EXP NO 13: CREATE A VIRTUAL MACHINE WITH 1 CPU, 2GB RAM AND 15GB STORAGE DISK USING A TYPE 2 VIRTUALIZATION SOFTWARE.

DATE: 01.10.2025

AIM:

To create a virtual machine with 1 CPU, 2GB Ram and 15GB storage disk using a type 2 virtualization software.

PROCEDURE:

Step 1: Download VMware workstation and installed as type 2 hypervisor.

Step 2: Download ubuntu or tiny OS as iso image file.

Step 3: In VMware workstation->create new VM.

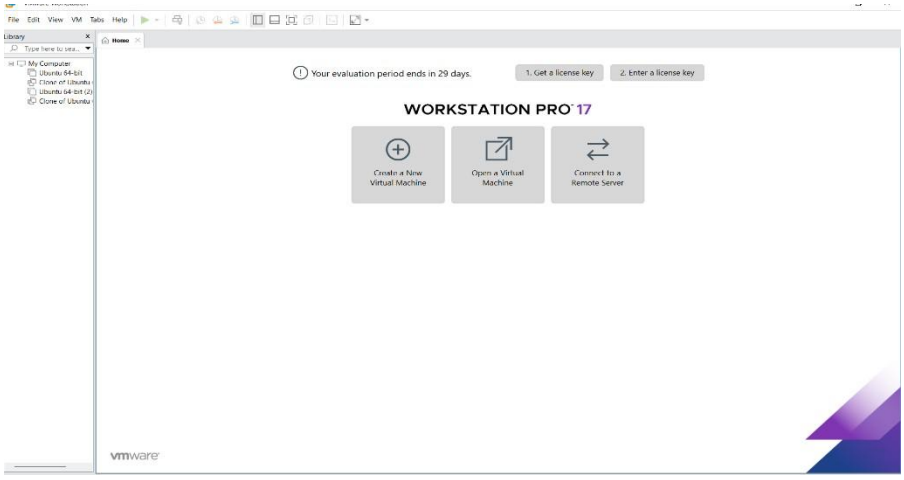
Step 4: Do the basic configuration settings.

Step 5: Created tiny OS virtual machine.

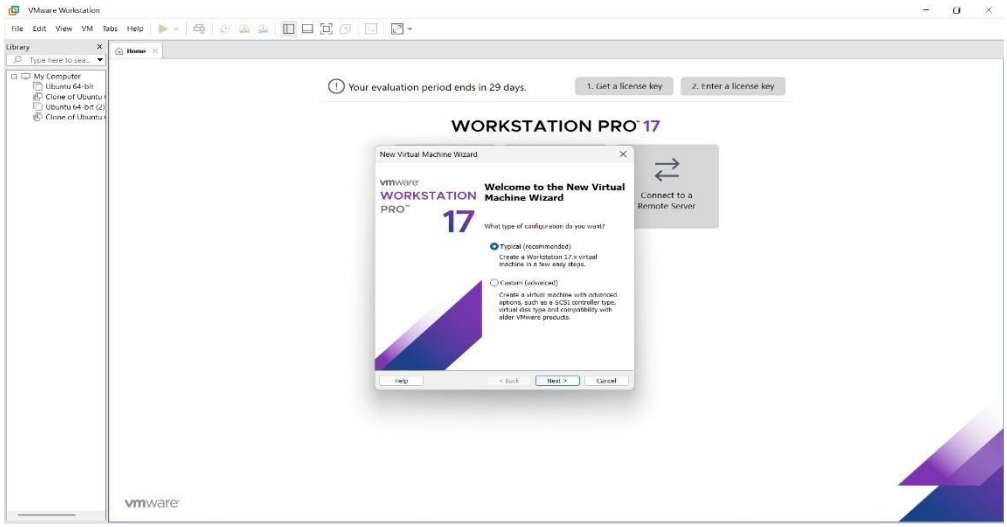
Step 6: Launch the VM.

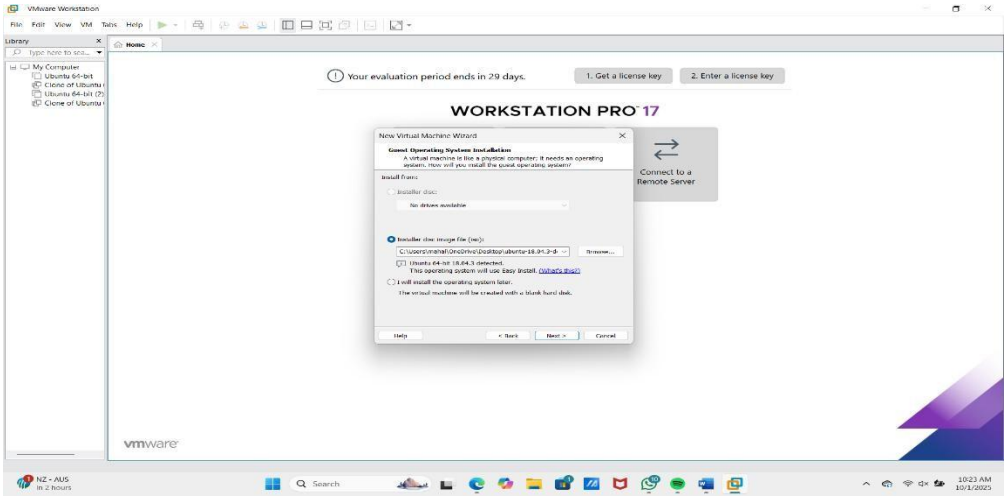
IMPLEMENTATION:

Step 1: Download VmWare Workstation and Installed as Type 2 Hypervisor.



Step 2: Do the Basic Configuration Settings.


VMware Workstation
File Edit View VM Tabs Help
Library
Type here to search...
My Computer
Ubuntu 64-bit
Clone of Ubuntu
Ubuntu 64-bit (2)
Clone of Ubuntu
Home
Your evaluation period ends in 29 days.
1. Get a license key
2. Enter a license key
WORKSTATION PRO 17
New Virtual Machine Wizard
vmware WORKSTATION PRO 17
Welcome to the New Virtual Machine Wizard
What type of configuration do you want?
Typical (recommended)
Create a Workstation 17.x virtual machine in a few easy steps.
Custom (advanced)
Create a virtual machine with advanced options, such as a SCSI controller type, virtual disk type and compatibility with older VMware products.
Help
< Back
Next >
Cancel
Connect to a Remote Server
vmware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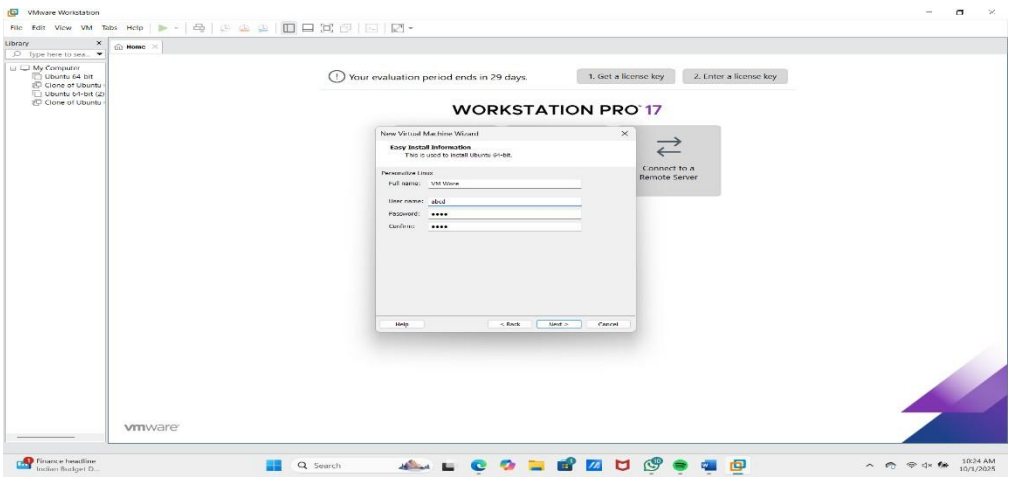
WORKSTATION PRO 17
New Virtual Machine Wizard
Guest Operating System Installation
A virtual machine is like a physical computer; it needs an operating system. How will you install the guest operating system?
Install from:
Installer disc:
No drives available
Installer disc image file (iso):
C:\Users\mahaf\OneDrive\Desktop\ubuntu-18.04.3-d
Browse...
Ubuntu 64-bit 18.04.3 detected.
This operating system will use Easy Install. (What's this?)
I will install the operating system later.
The virtual machine will be created with a blank hard disk.
Help
< Back
Next >
Cancel
Connect to a Remote Server
vmware
NZ - AUS
in 2 hours
Search
10:23 AM
10/1/2025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WORKSTATION PRO 17
New Virtual Machine Wizard
Easy Install Information
This is used to install Ubuntu 64-bit.
Personalize Linux
Full name:
VM Ware
User name:
abcd
Password:
Confirm:
Help
< Back
Next >
Cancel
Connect to a Remote Server
vmware
Finance headline
Indian Budget D...
Search
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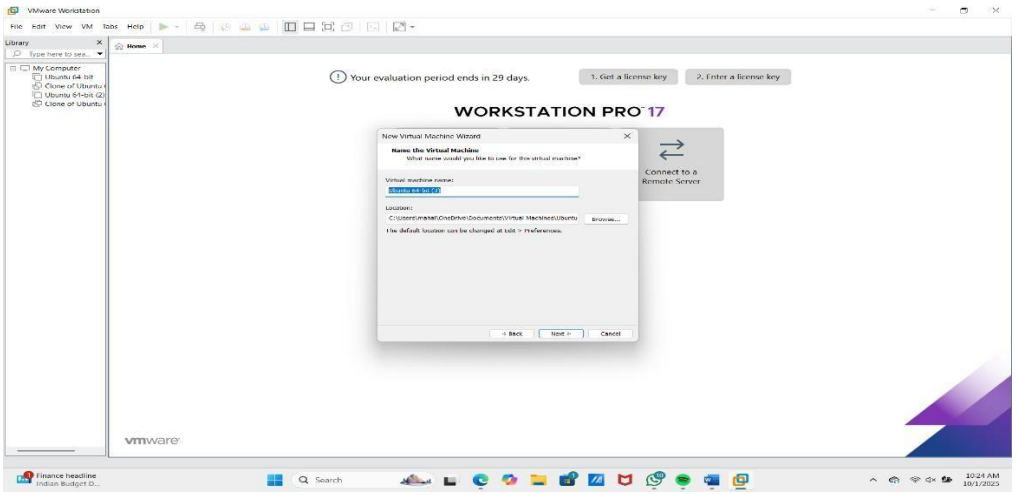
VMware Workstation
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WORKSTATION PRO 17
New Virtual Machine Wizard
Name the Virtual Machine
What name would you like to use for this virtual machine?
Virtual machine name:
Ubuntu 64-bit (2)
Location:
C:\Users\mahek\OneDrive\Documents\Virtual Machines\Ubuntu
Browse...
The default location can be changed at Edit > Preferences.
< Back
Next >
Cancel
Connect to a Remote Server
vmware
Finance headline
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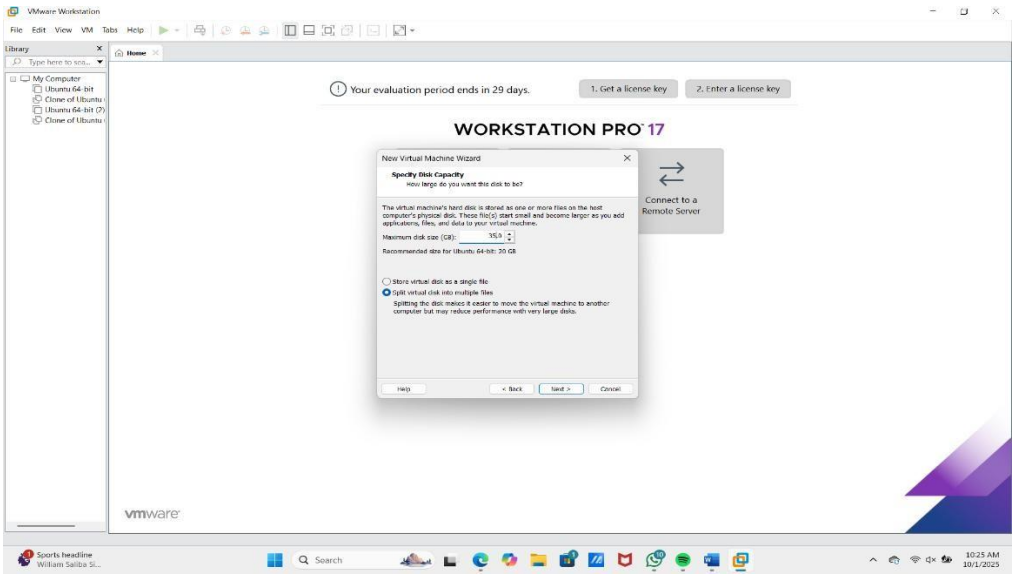
VMware Workstation
File Edit View VM Tabs Help
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WORKSTATION PRO 17
New Virtual Machine Wizard
Specify Disk Capacity
How large do you want this disk to be?
The virtual machine's hard disk is stored as one or more files on the host computer's physical disk. These file(s) start small and become larger as you add applications, files, and data to your virtual machine.
Maximum disk size (GB):
35.0
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
Connect to a Remote Server
vmware
Sports headline
William Saliba Si...
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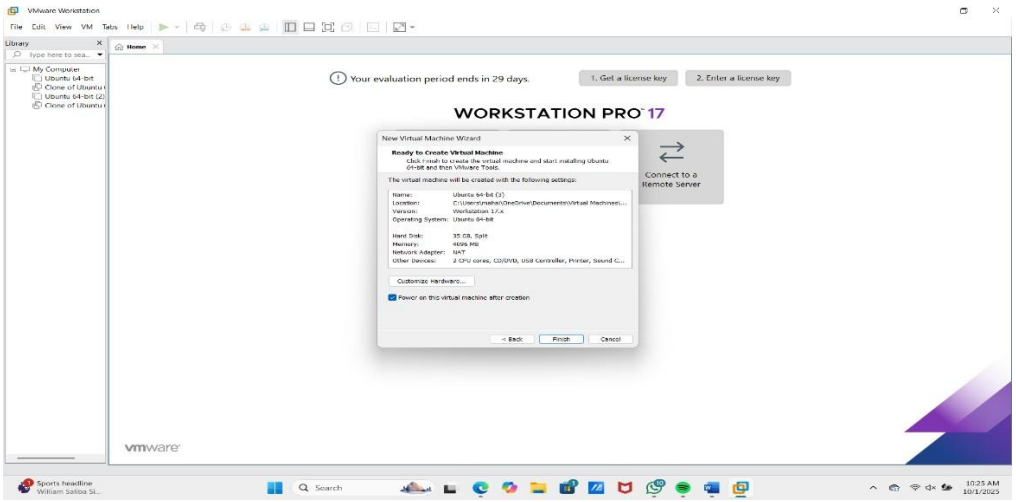
10/1/2025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WORKSTATION PRO 17
New Virtual Machine Wizard
Ready to Create Virtual Machine
Click Finish to create the virtual machine and start installing Ubuntu 64-bit and then VMware Tools.
The virtual machine will be created with the following settings:
Name: Ubuntu 64-bit (2)
Location: C:\Users\mahek\OneDrive\Documents\Virtual Machines\...
Version: Workstation 17.x
Operating System: Ubuntu 64-bit
Hard Disk: 35 GB, Split
Memory: 4096 MB
Network Adapter: NAT
Other Devices: 2 CPU cores, CD/DVD, USB Controller, Printer, Sound C...
Customize Hardware...
Power on this virtual machine after creation
< Back
Finish
Cancel
Connect to a Remote Server
vmware
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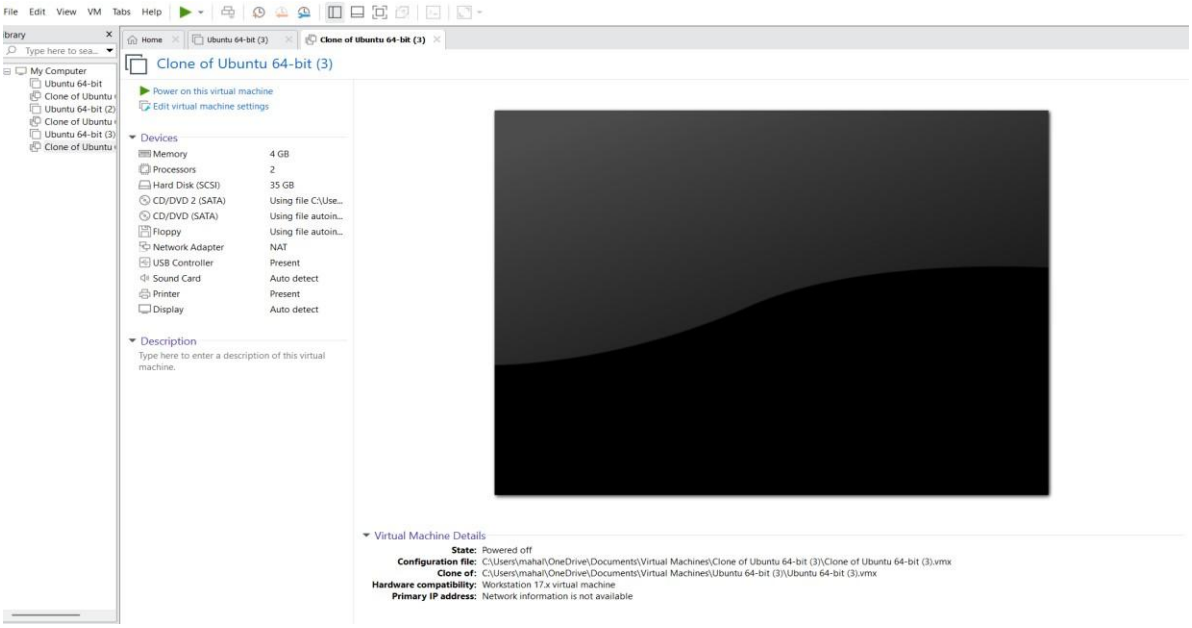
10/1/2025

Step 3: Created Virtual Machine.