

**EXPNO 2:**

**VIKAS**

**DATE:09-02-2023**

**CREATE A VIRTUAL MACHINE WITH 1 VCPU, 2GB RAM  
AND 15GB STORAGE DISK USING A TYPE 2  
VIRTUALIZATION SOFTWARE**

**AIM:** To create a virtual machine with 1 CPU, 2gb ram and 15gb storage disk using a type 2 virtualization software

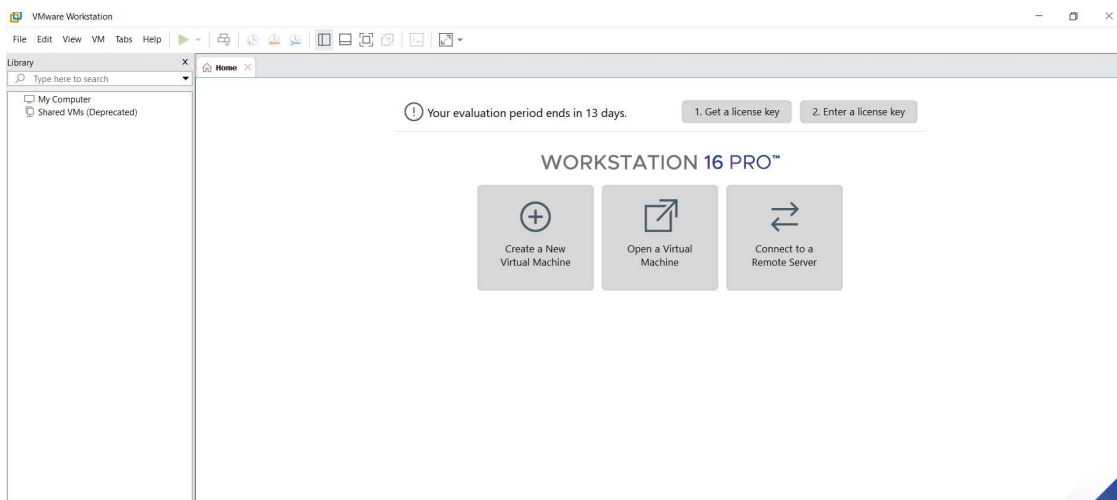
**PROCEDURE:**

1. Download VMware workstation and installed as type 2 hypervisor
2. Download Ubuntu or tiny os as iso image file
3. In VMware workstation->create new VM
4. Do the basic configuration settings.
5. Created tiny OS virtual machine
6. Launch the VM

**IMPLEMENTATION:**

**STEP 1:**

**DOWNLOAD VMWARE WORKSTATION AND  
INSTALLED AS TYPE 2HYPERVISOR**

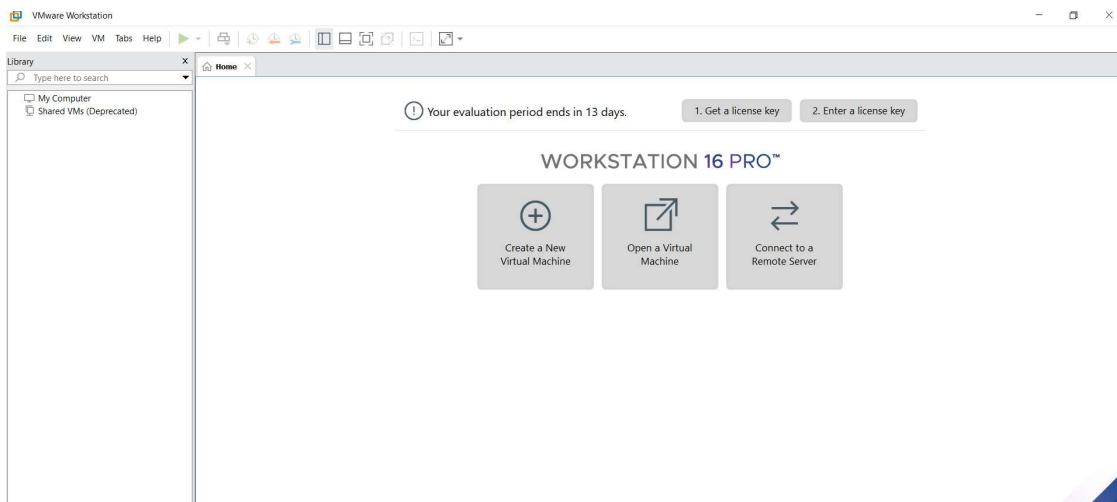


## STEP2: DOWLOAD UBUNTU OR TINY OS AS ISO IMAGE FILE

Index of /11.x/x86/release/

<a href="#">distribution_files/</a>	09-Feb-2020 11:50	-
<a href="#">src/</a>	03-Dec-2019 11:14	-
<a href="#">Core-11.1.iso</a>	01-Apr-2020 07:49	14757888
<a href="#">Core-11.1.iso.md5.txt</a>	01-Apr-2020 07:49	48
<a href="#">Core-11.1.iso.zsync</a>	01-Apr-2020 07:49	50639
<a href="#">Core-current.iso</a>	01-Apr-2020 07:49	14757888
<a href="#">CorePlus-11.1.iso</a>	01-Apr-2020 07:50	216006656
<a href="#">CorePlus-11.1.iso.md5.txt</a>	01-Apr-2020 07:50	52
<a href="#">CorePlus-11.1.iso.zsync</a>	01-Apr-2020 07:50	369358
<a href="#">CorePlus-current.iso</a>	01-Apr-2020 07:50	216006656
<a href="#">TinyCore-11.1.iso</a>	01-Apr-2020 07:50	19922944
<a href="#">TinyCore-11.1.iso.md5.txt</a>	01-Apr-2020 07:50	52
<a href="#">TinyCore-11.1.iso.zsync</a>	01-Apr-2020 07:50	68301
<a href="#">TinyCore-current.iso</a>	01-Apr-2020 07:50	19922944

## STEP 3: IN VMWARE WORKSTATION->CREATE NEW VM



## STEP 4: DO THE BASIC CONFIGURATION SETTINGS.



! Your evaluation period ends in 12 days.

1. Get a license key

2. Enter a license key

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\Gopi Prasad-PC\Downloads\ubuntu-20.04.2. Browse...

☒ I will install the operating system later.

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

Help < Back Next > Cancel

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Connect to a Remote Server

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 64-bit

Help < Back Next > Cancel

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Connect to a Remote Server

New Virtual Machine Wizard

**Name the Virtual Machine**

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

Virtual machine name:

Ubuntu Vmware

Location:

C:\Users\Gopi Prasad-PC\Documents\Virtual Machines\Ubuntu. Browse...

The default location can be changed at Edit > Preferences.

< Back Next > Cancel

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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.

Help < Back Next > Cancel

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Help < Back Next > Cancel

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Connect to a Remote Server

New Virtual Machine Wizard

**Ready to Create Virtual Machine**  
Click Finish to create the virtual machine. Then you can install Ubuntu 64-bit.

The virtual machine will be created with the following settings:

Name:	Ubuntu Vmware
Location:	C:\Users\Gopi Prasad-Pc\Documents\Virtual Machines\U...
Version:	Workstation 16.x
Operating System:	Ubuntu 64-bit
Hard Disk:	20 GB
Memory:	2048 MB
Network Adapter:	NAT
Other Devices:	2 CPU cores, CD/DVD, USB Controller, Printer, Sound C...

Customize Hardware...

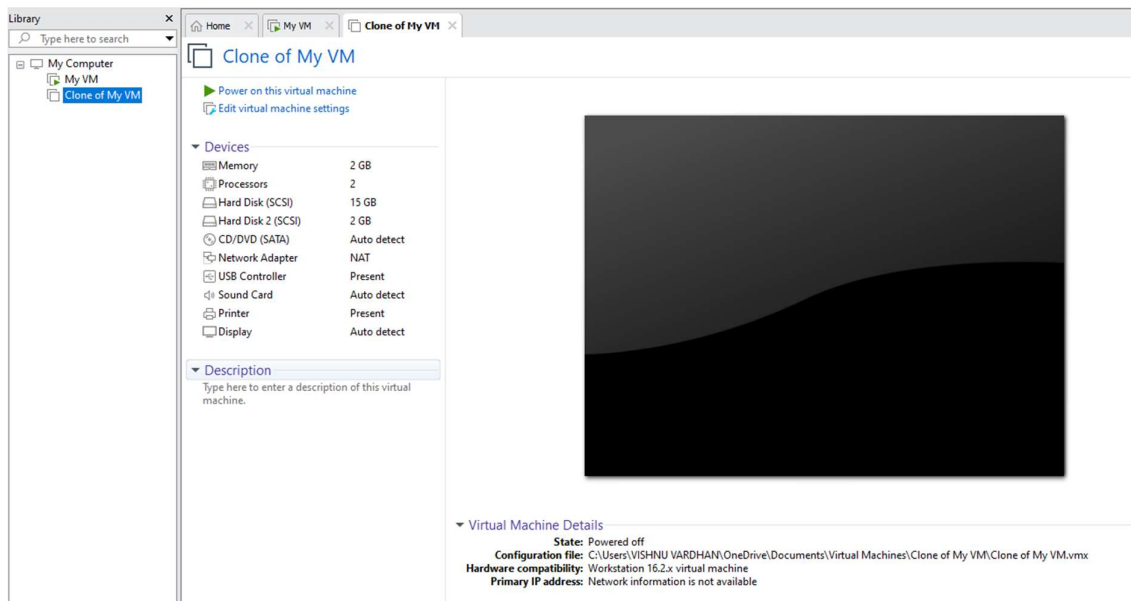
< Back Finish Cancel

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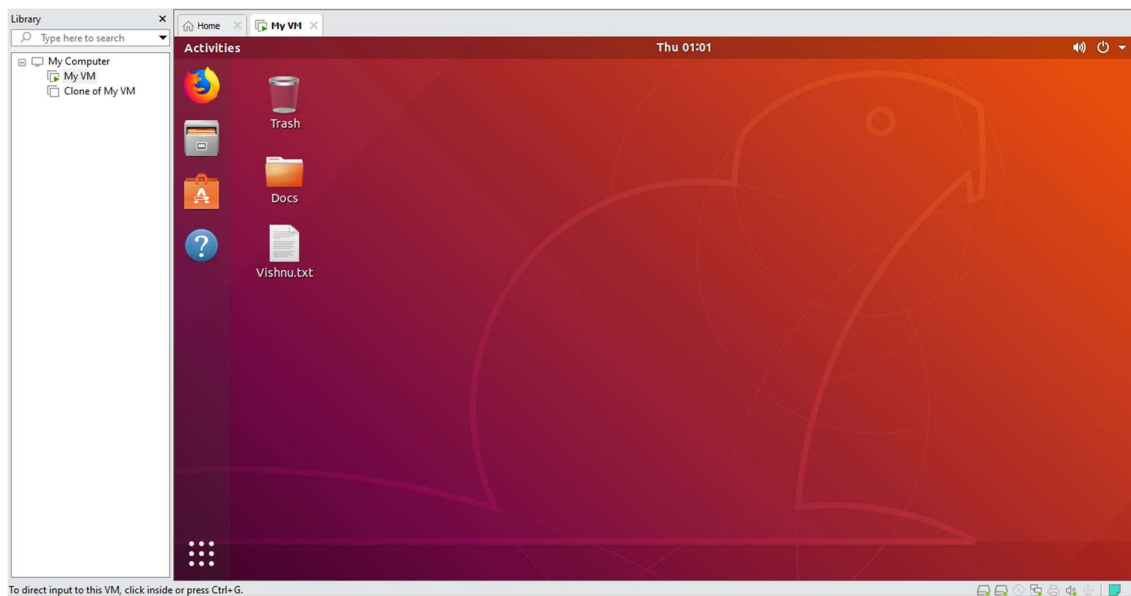


Connect to a Remote Server

## STEP 4: CREATED TINYOS VIRTUAL MACHINE



## STEP 5: LAUNCH THE VM



## RESULT:

Hence created a virtual machine with 1 CPU, 2gb ram and 15gb storage disk using a type 2 virtualization software.