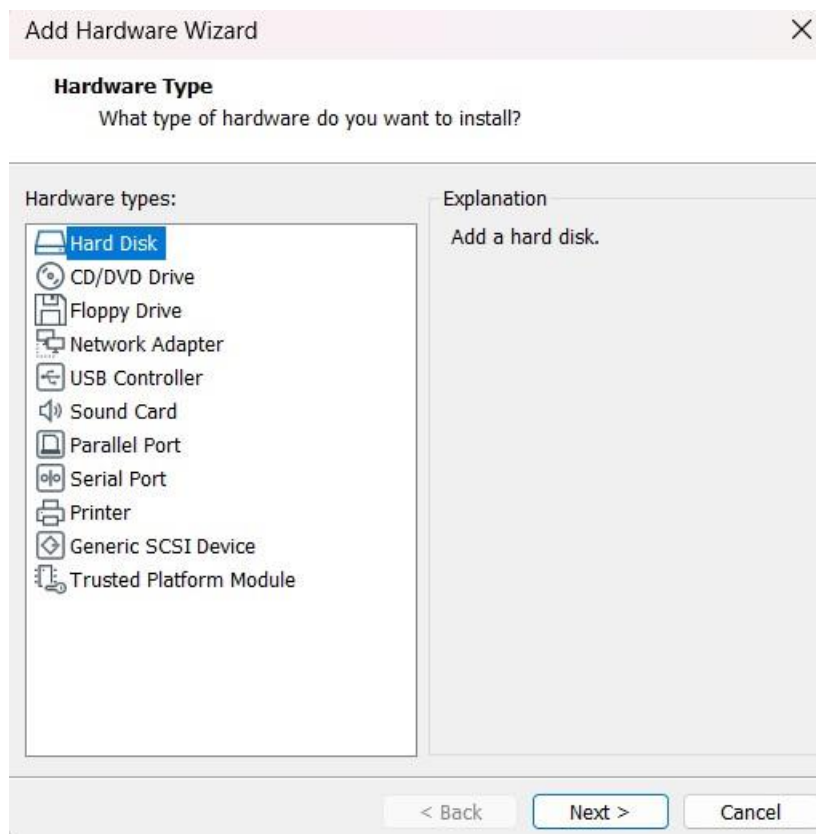
Now we have to allocate the storage using VM ware Workstation



9. double click on hardware and add hardware for storage



Click on next



Select any disk type

Add Hardware Wizard

Select a Disk

Which disk do you want to use?

Disk

☒ Create a new virtual disk

A virtual disk is composed of one or more files on the host file system, which will appear as a single hard disk to the guest operating system. Virtual disks can easily be copied or moved on the same host or between hosts.

☐ Use an existing virtual disk

Choose this option to reuse a previously configured disk.

☐ Use a physical disk (for advanced users)

Choose this option to give the virtual machine direct access to a local hard disk. Requires administrator privileges.

< Back

Next >

Cancel

Enter storage you want to add

Add Hardware Wizard

Specify Disk Capacity

How large do you want this disk to be?

Maximum disk size (GB):

Recommended size for Ubuntu 64-bit: 20 GB

☐ Allocate all disk space now.

Allocating the full capacity can enhance performance but requires all of the physical disk space to be available right now. If you do not allocate all the space now, the virtual disk starts small and grows as you add data to it.

☐ Store virtual disk as a single file

☒ Split virtual disk into multiple files

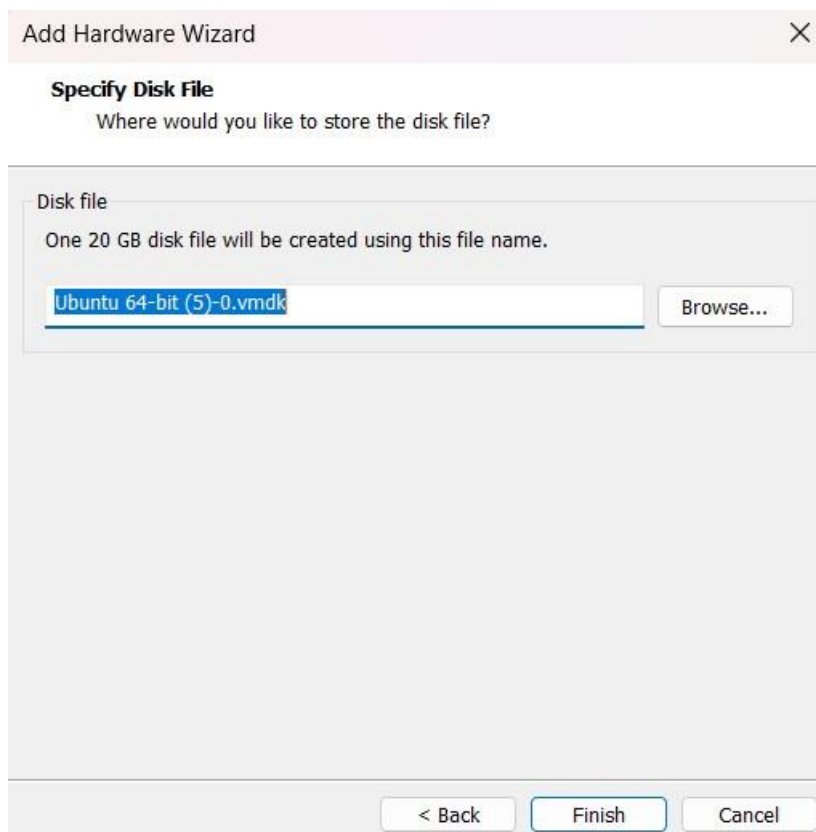
Splitting the disk makes it easier to move the virtual machine to another computer but may reduce performance with very large disks.

< Back

Next >

Cancel

Click on finish



And finally allocated the storage using VM ware Workstation

