

EXP NO 12: DEMONSTRATE VIRTUALIZATION BY INSTALLING TYPE-2 HYPERVISOR IN YOUR DEVICE, CREATE AND CONFIGURE VM IMAGE WITH A HOST OPERATING SYSTEM (EITHER WINDOWS/LINUX).

DATE:

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).

PROCEDURE:

STEP 1:Dowload VMware workstation and installed as type 2hypervisor. STEP2:Dowload ubuntu or tiny OS as iso image file.

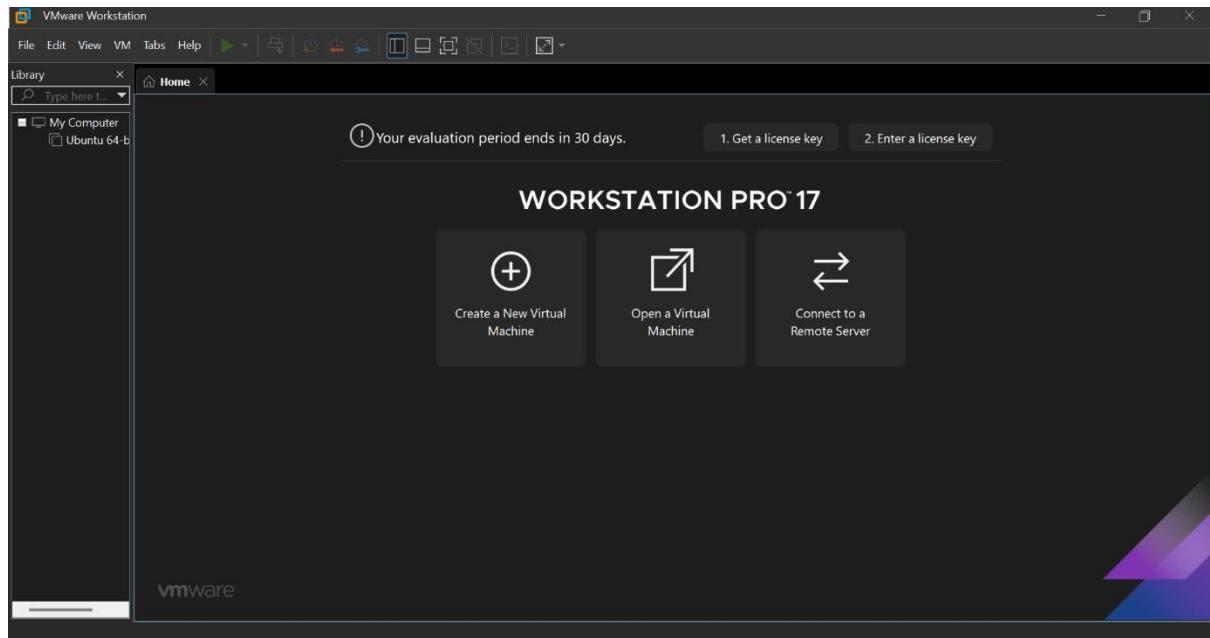
STEP 3: In VMware workstation->create new VM.

STEP 4: Do the basic configuration settings.

STEP 5: Created tiny OS virtual machine.

STEP 6: Launch the VM.

DESIGNING:



New Virtual Machine Wizard

X



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)

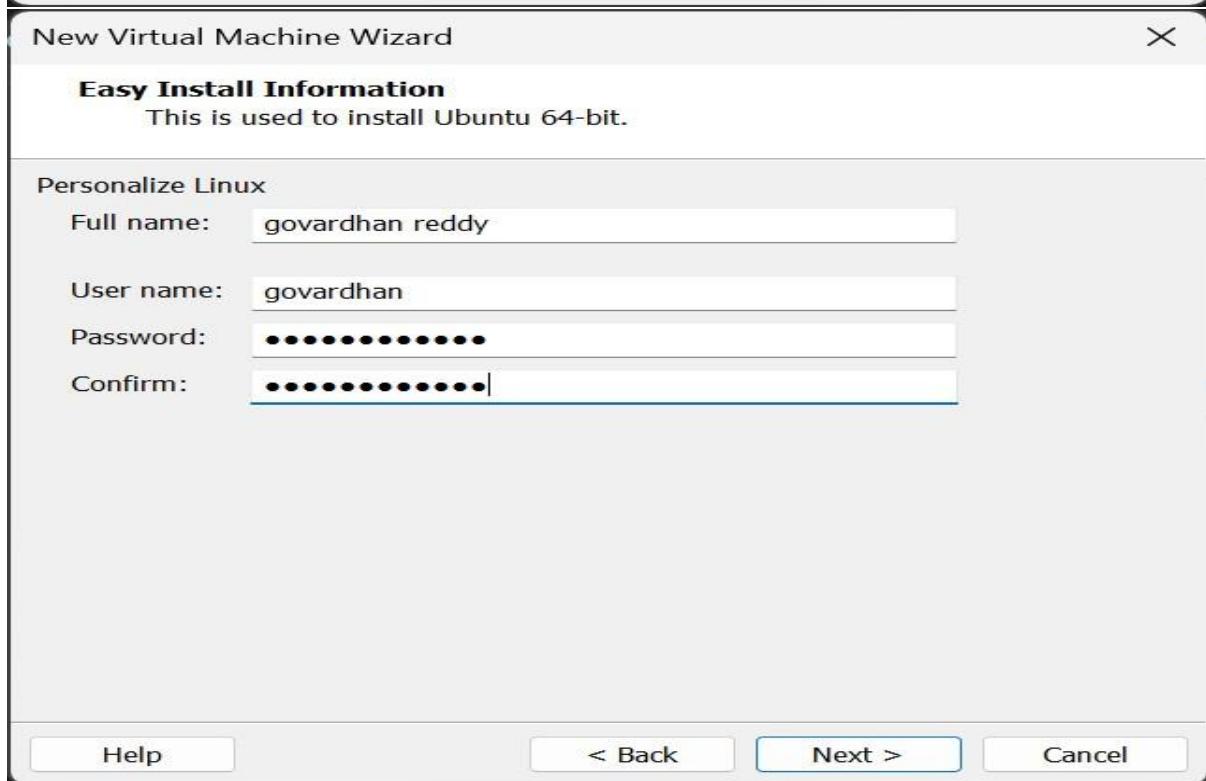
Create a virtual machine with advanced options, such as a SCSI controller type, virtual disk type and compatibility with older VMware products.

Help

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New Virtual Machine Wizard

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Name the Virtual Machine

What name would you like to use for this virtual machine?

Virtual machine name:

Ubuntu 64-bit

Location:

C:\Users\ngova\OneDrive\Documents\Virtual Machines\Ubuntu 64-bit

[Browse...](#)

The default location can be changed at [Edit > Preferences](#).

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New Virtual Machine Wizard

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Name the Virtual Machine

What name would you like to use for this virtual machine?

Virtual machine name:

Ubuntu 64-bit vm 1

Location:

C:\Users\ngova\OneDrive\Documents\Virtual Machines\Ubuntu 6

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The default location can be changed at [Edit > Preferences](#).

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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.

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New Virtual Machine Wizard



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New Virtual Machine Wizard

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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 vm1
Location:	C:\Users\ngova\OneDrive\Documents\Virtual Machines\Ub...
Version:	Workstation 17.x
Operating System:	Ubuntu 64-bit
Hard Disk:	30 GB, Split
Memory:	4096 MB
Network Adapter:	NAT
Other Devices:	2 CPU cores, CD/DVD, USB Controller, Printer, Sound Card

Customize Hardware...

Power on this virtual machine after creation

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Finish

Cancel

