DATE: 21.08.2025

EXPERIMENT – 17 Change Hardware compatibility of a VM (Either by clone/create new one) which is already created and configured using vmware workstation.

Aim:

To change the hardware compatibility of an already created and configured VM using VMware Workstation.

Procedure:

1. Open VMware Workstation and select the VM whose hardware compatibility needs to be changed.

2. Ensure the VM is powered off.

3. Right-click on the VM → select Manage → Change Hardware Compatibility.

4. The Change Hardware Compatibility Wizard opens.

5. Select the desired VMware Workstation version for compatibility (e.g., Workstation 15.x, 16.x, etc.).

6. Choose whether to create a new clone of the VM or directly upgrade the existing one.

7. Review the settings and click Finish.

8. Once completed, start the VM to verify compatibility with the selected VMware version.

Output:

New Virtual Machine Wizard ✕

Guest Operating System Installation

A virtual machine is like a physical computer; it needs an operating system. How will you install the guest operating system?

Install from:

○ Installer disc:

No drives available ⌄

○ Installer disc image file (iso):

[   ] ⌄   Browse...

⦿ I will install the operating system later.

The virtual machine will be created with a blank hard disk.

New Virtual Machine Wizard ✕

Select a Guest Operating System

Which operating system will be installed on this virtual machine?

Guest operating system

○ Microsoft Windows
⦿ Linux
○ VMware ESX
○ Other

Version

Ubuntu ⌄

| Help | | < Back | Next > | Cancel |

New Virtual Machine Wizard

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

Virtual machine name:

Ubuntu (2)

Location:

C:\Users\RACHITHA\Documents\Virtual Machines\Ubuntu (2)   Browse...

The default location can be changed at Edit > Preferences.

< Back   Next >   Cancel

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):   20.0

Recommended size for Ubuntu: 20 GB

○ Store virtual disk as a single file
● Split virtual disk into multiple files
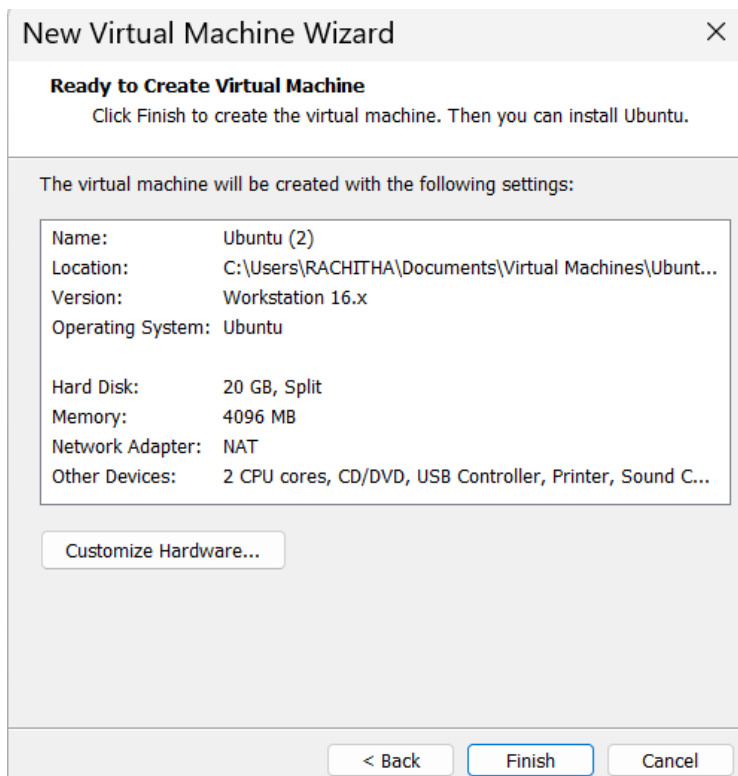
Splitting the disk makes it easier to move the virtual machine to another computer but may reduce performance with very large disks.

Help   < Back   Next >   Cancel

New Virtual Machine Wizard ✕

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

The virtual machine will be created with the following settings:

Name:	Ubuntu (2)
Location:	C:\Users\RACHITHA\Documents\Virtual Machines\Ubunt...
Version:	Workstation 16.x
Operating System:	Ubuntu
Hard Disk:	20 GB, Split
Memory:	4096 MB
Network Adapter:	NAT
Other Devices:	2 CPU cores, CD/DVD, USB Controller, Printer, Sound C...

Customize Hardware...

< Back   Finish   Cancel

Change Hardware Compatibility Wizard ✕

VMWARE
WORKSTATION
PRO™ 16

Welcome to the Change Hardware Compatibility Wizard

Welcome to the change hardware compatibility wizard. This wizard lets you upgrade or change a virtual machine from one virtual hardware generation to another, allowing the virtual machine to work with a different generation of products.

< Back   Next >   Cancel

Change Hardware Compatibility Wizard ✕

Choose the Virtual Machine Hardware Compatibility
Which compatibility format would you like to convert to?

Virtual machine hardware compatibility

Hardware	Workstation 16.x ⌄
Compatible	☑ ESX Server

Compatible products:

Fusion 12.x
Workstation 16.x

Limitations:

128 GB memory
32 processors
10 network adapters
8 TB disk size
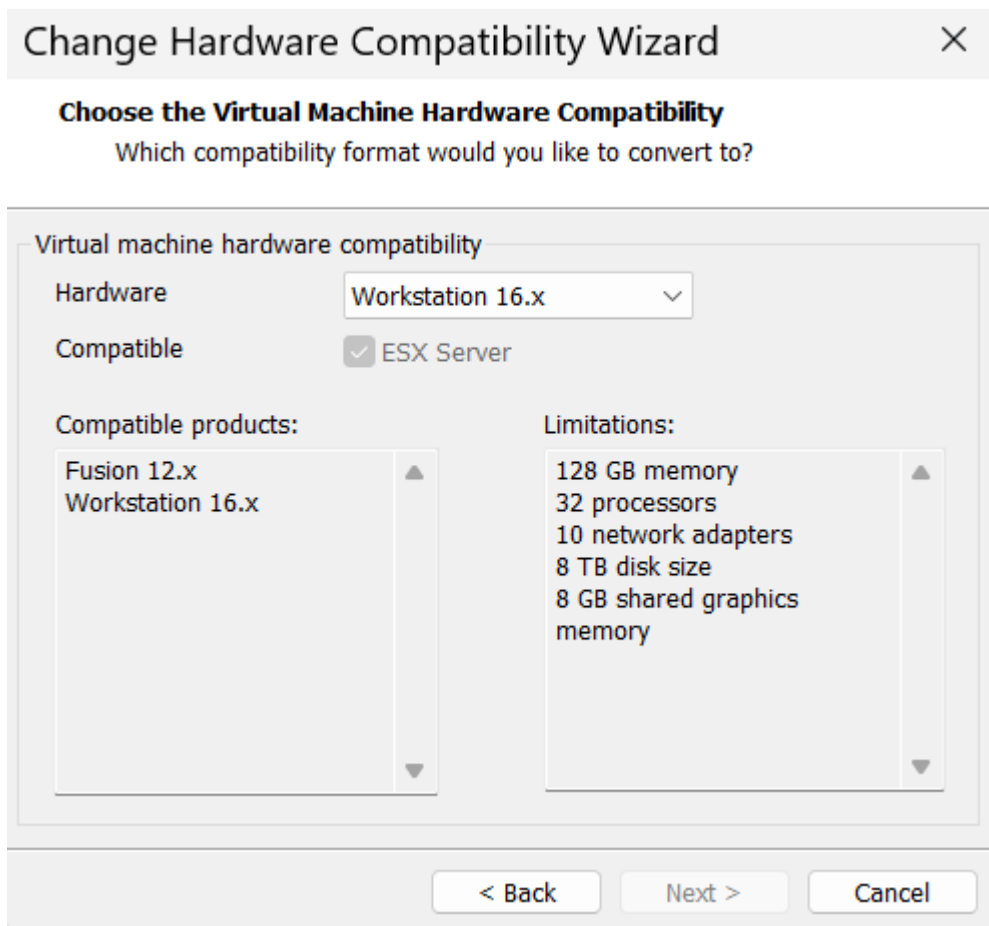8 GB shared graphics
memory

[< Back] [Next >] [Cancel]

Result:

The hardware compatibility of the VM was successfully changed to the selected VMware Workstation version, and the VM operated correctly after the upgrade.