

EXP– 12 Demonstrate virtualization by Installing Type-2 Hypervisor in your device, create and configure VM image with a Host Operating system (Either Windows/Linux), using VMware workstation

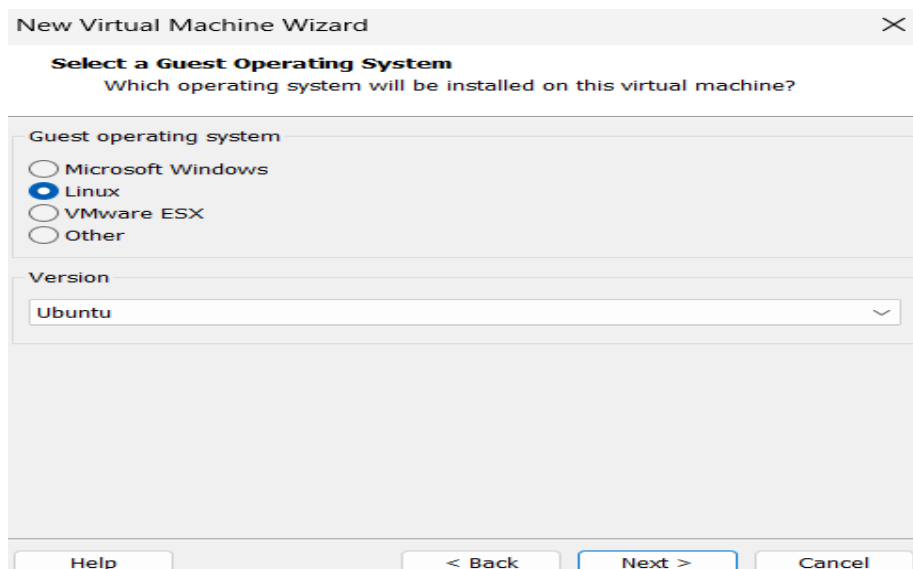
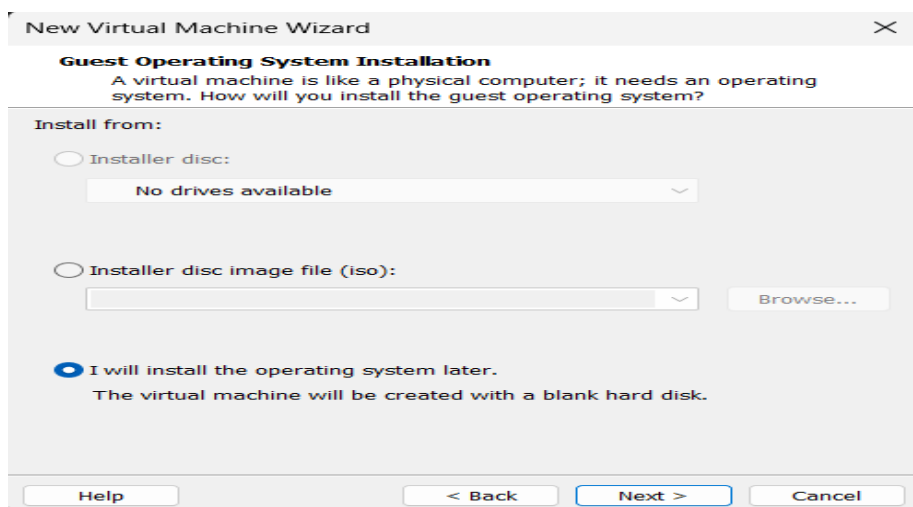
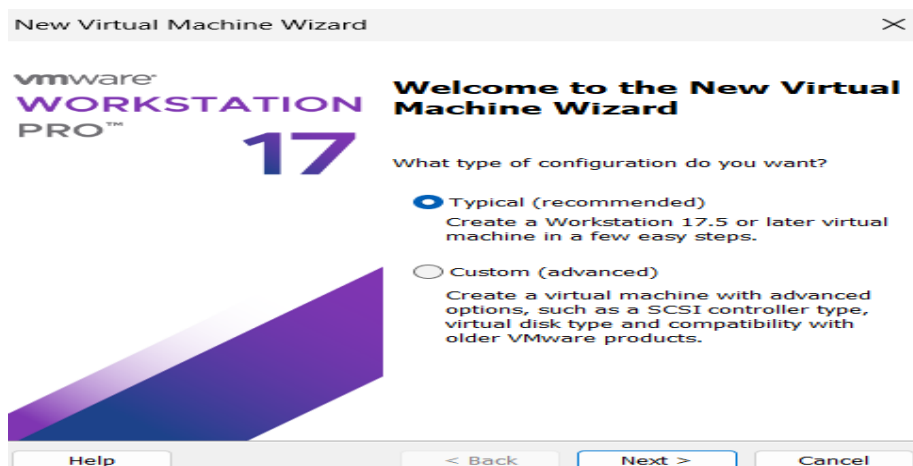
AIM:

To demonstrate virtualization by Installing Type-2 Hypervisor in your device, create and configure VM image with a Host Operating system (Either Windows/Linux), using VMware workstation

PROCEDURE :

- Download and install VMware Workstation on your system.
- Enable virtualization support (VT-x/AMD-V) in BIOS/UEFI.
- Open VMware Workstation and create a new virtual machine.
- Select the installer ISO file of Windows/Linux as guest OS.
- Provide a VM name and choose storage location.
- Allocate CPU cores, sufficient RAM (at least 4 GB), and disk space (40–60 GB).
- Configure the network adapter as NAT or Bridged for internet access.
- Power on the VM and complete guest OS installation.
- Install VMware Tools to enable better performance and features.
- Update the guest OS and check internet connectivity.
- Demonstrate both host and guest OS running simultaneously with resource sharing.

OUTPUT :



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\raksh\OneDrive\Documents\Virtual Machines\Ubuntu
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

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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\raksh\OneDrive\Documents\Virtual Machines\...
Version: Workstation 17.5 or later
Operating System: Ubuntu

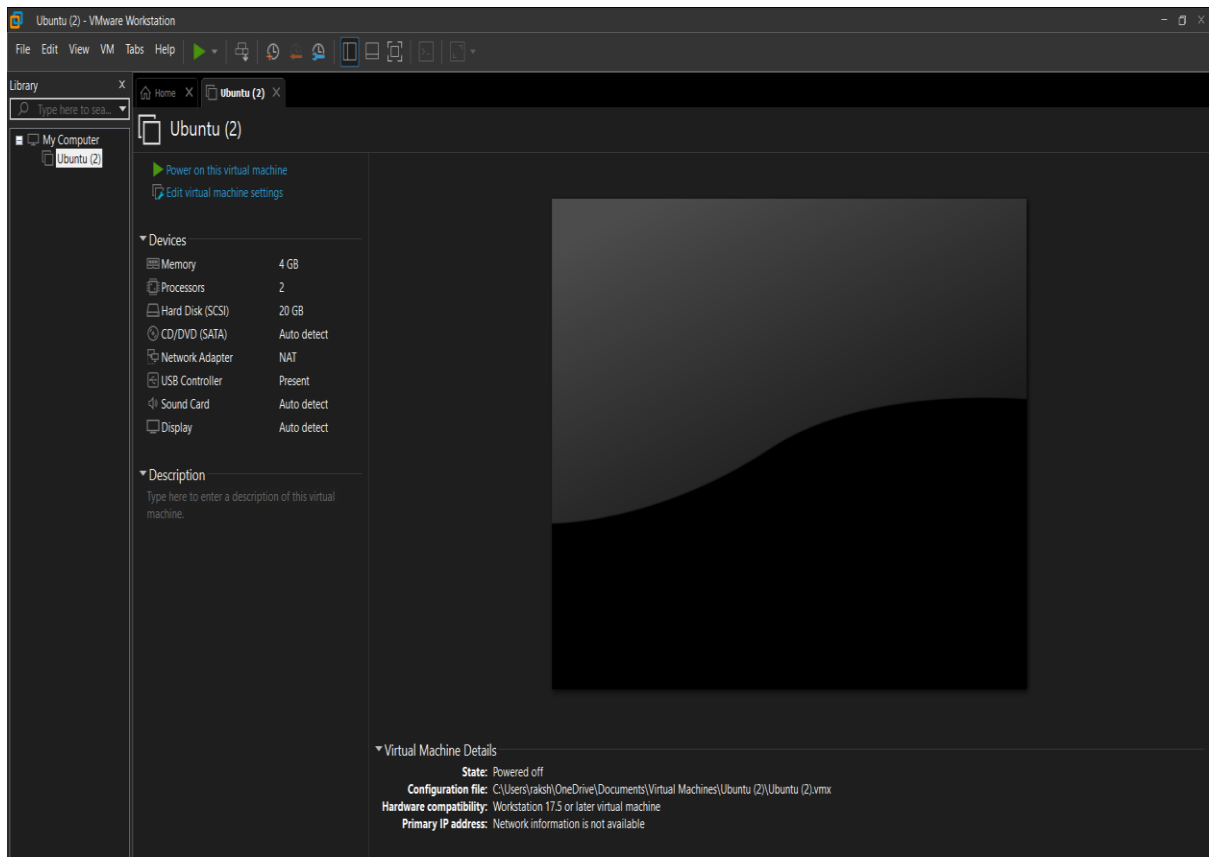
Hard Disk: 20 GB, Split
Memory: 4096 MB
Network Adapter: NAT
Other Devices: 2 CPU cores, CD/DVD, USB Controller, Sound Card

Customize Hardware...

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Finish

Cancel



RESULT :

Thus finally a a simple cloud software application for Flight Reservation System Using Cloud Service Provider to demonstrate SaaS .