

Aim:

To create a Virtual Hard Disk & allocate the storage using VMware Workstation.

Procedure:

- 1) Install VMware Workstation
- 2) open any file
- 3) click on VM & go to settings
- 4) select Add option after clicking hard disk
- 5) Add Hardware wizard click on next option
- 6) Select SCSI virtual disk type & click on next option
- 7) Select disk like create a new virtual disk & click on next option.
- 8) Specify Disk Capacity of split Virtual disk into multiple files
- 9) One 2GB disk file will be created using the file name
- 10) click on finish button
- 11) There you can see the new hard disk (SCSI) can be created.

Output Results:

Creation of Virtual Hard disk & allocating storage using VM workstation is Successfully done.

Ubuntu 64-bit

Power on this virtual machine

Edit virtual machine settings

▼ Devices

	Memory	2 GB
	Processors	2
	Hard Disk (SCSI)	2 GB
	CD/DVD (SATA)	Auto detect
	Network Adapter	NAT
	USB Controller	Present
	Sound Card	Auto detect
	Printer	Present
	Display	Auto detect

▼ Description

Type here to enter a description of this virtual machine.

Virtual Machine Settings

Hardware Options

Device	Summary
Memory	2 GB
Processors	2
Hard Disk (SCSI)	2 GB
CD/DVD (SATA)	Auto detect
Network Adapter	NAT
USB Controller	Present
Sound Card	Auto detect
Printer	Present
Display	Auto detect

Add...

Remove

Disk file

C:\Users\DERANGULA ASRITHA\OneDrive\Documents\Virtual Machines\Ubuntu

Capacity

Current size: 320 KB

System free: 276.0 GB

Maximum size: 2 GB

Disk information

Disk space is not preallocated for this hard disk.

Hard disk contents are stored in multiple files.

Disk utilities

Defragment files and consolidate free space.

Defragment

Expand disk capacity.

Expand...

Compact disk to reclaim unused space.

Compact

Advanced...

OK

Cancel

Help

Ubuntu 64-bit

Power on this virtual machine

Edit virtual machine settings

Devices

Memory	2 GB
Processors	2
Hard Disk (SCSI)	2 GB
CD/DVD (SATA)	Auto detect
Network Adapter	NAT
USB Controller	Present
Sound Card	Auto detect
Printer	Present
Display	Auto detect

Description

Type here to enter a description of this virtual machine.

Virtual Machine Settings

Hardware Options

Device	Summary
Memory	2 GB
Processors	2
Hard Disk (SCSI)	2 GB
CD/DVD (SATA)	Auto detect
Network Adapter	
USB Controller	
Sound Card	
Printer	
Display	

Disk file

C:\Users\DERANGULA ASRJTHA\OneDrive\Documents\Virtual Machines\Ubuntu

Capacity

Current size: 320 KB

Add Hardware Wizard

Hardware Type

What type of hardware do you want to install?

Hardware types:

- ☒ Hard Disk
- ☐ CD/DVD Drive
- ☐ Floppy Drive
- ☐ Network Adapter
- ☐ USB Controller
- ☐ Sound Card
- ☐ Parallel Port
- ☐ Serial Port
- ☐ Printer
- ☐ Generic SCSI Device
- ☐ Trusted Platform Module

Explanation

Add a hard disk.

< Back

Next >

Cancel

Add...

Remove

Defragment

Expand...

Compact

Advanced...

OK

Cancel

Help

Ubuntu 64-bit

- ▶ Power on this virtual machine
- ✎ Edit virtual machine settings

▼ Devices

Memory	2 GB
Processors	2
Hard Disk (SCSI)	2 GB
CD/DVD (SATA)	Auto detect
Network Adapter	NAT
USB Controller	Present
Sound Card	Auto detect
Printer	Present
Display	Auto detect

▼ Description

Type here to enter a description of this virtual machine.

Virtual Machine Settings

Hardware Options

Device	Summary
Memory	2 GB
Processors	2
Hard Disk (SCSI)	2 GB
CD/DVD (SATA)	Auto detect
Network Adapter	
USB Controller	
Sound Card	
Printer	
Display	

Disk file

C:\Users\DERANGULA ASRITHA\OneDrive\Documents\Virtual Machines\Ubuntu

Capacity

Current size: 320 KB

Add Hardware Wizard

Select a Disk Type

What kind of disk do you want to create?

Virtual disk type

- ☐ IDE
- ☒ SCSI (Recommended)
- ☐ SATA
- ☐ NVMe

< Back

Next >

Cancel

Add...

Remove

Defragment

Expand...

Compact

Advanced...

OK

Cancel

Help

Ubuntu 64-bit

- ▶ Power on this virtual machine
- 🔧 Edit virtual machine settings

▼ Devices

Memory	2 GB
Processors	2
Hard Disk (SCSI)	2 GB
CD/DVD (SATA)	Auto detect
Network Adapter	NAT
USB Controller	Present
Sound Card	Auto detect
Printer	Present
Display	Auto detect

▼ Description

Type here to enter a description of this virtual machine.

Virtual Machine Settings

Hardware Options

Device	Summary
Memory	2 GB
Processors	2
Hard Disk (SCSI)	2 GB
New Hard Disk (SCSI)	15 GB
CD/DVD (SATA)	Auto detect
Network Adapter	NAT
USB Controller	Present
Sound Card	Auto detect
Printer	Present
Display	Auto detect

Add... Remove

Disk file

Ubuntu 64-bit-0.vmdk

Capacity

Current size: 1.9 MB
System free: 276.0 GB
Maximum size: 15 GB

Disk information

Disk space is not preallocated for this hard disk.
Hard disk contents are stored in multiple files.

Disk utilities

Defragment files and consolidate free space.

Defragment

Expand disk capacity.

Expand...

Compact disk to reclaim unused space.

Compact

Advanced...

OK Cancel Help