

VMware Workstation Player is a software which helps you create virtual machines on Windows or Linux.

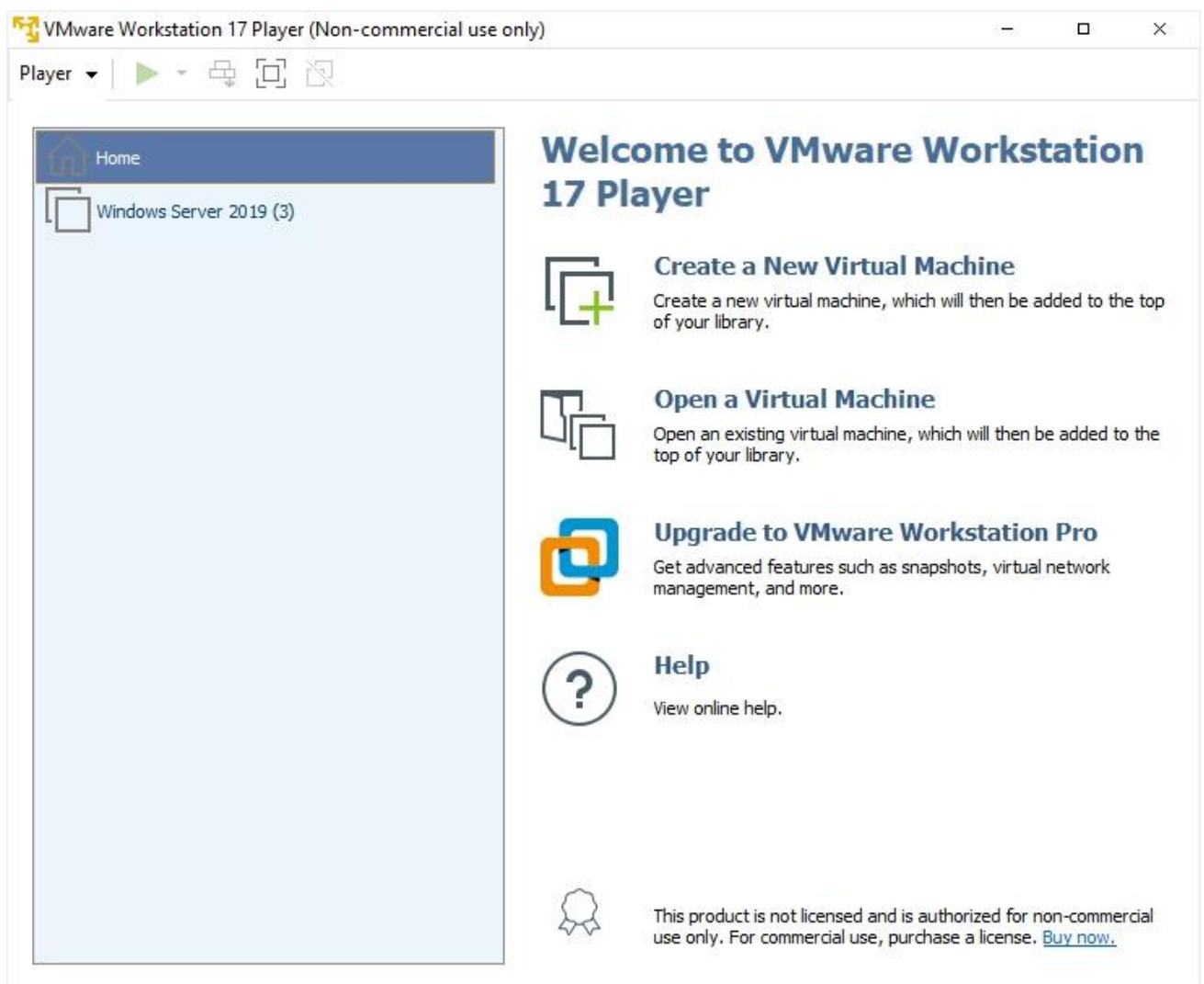
Virtual machine means an operating system running within another operating system like Linux on Windows.

How to create a virtual machine on Windows for operating system CentOS which is a Linux distribution.

Download VMware Workstation Player from www.vmware.com

Install VMware Workstation Player on Windows and start it.

You will find the following window.



New Virtual Machine Wizard

×

Welcome to the New Virtual Machine Wizard

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\Yaman\Downloads\CentOS-7-x86_64-DVD-20191110\CentOS-7-x86_64-DVD-20191110.iso

Browse...

i

CentOS 7 64-bit 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

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Cancel

New Virtual Machine Wizard

✕

Easy Install Information
This is used to install CentOS 7 64-bit.

Personalize Linux

Full name:

Raman Deep Singh

User name:


raman

Password:

•••••

Confirm:

•••••

 This password is for both user and root accounts.

Help

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Cancel

New Virtual Machine Wizard



Name the Virtual Machine

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

Virtual machine name:

CentOS 7 64-bit (3)

Location:

C:\Users\yaman\OneDrive\Documents\Virtual Machines\CentOS

Browse...

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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):

Recommended size for CentOS 7 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

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Cancel

New Virtual Machine Wizard

Ready to Create Virtual Machine

Click Finish to create the virtual machine and start installing CentOS 7 64-bit and then VMware Tools.

The virtual machine will be created with the following settings:

Name:	CentOS 7 64-bit (3)
Location:	C:\Users\jaman\OneDrive\Documents\Virtual Machin...
Version:	Workstation 17.x
Operating System:	CentOS 7 64-bit
Hard Disk:	20 GB
Memory:	1024 MB
Network Adapter:	NAT
Other Devices:	CD/DVD, USB Controller, Printer, Sound Card

☒ Power on this virtual machine after creation

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Finish

Cancel

To customize hardware setting of virtual machine or virtual operating system click on Customize hardware and change the settings like ram, hard disk space, other devices.

After power on of this virtual machine you will find screen as below

```
[ OK ] Stopped Journal Service.
       Starting Journal Service...
[ OK ] Reached target Swap.
       Starting Read and set NIS domainname from /etc/sysconfig/network...
[ OK ] Listening on udev Kernel Socket.
       Mounting POSIX Message Queue File System...
       Mounting Huge Pages File System...
[ OK ] Created slice User and Session Slice.
[ OK ] Reached target Slices.
[ OK ] Stopped target Switch Root.
[ OK ] Stopped target Initrd File Systems.
[ OK ] Listening on LVM2 poll daemon socket.
[ OK ] Created slice system-anaconda\x2dtmux.slice.
[ OK ] Listening on LVM2 metadata daemon socket.
[ OK ] Stopped target Initrd Root File System.
       Mounting Temporary Directory...
       Starting Availability of block devices...
       Mounting Debug File System...
[ OK ] Created slice system-selinux\x2dpolicy\x2dmigrate\x2dlocal\x2dchanges.slice.
[ OK ] Reached target Timers.
[ OK ] Set up automount Arbitrary Executable File Formats File System Automount Point.
[ OK ] Listening on Delayed Shutdown Socket.
[ OK ] Listening on udev Control Socket.
[ OK ] Reached target Paths.
       Starting Apply Kernel Variables...
       Starting Create list of required static device nodes for the current kernel...
       Starting Remount Root and Kernel File Systems...
[ OK ] Listening on /dev/initctl Compatibility Named Pipe.
[ OK ] Mounted Debug File System.
[ OK ] Mounted Huge Pages File System.
[ OK ] Mounted POSIX Message Queue File System.
[ OK ] Mounted Temporary Directory.
[ OK ] Started Read and set NIS domainname from /etc/sysconfig/network.
[ OK ] Started Availability of block devices.
[ OK ] Started Remount Root and Kernel File Systems.
       Starting Rebuild Hardware Database...
       Starting Configure read-only root support...
[ OK ] Started Create list of required static device nodes for the current kernel.
```

Click in the virtual screen to send keystrokes | Easy Install is installing CentOS 7 64-bit. | Change Disc | Help

Below is the installation setup of CentOS which is a free Linux Distribution.

