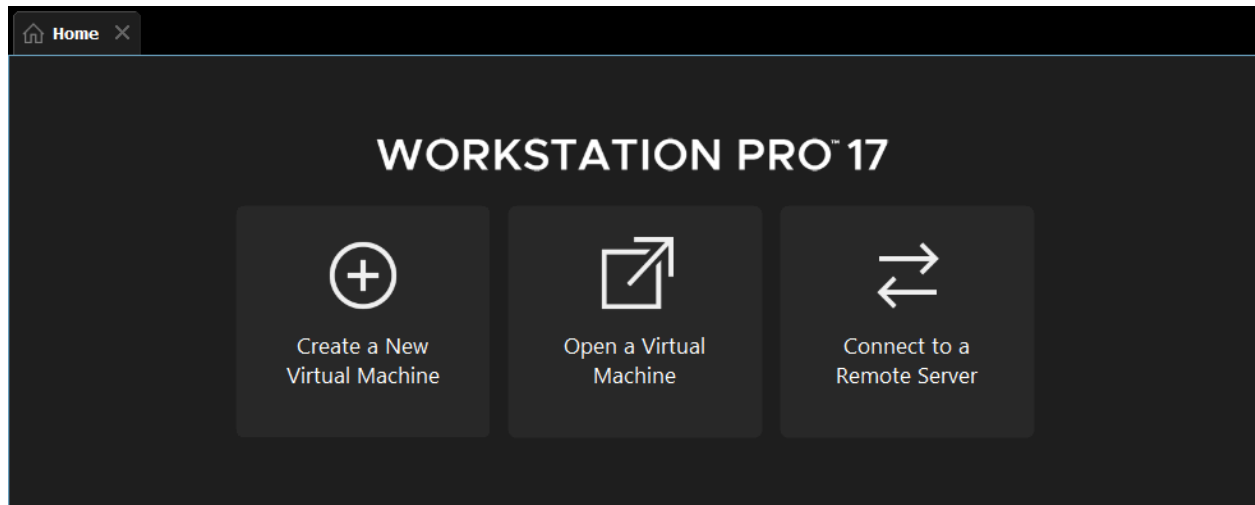# Installation of Windows Server 2019
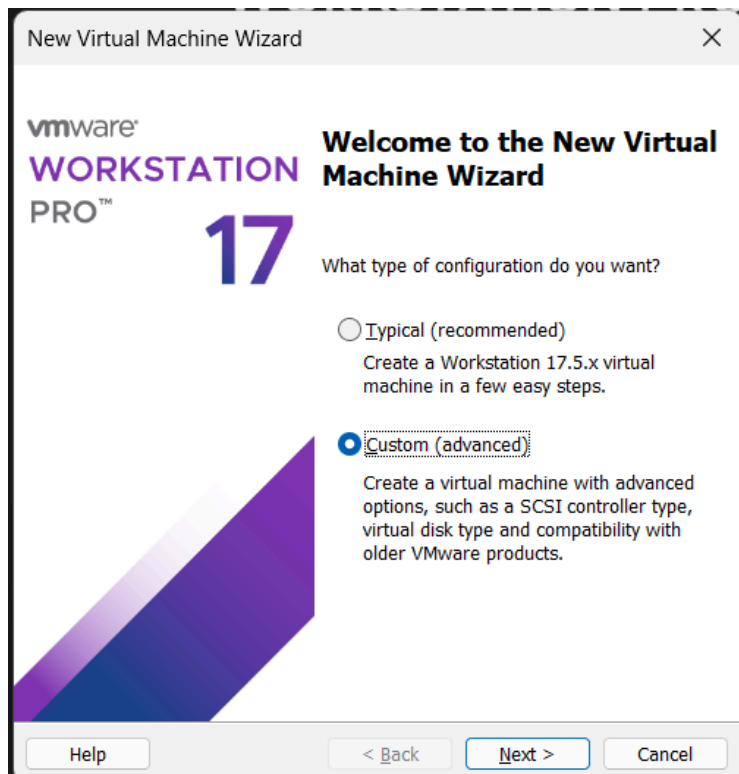
Step 1. Open the new Virtual Machine Wizard
Open up the VMWare Workstation
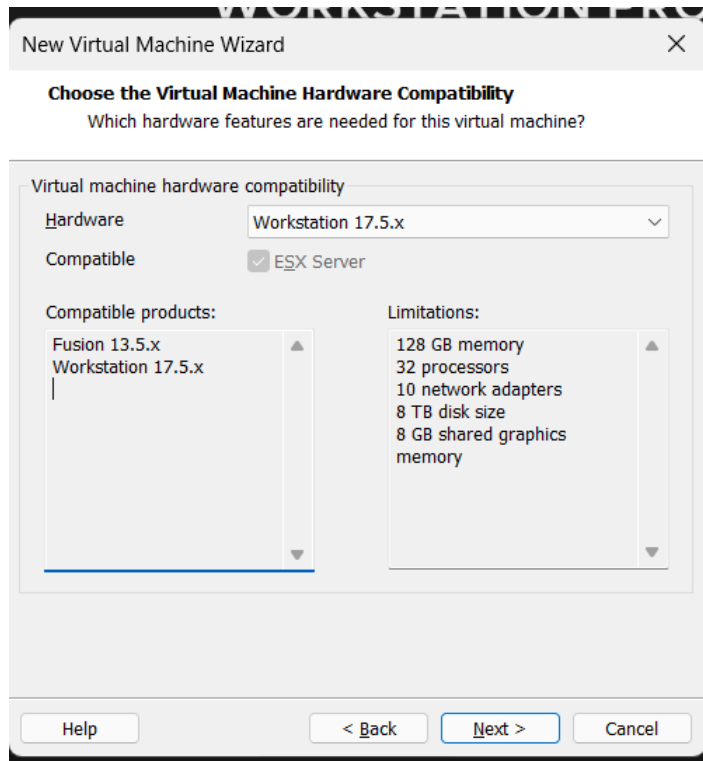Go to File -> New Virtual Machine or Ctrl + N
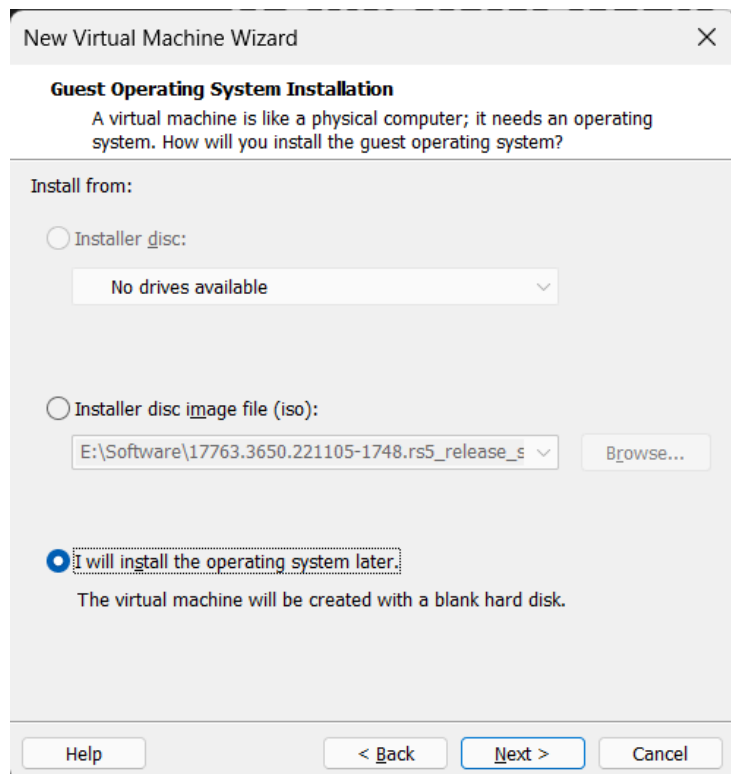

Select Custom Wizard and click Next

Choose the compatible hardware from the drop-down and Click Next

New Virtual Machine Wizard   ✕

Choose the Virtual Machine Hardware Compatibility
Which hardware features are needed for this virtual machine?

Virtual machine hardware compatibility

Hardware   Workstation 17.5.x   ⌄

Compatible   ☑ ESX Server

Compatible products: Limitations:

Fusion 13.5.x   128 GB memory
Workstation 17.5.x   32 processors
                  10 network adapters
                  8 TB disk size
                  8 GB shared graphics
                  memory

Help   < Back   Next >   Cancel

Select to install the operating system later option. Click Next

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):

      E:\Software\17763.3650.221105-1748.rs5_release_s ⌄   Browse...

🔵 I will install the operating system later.

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

Help   < Back   Next >   Cancel

Select Microsoft Windows and in version select Windows Server 2019 and Click Next

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

Windows Server 2019 ⌄

Help		< Back	Next >	Cancel

Give the Virtual Machine Name & Location then Click Next
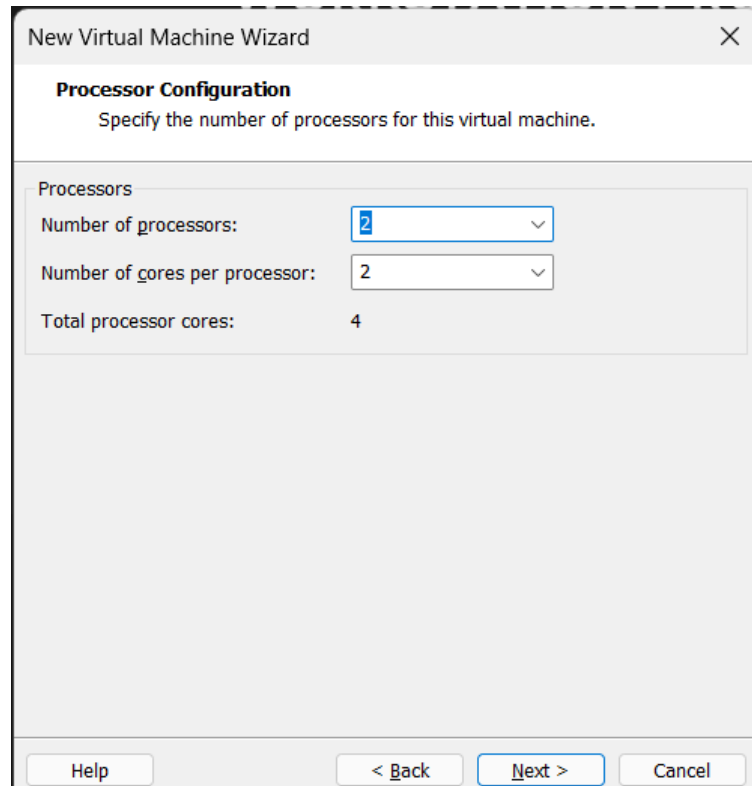
New Virtual Machine Wizard   ✕

Name the Virtual Machine
What name would you like to use for this virtual machine?

Virtual machine name:

Windows Server 2019

Location:

D:\Study\Windows\Server 2019   Browse...

The default location can be changed at Edit > Preferences.

< Back	Next >	Cancel

You can select either BIOS or UEFI. Note: Only new boards support UEFI then Click Next

Allocate how many processors you need. This depends on your host machine's hardware.2. Click Next

Set the Memory for the virtual machine
This depends on your host machine's hardware. Click Next

Select Network Connection settings for the VM
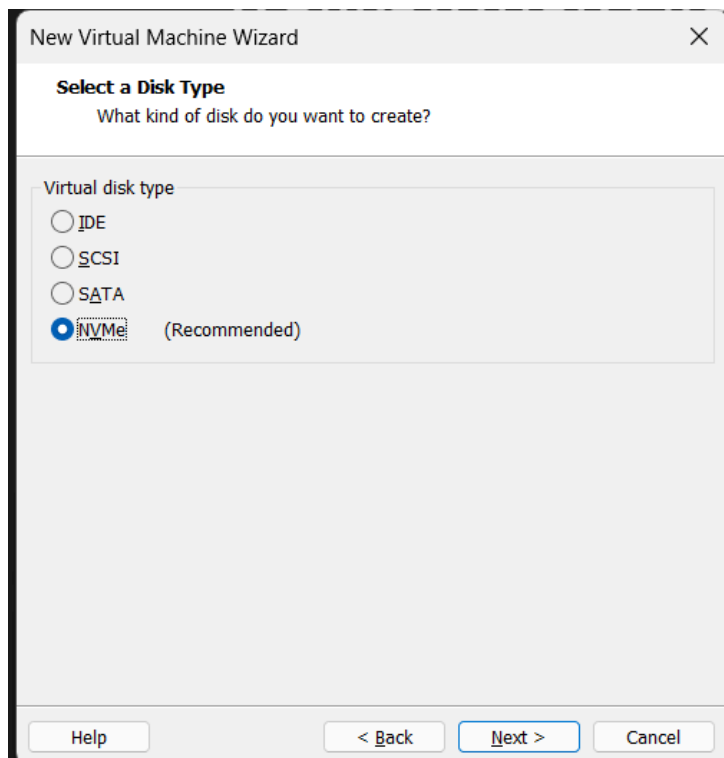**Four options are available to select. Please read and select your desired network setting then Click Next**
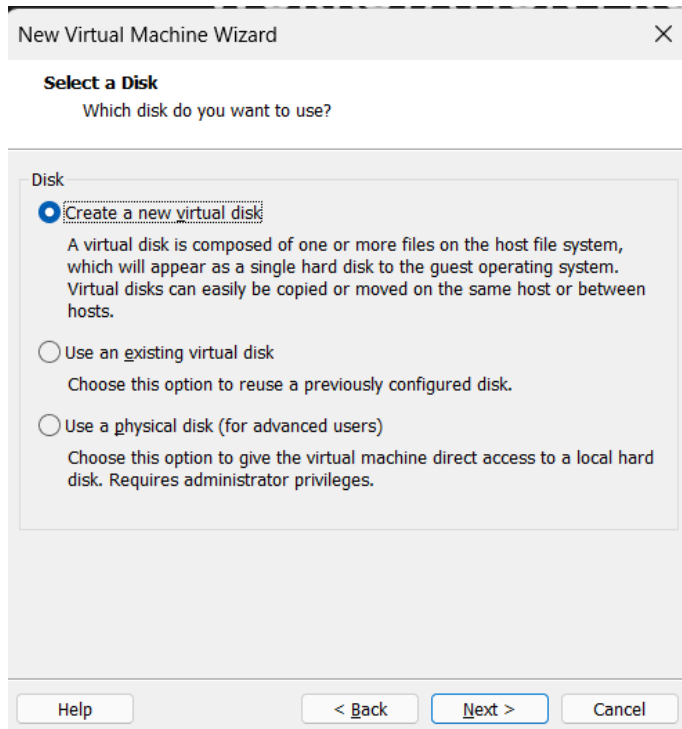
Choose the appropriate storage IO controller then Click Next
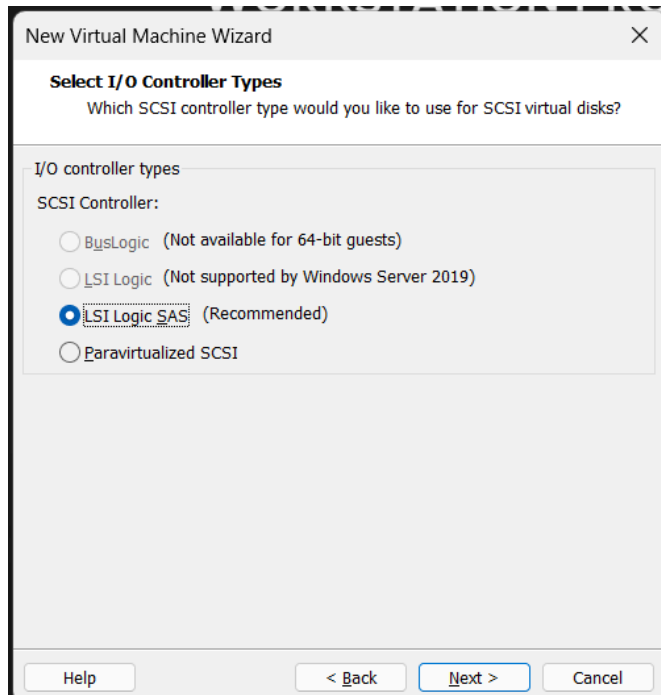
Select the available disk type on your host machine then Click Next

Select the virtual disk for the VM if not create a new disk then Click Next

You can select a single or split virtual disk option. Selecting a single disk will increase the performance. Allocate the disk size and click next.

Give the location where you want to save the disk and Click Next.

New Virtual Machine Wizard   ✕

Specify Disk File
Where would you like to store the disk file?

Disk file
One 80 GB disk file will be created using this file name.

Windows Server 2019.vmdk   Browse...

Help   < Back   Next >   Cancel
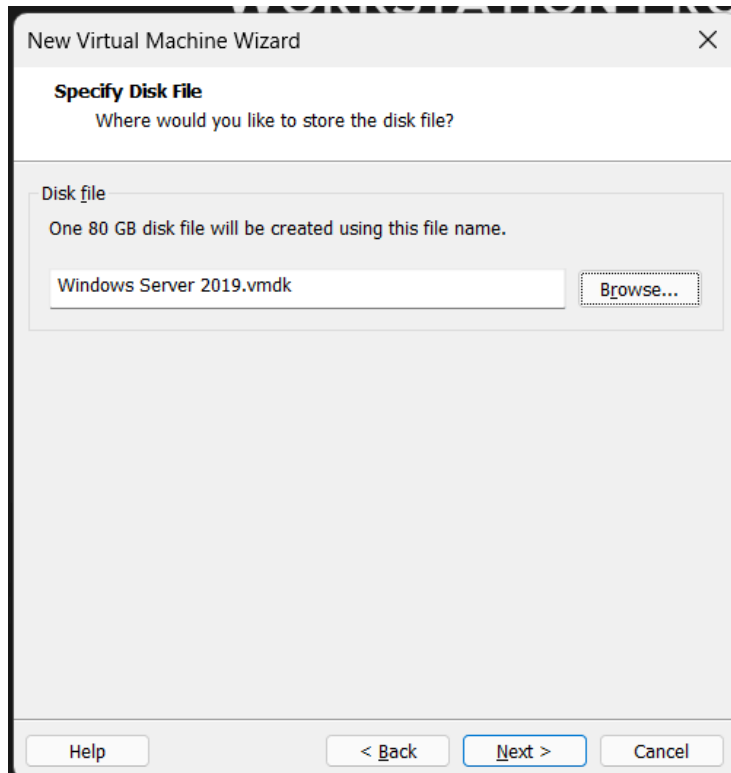
VM settings are ready to create the VM then Click Finish

New Virtual Machine Wizard   ✕

Ready to Create Virtual Machine
Click Finish to create the virtual machine. Then you can install Windows Server 2019.

The virtual machine will be created with the following settings:

Name: Windows Server 2019
Location: D:\Study\Windows\Server 2019
Version: Workstation 17.5.x
Operating System: Windows Server 2019

Hard Disk: 80 GB
Memory: 4096 MB
Network Adapter: Bridged (Automatic)
Other Devices: 4 CPU cores, CD/DVD, USB Controller, Sound Card

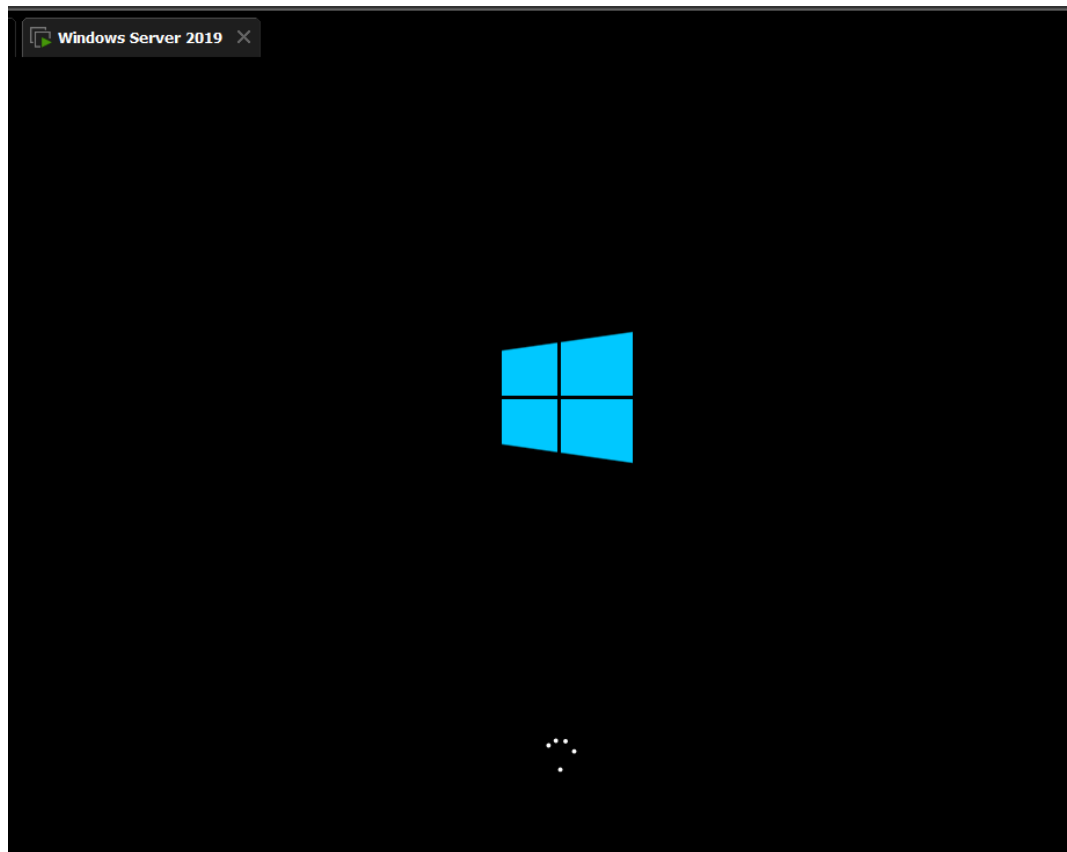Customize Hardware...

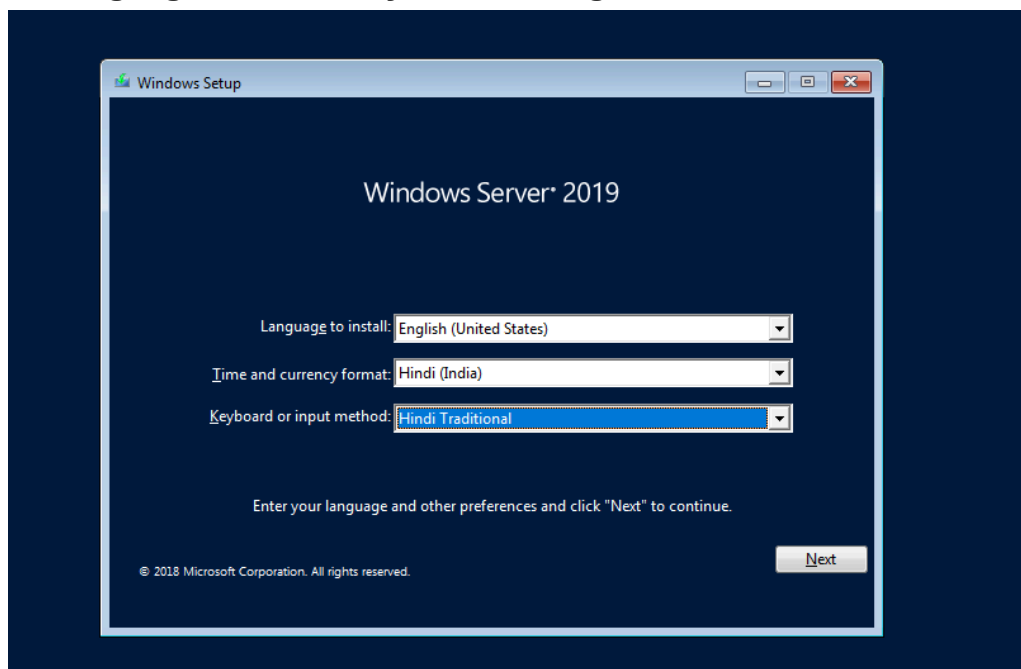< Back   Finish   Cancel

VM is ready to use.

Go to the edit option, click on the CD/DVD and select the 'Use ISO image' then give the iso image location and click OK.
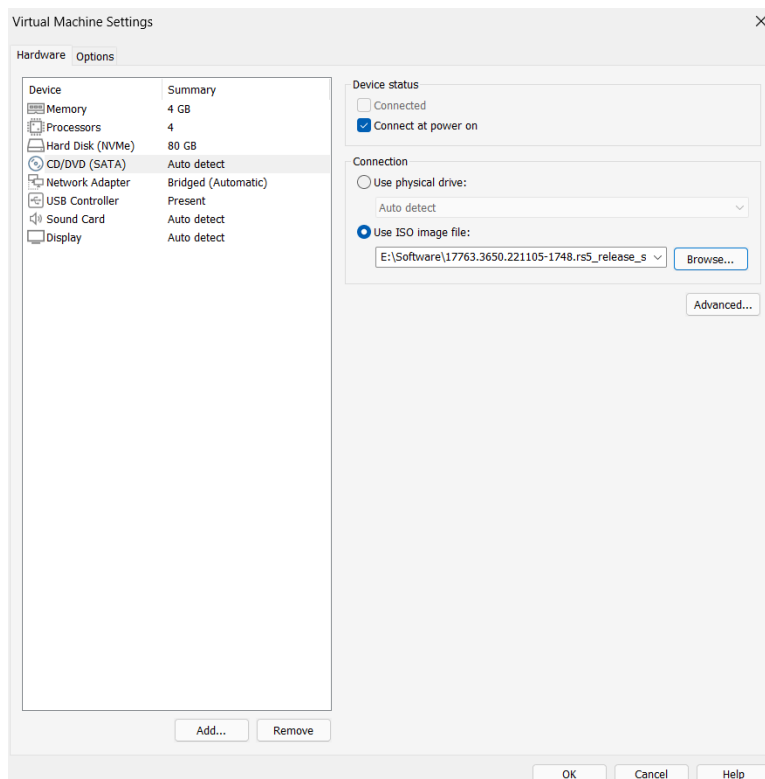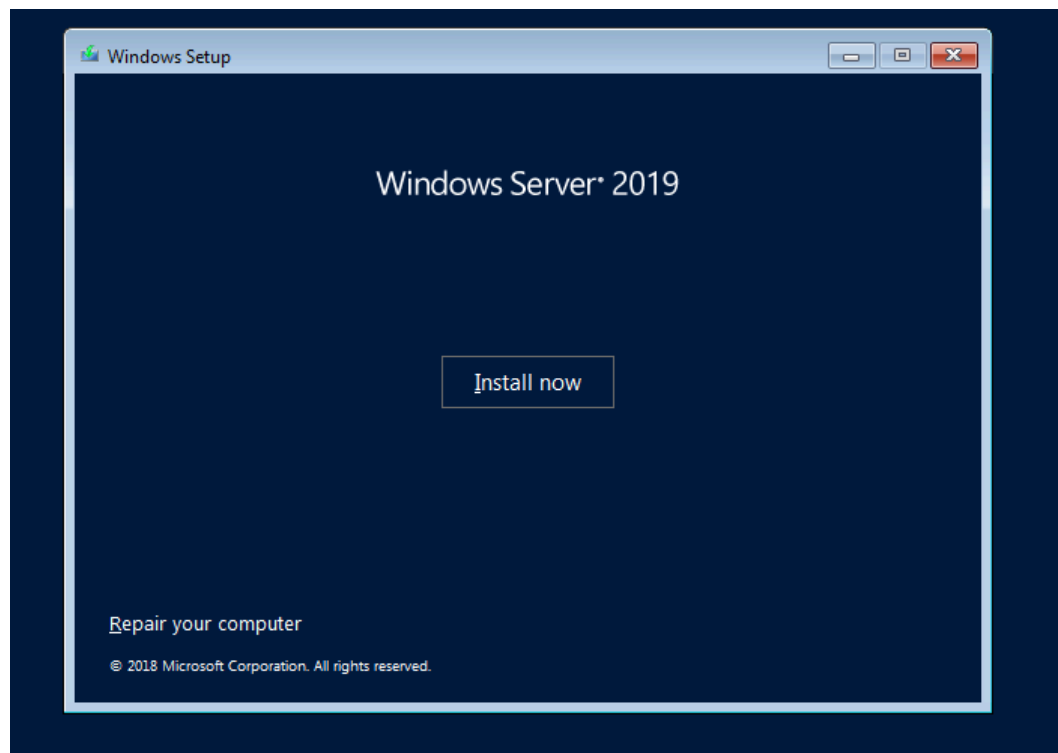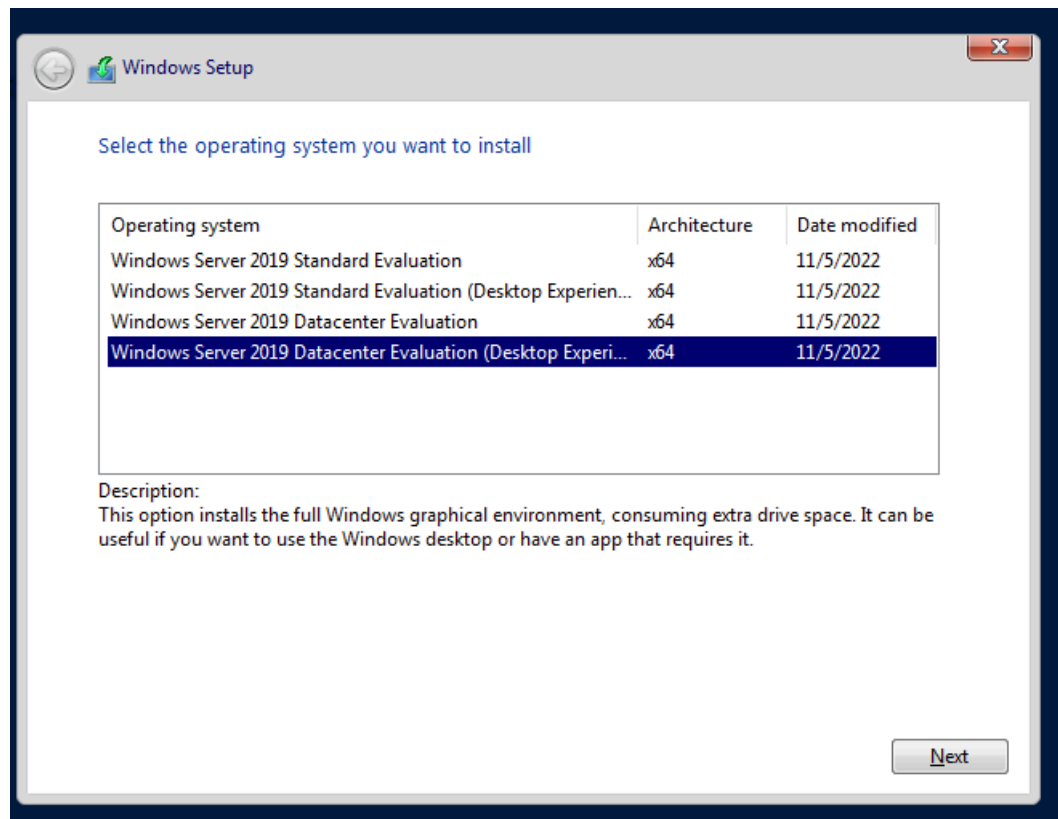
Power on the VM :-

The installation wizard will appear in a couple of seconds after the boot1. Select the language time and keyboard settings Click Next
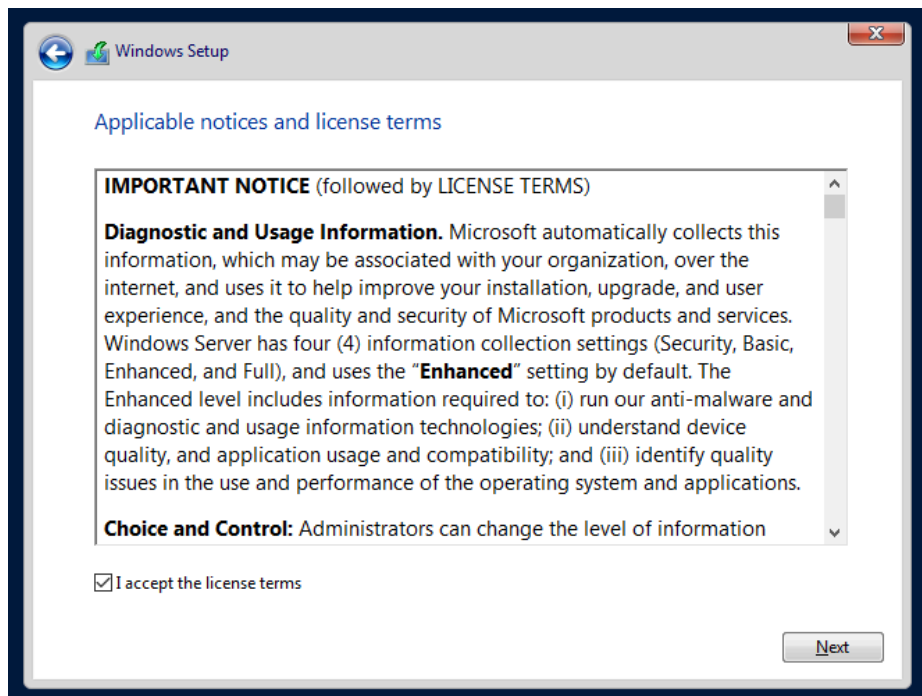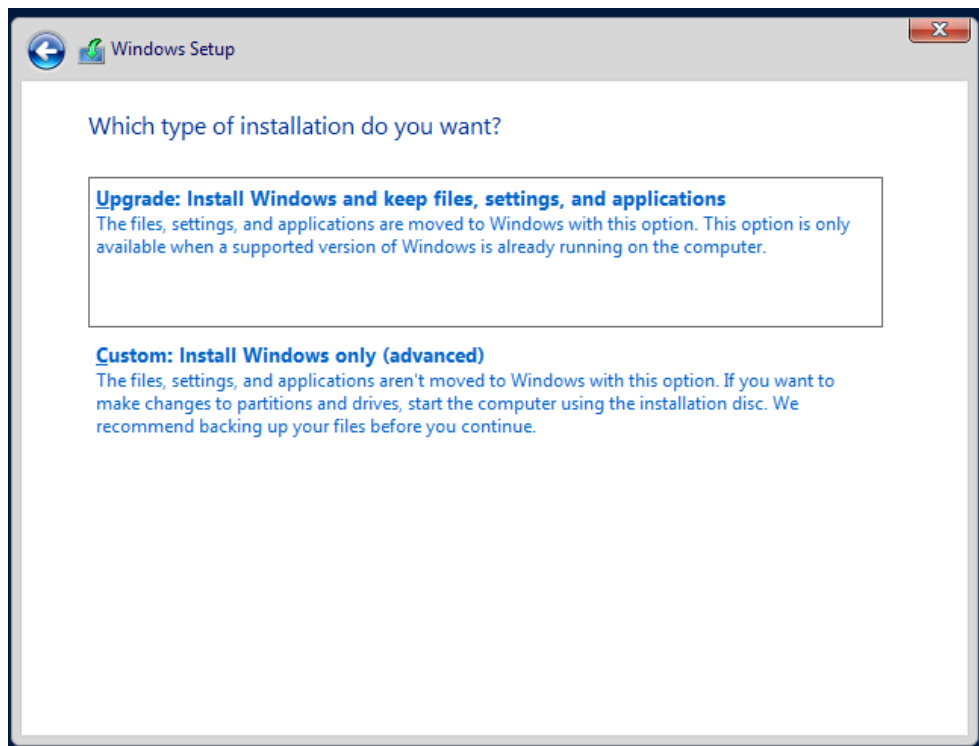
Click Install Now.

**Select the version you want to install Click Next**

Accept the License Agreement and click next.

Select custom installation if you are doing a fresh installation. Or, select upgrade if you are upgrading your older Windows Server to Windows Server 2019.

Select the disk and click on Next to install Windows Server 2019. If you want to create additional logical partitions then select the disk and click on assign the partition size. You can create multiple partitions within available storage.
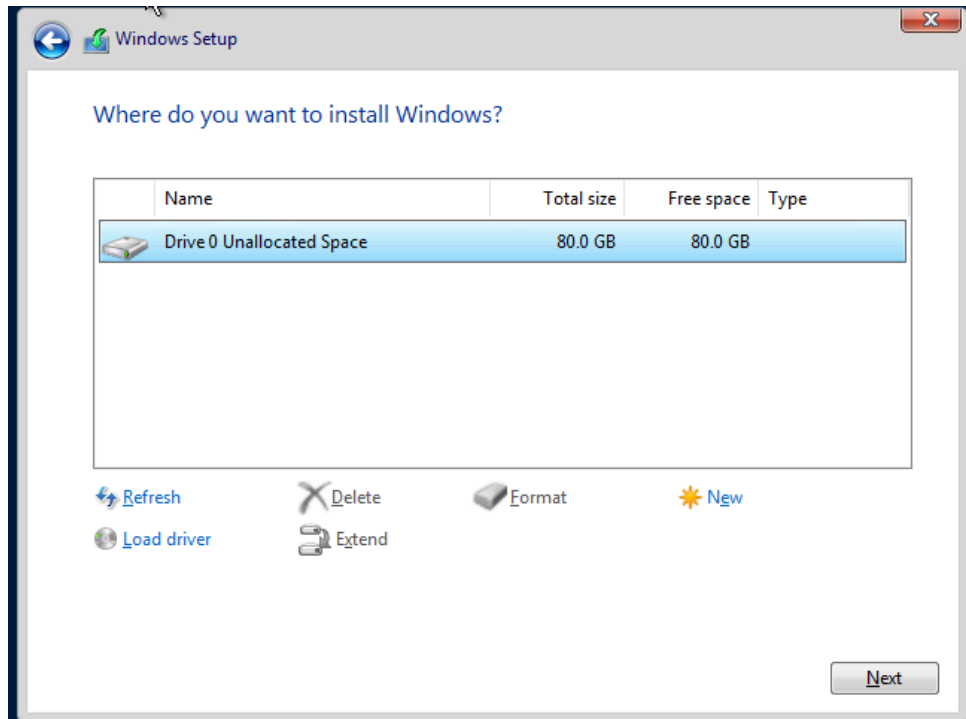
After clicking next installation will start.

Create Administrator User

Click Finish
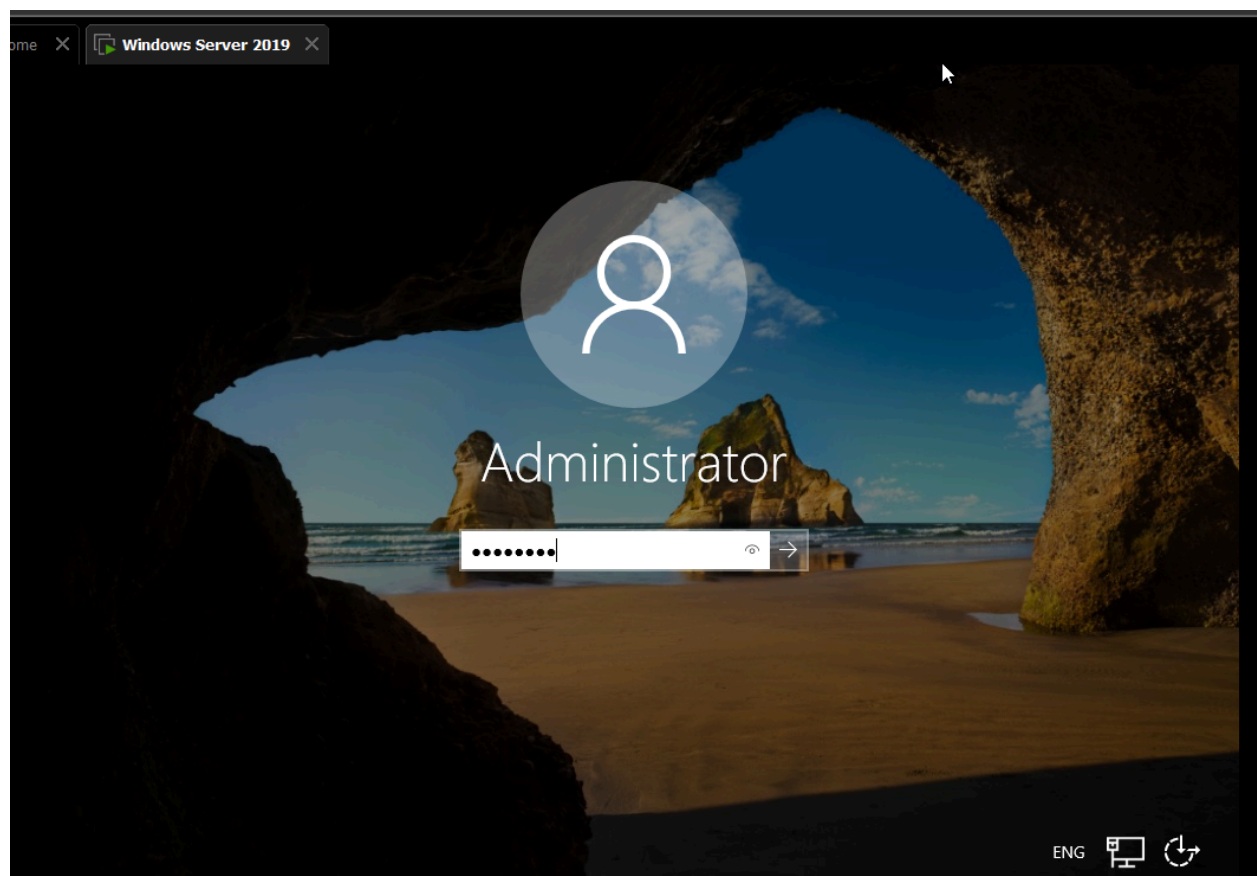
Windows Server 2019 is ready to Use