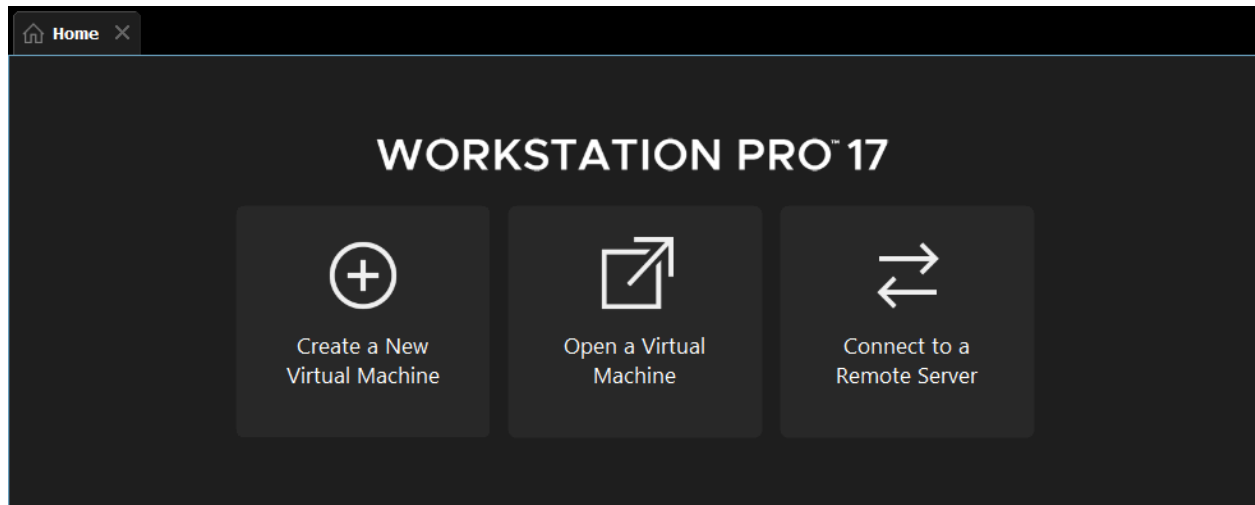


Installation of Windows Server 2019

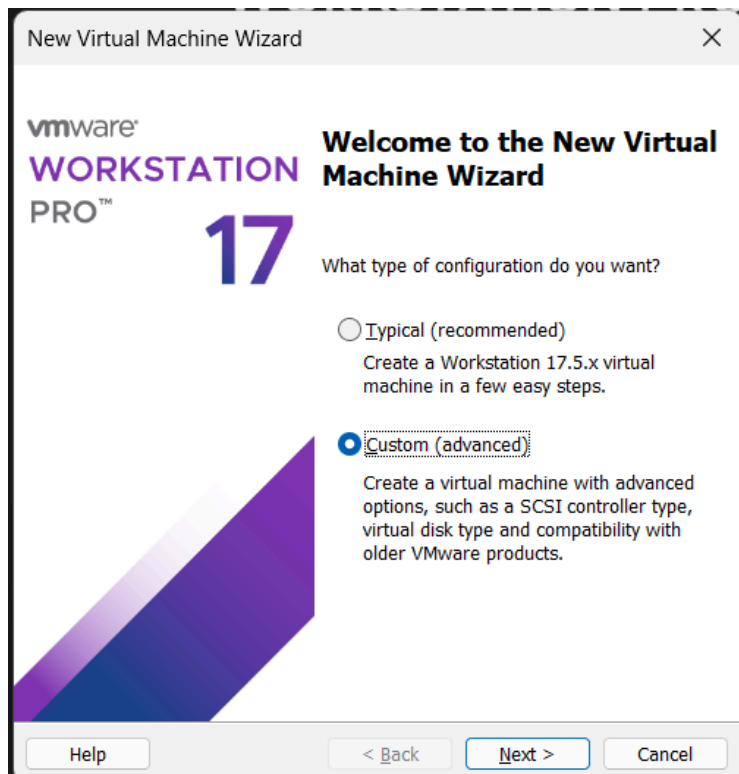
Step 1. Open the new Virtual Machine Wizard

Open up the VMWare Workstation

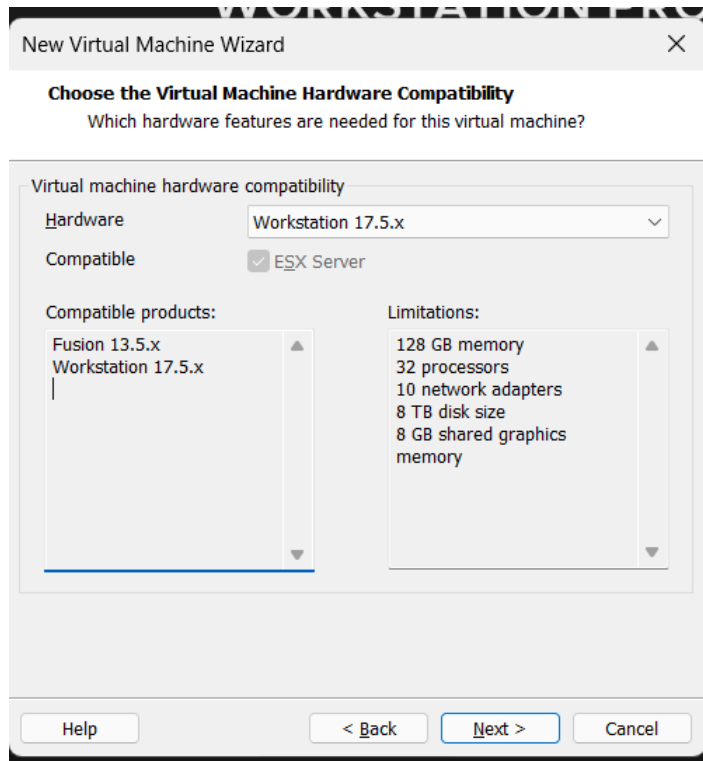
Go to File -> New Virtual Machine or Ctrl + N



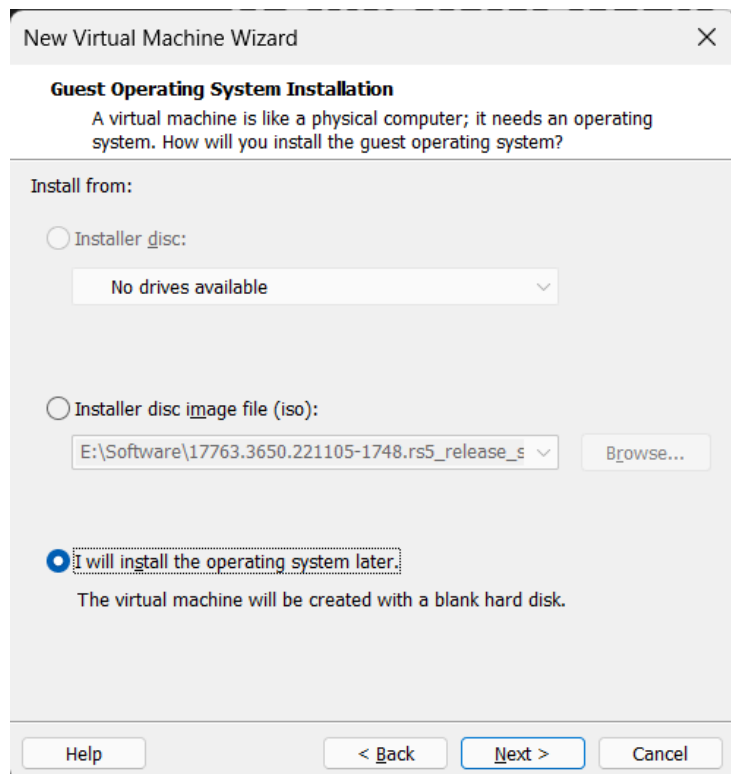
Select Custom Wizard and click Next



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



Select to install the operating system later option. Click Next



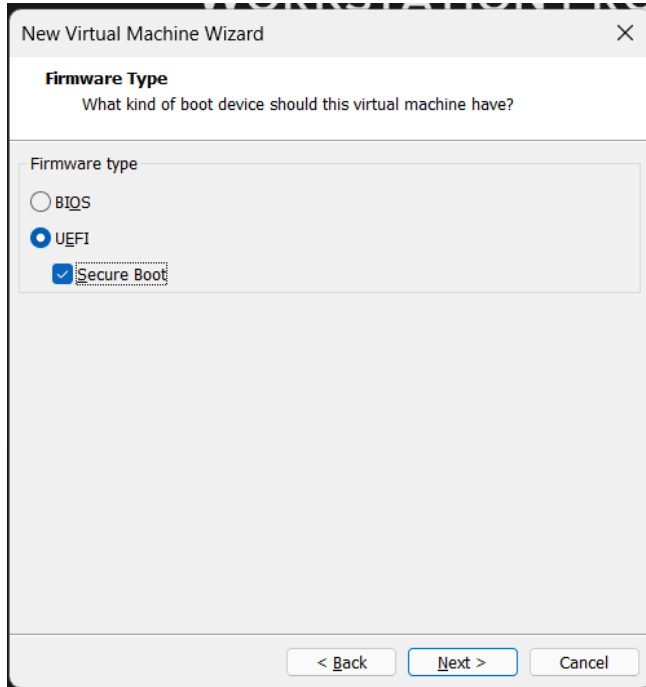
Select Microsoft Windows and in version select Windows Server 2019 and Click Next

The screenshot shows the 'New Virtual Machine Wizard' dialog box. The title bar says 'New Virtual Machine Wizard' with a close button. The main heading is 'Select a Guest Operating System' with the subtext 'Which operating system will be installed on this virtual machine?'. Below this, there's a section 'Guest operating system' with four radio button options: 'Microsoft Windows' (selected), 'Linux', 'VMware ESX', and 'Other'. Below that is a 'Version' section with a dropdown menu showing 'Windows Server 2019'. At the bottom, there are four buttons: 'Help', '< Back', 'Next >', and 'Cancel'.

Give the Virtual Machine Name & Location then Click Next

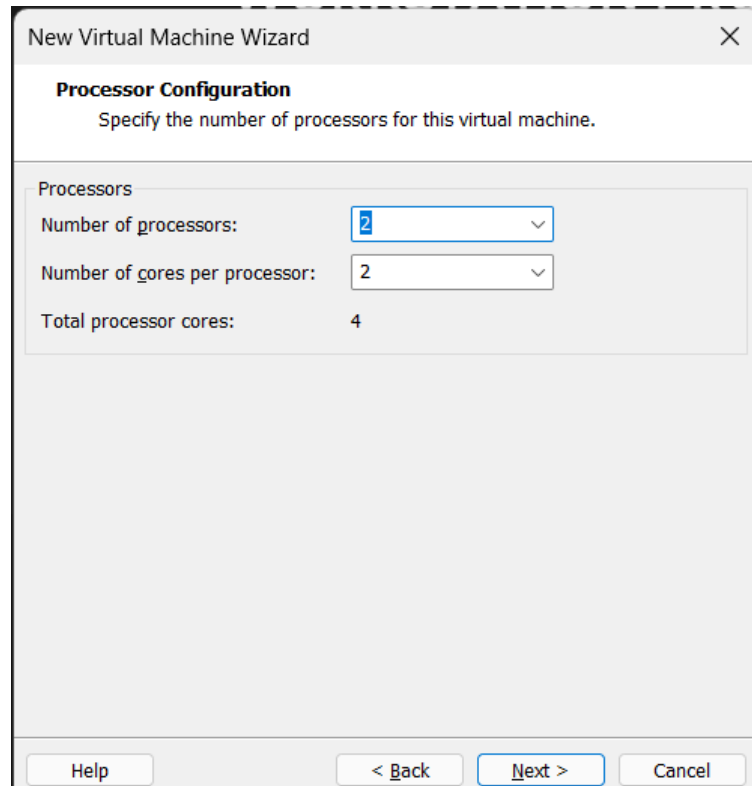
The screenshot shows the 'New Virtual Machine Wizard' dialog box, Step 2: 'Name the Virtual Machine'. The title bar says 'New Virtual Machine Wizard' with a close button. The main heading is 'Name the Virtual Machine' with the subtext 'What name would you like to use for this virtual machine?'. Below this, there's a 'Virtual machine name:' label followed by a text input field containing 'Windows Server 2019'. Below that is a 'Location:' label followed by a text input field containing 'D:\Study\Windows\Server 2019' and a 'Browse...' button. A note at the bottom says 'The default location can be changed at Edit > Preferences.' At the bottom of the dialog, there are three buttons: '< Back', 'Next >', and 'Cancel'.

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



The screenshot shows the 'New Virtual Machine Wizard' window, specifically the 'Firmware Type' step. The title bar reads 'New Virtual Machine Wizard' with a close button. The main heading is 'Firmware Type' with the instruction 'What kind of boot device should this virtual machine have?'. Under the heading 'Firmware type', there are two radio buttons: 'BIOS' and 'UEFI'. The 'UEFI' option is selected. Below the radio buttons, there is a checkbox labeled 'Secure Boot' which is also checked. At the bottom of the window, there are three buttons: '< Back', 'Next >', and 'Cancel'.

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



The screenshot shows the 'New Virtual Machine Wizard' window, specifically the 'Processor Configuration' step. The title bar reads 'New Virtual Machine Wizard' with a close button. The main heading is 'Processor Configuration' with the instruction 'Specify the number of processors for this virtual machine.' Under the heading 'Processors', there are two dropdown menus. The first is labeled 'Number of processors:' and has the value '2' selected. The second is labeled 'Number of cores per processor:' and has the value '2' selected. Below these, the text 'Total processor cores:' is followed by the value '4'. At the bottom of the window, there are four buttons: 'Help', '< Back', 'Next >', and 'Cancel'.

Set the Memory for the virtual machine

This depends on your host machine's hardware. Click Next

The screenshot shows the 'New Virtual Machine Wizard' window, specifically the 'Memory for the Virtual Machine' step. The window title is 'New Virtual Machine Wizard'. The subtitle is 'Memory for the Virtual Machine'. Below the subtitle is the question 'How much memory would you like to use for this virtual machine?'. The main instruction says 'Specify the amount of memory allocated to this virtual machine. The memory size must be a multiple of 4 MB.' On the left, there is a vertical slider with memory values ranging from 4 MB to 128 GB in increments of 4 MB. A blue arrow points to the 4 GB mark. To the right of the slider, there is a text box labeled 'Memory for this virtual machine:' containing the value '4096' and a unit 'MB'. Below this, there are three recommendations: 'Maximum recommended memory: 11.7 GB' (indicated by a blue square), 'Recommended memory: 2 GB' (indicated by a green square), and 'Guest OS recommended minimum: 1 GB' (indicated by a yellow square). At the bottom, there are four buttons: 'Help', '< Back', 'Next >', and 'Cancel'.

New Virtual Machine Wizard

Memory for the Virtual Machine
How much memory would you like to use for this virtual machine?

Specify the amount of memory allocated to this virtual machine. The memory size must be a multiple of 4 MB.

Memory for this virtual machine: 4096 MB

Maximum recommended memory: 11.7 GB

Recommended memory: 2 GB

Guest OS recommended minimum: 1 GB

Help < Back Next > Cancel

Select Network Connection settings for the VM

Four options are available to select. Please read and select your desired network setting then Click Next

The screenshot shows the 'New Virtual Machine Wizard' window, specifically the 'Network Type' step. The window title is 'New Virtual Machine Wizard'. The subtitle is 'Network Type'. Below the subtitle is the question 'What type of network do you want to add?'. The main section is titled 'Network connection' and contains four radio button options: 'Use bridged networking' (selected), 'Use network address translation (NAT)', 'Use host-only networking', and 'Do not use a network connection'. Each option has a brief description. At the bottom, there are four buttons: 'Help', '< Back', 'Next >', and 'Cancel'.

New Virtual Machine Wizard

Network Type
What type of network do you want to add?

Network connection

☒ Use bridged networking
Give the guest operating system direct access to an external Ethernet network. The guest must have its own IP address on the external network.

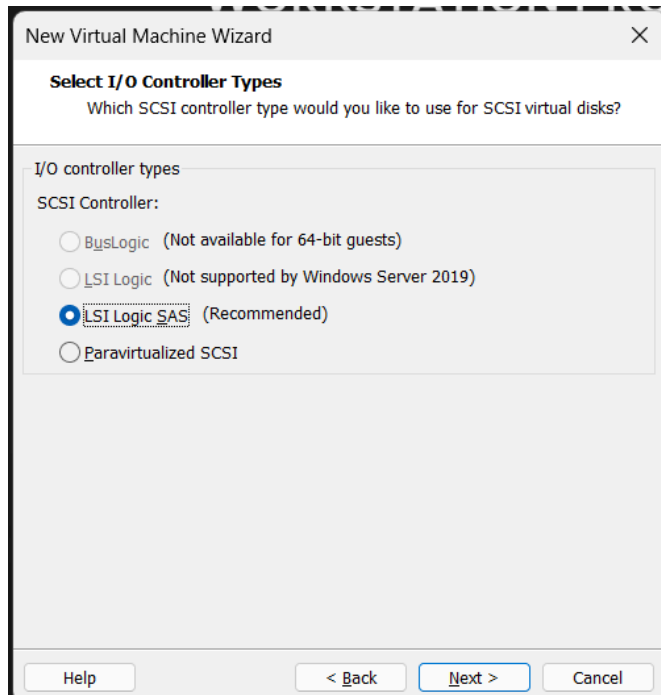
☐ Use network address translation (NAT)
Give the guest operating system access to the host computer's dial-up or external Ethernet network connection using the host's IP address.

☐ Use host-only networking
Connect the guest operating system to a private virtual network on the host computer.

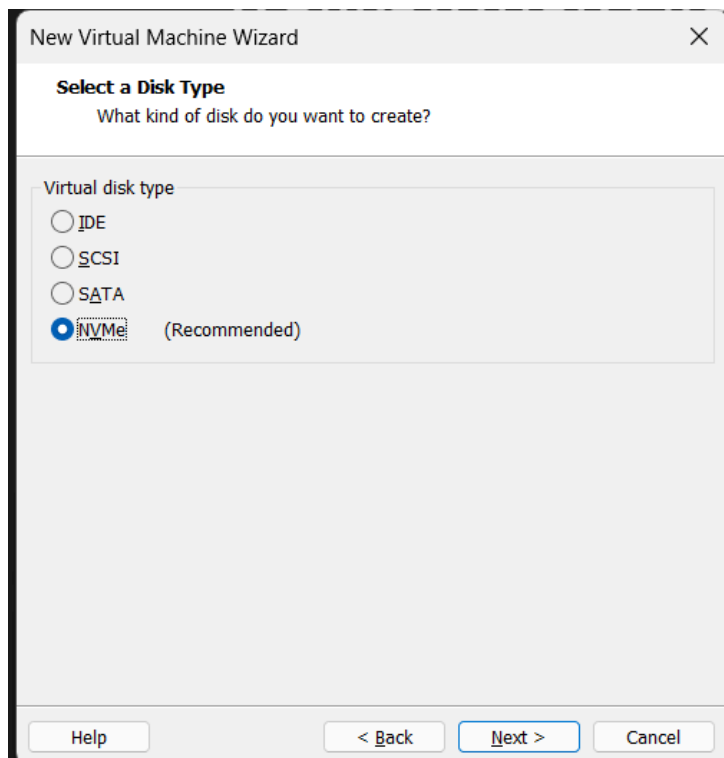
☐ Do not use a network connection

Help < Back Next > Cancel

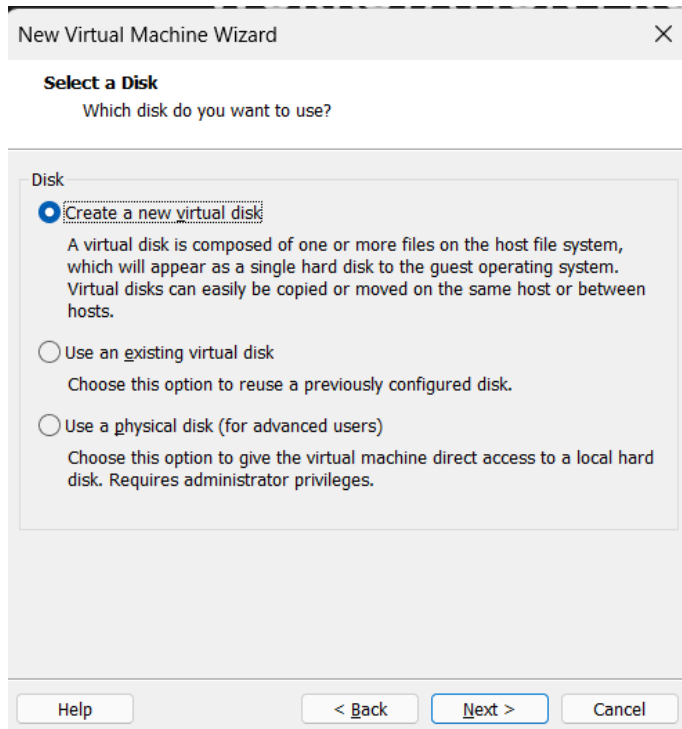
Choose the appropriate storage IO controller then Click Next



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



The screenshot shows the 'New Virtual Machine Wizard' window, specifically the 'Select a Disk' step. The title bar reads 'New Virtual Machine Wizard' with a close button. Below the title bar, the section is 'Select a Disk' with the question 'Which disk do you want to use?'. Under the 'Disk' heading, there are three radio button options: 'Create a new virtual disk' (selected), 'Use an existing virtual disk', and 'Use a physical disk (for advanced users)'. Each option has a brief description. At the bottom, there are four buttons: 'Help', '< Back', 'Next >', and 'Cancel'.

Select a Disk
Which disk do you want to use?

Disk

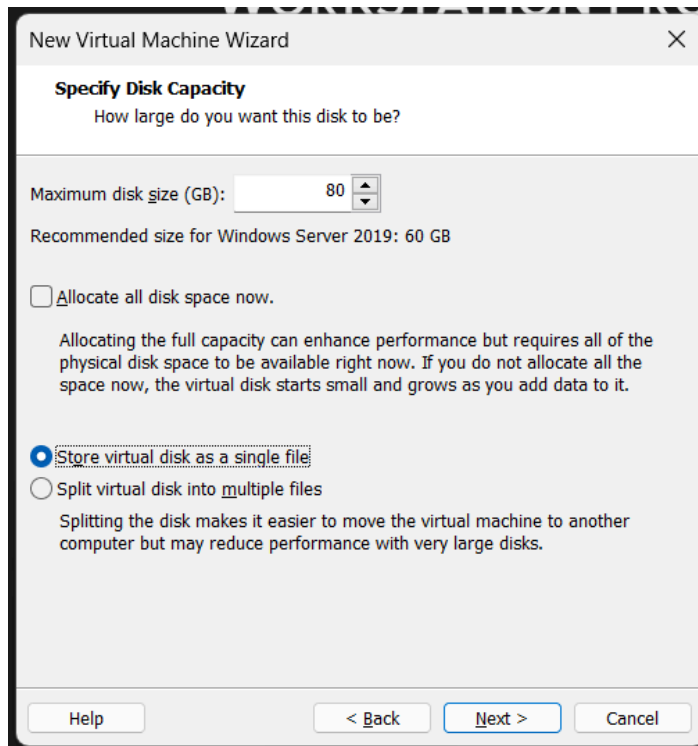
☒ Create a new virtual disk
A virtual disk is composed of one or more files on the host file system, which will appear as a single hard disk to the guest operating system. Virtual disks can easily be copied or moved on the same host or between hosts.

☐ Use an existing virtual disk
Choose this option to reuse a previously configured disk.

☐ Use a physical disk (for advanced users)
Choose this option to give the virtual machine direct access to a local hard disk. Requires administrator privileges.

Help < Back Next > Cancel

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.



The screenshot shows the 'New Virtual Machine Wizard' window, specifically the 'Specify Disk Capacity' step. The title bar reads 'New Virtual Machine Wizard' with a close button. Below the title bar, the section is 'Specify Disk Capacity' with the question 'How large do you want this disk to be?'. There is a text box for 'Maximum disk size (GB):' with the value '80' and a spin button. Below this, it says 'Recommended size for Windows Server 2019: 60 GB'. There are two radio button options: 'Allocate all disk space now.' (unchecked) and 'Store virtual disk as a single file' (selected). Each option has a brief description. At the bottom, there are four buttons: 'Help', '< Back', 'Next >', and 'Cancel'.

Specify Disk Capacity
How large do you want this disk to be?

Maximum disk size (GB): 80

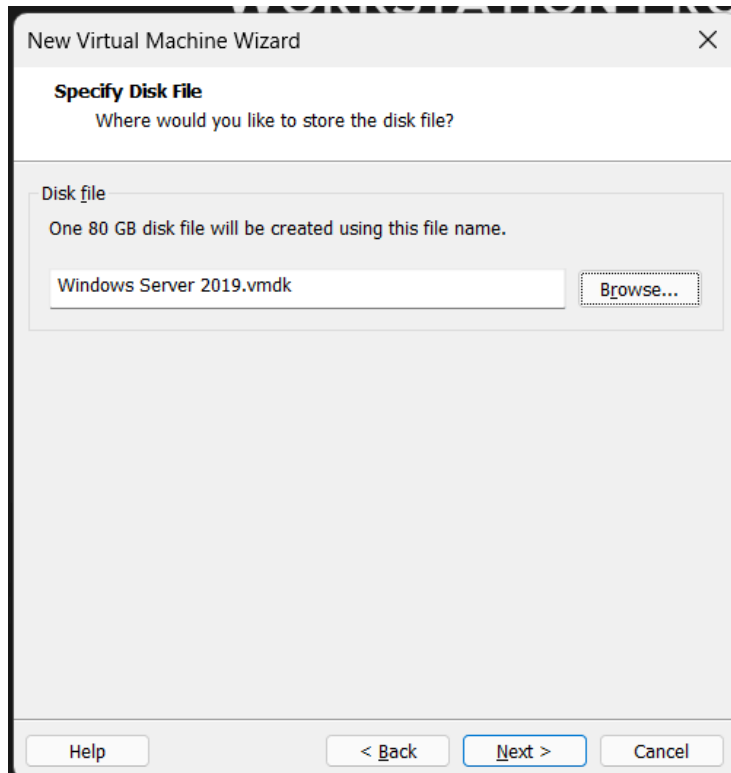
Recommended size for Windows Server 2019: 60 GB

☐ Allocate all disk space now.
Allocating the full capacity can enhance performance but requires all of the physical disk space to be available right now. If you do not allocate all the space now, the virtual disk starts small and grows as you add data to it.

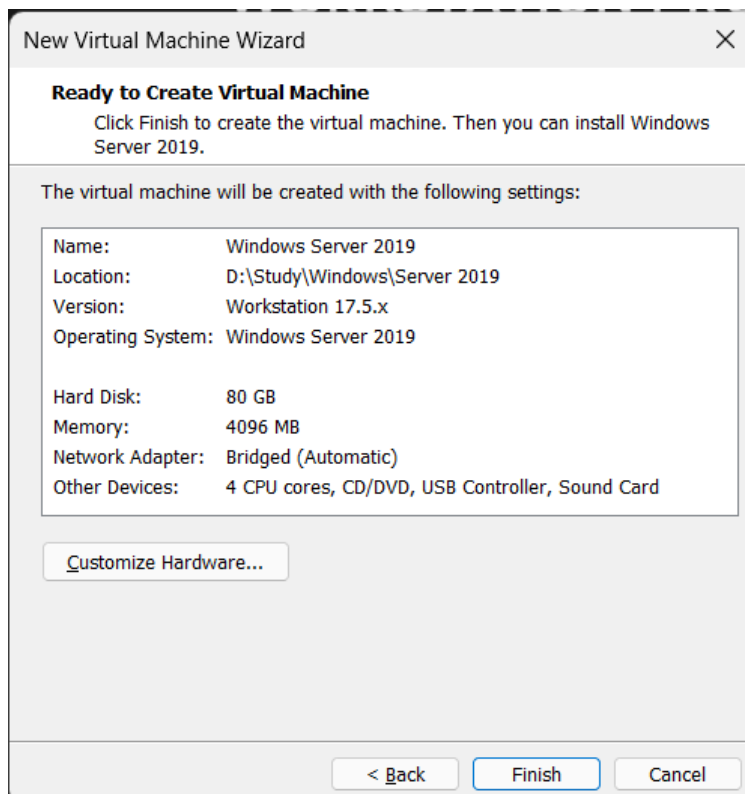
☒ Store virtual disk as a single file
Splitting the disk makes it easier to move the virtual machine to another computer but may reduce performance with very large disks.

Help < Back Next > Cancel

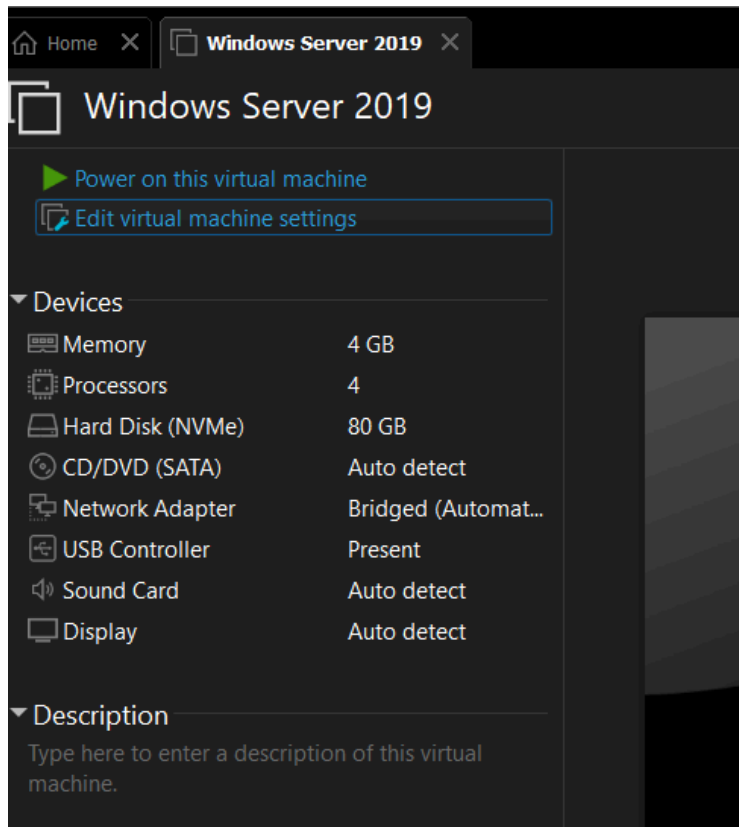
Give the location where you want to save the disk and Click Next.



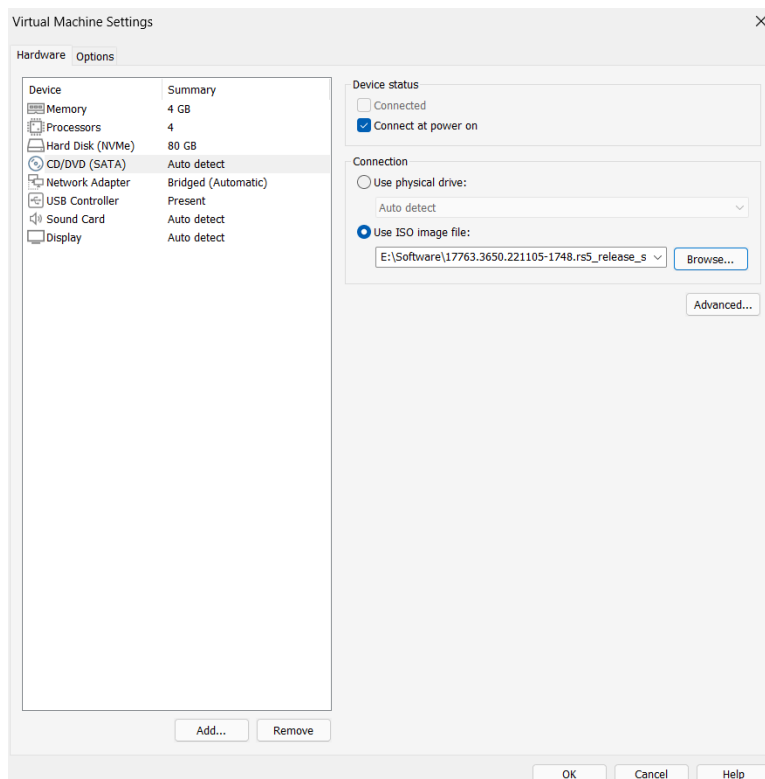
VM settings are ready to create the VM then Click Finish



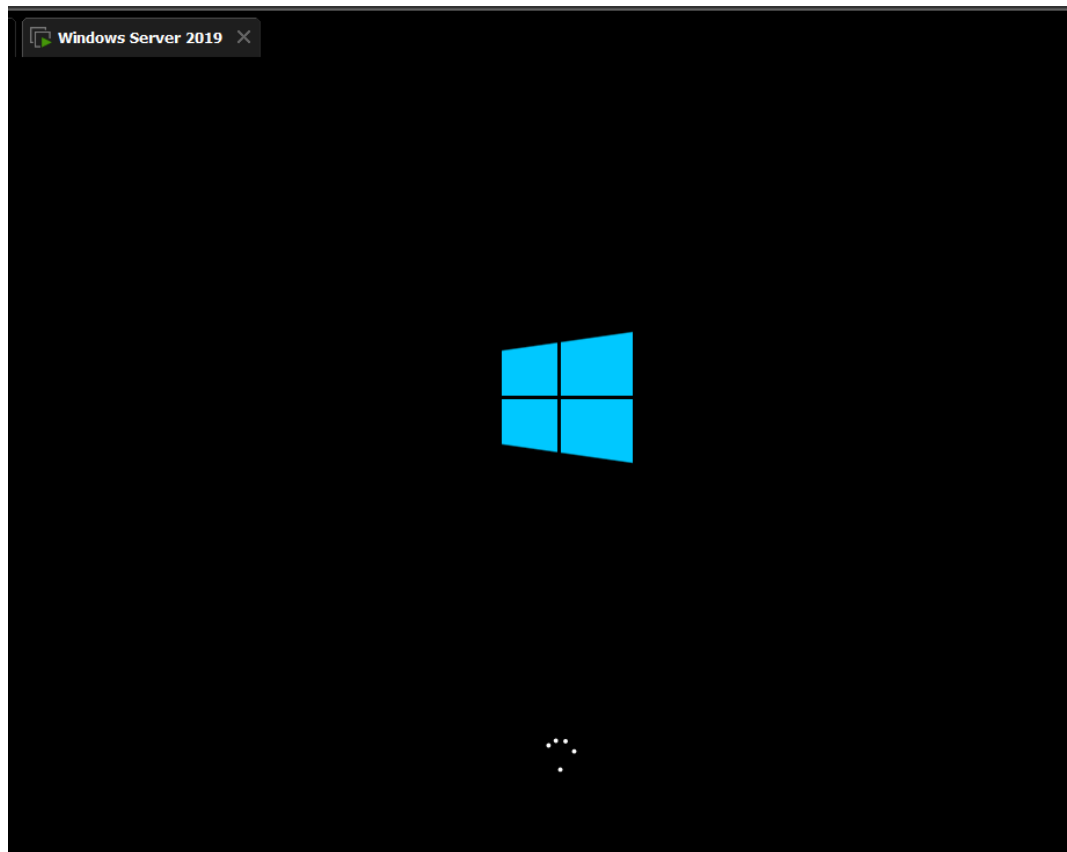
VM is ready to use.



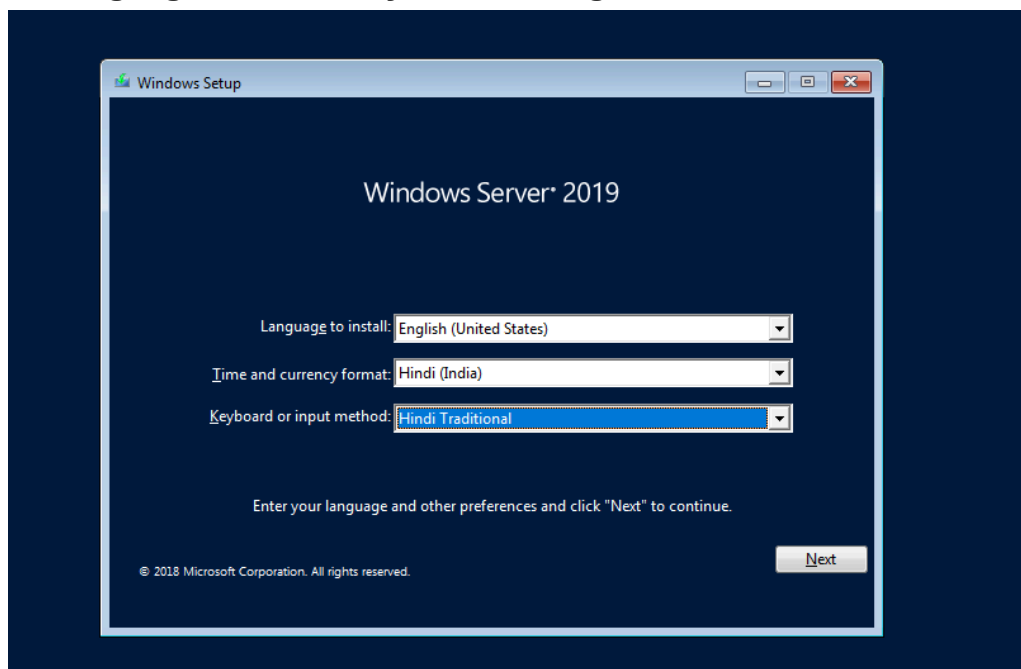
Go to the edit option, click on the CD/DVD and select the 'Use ISO image' then give the iso image location and click OK.



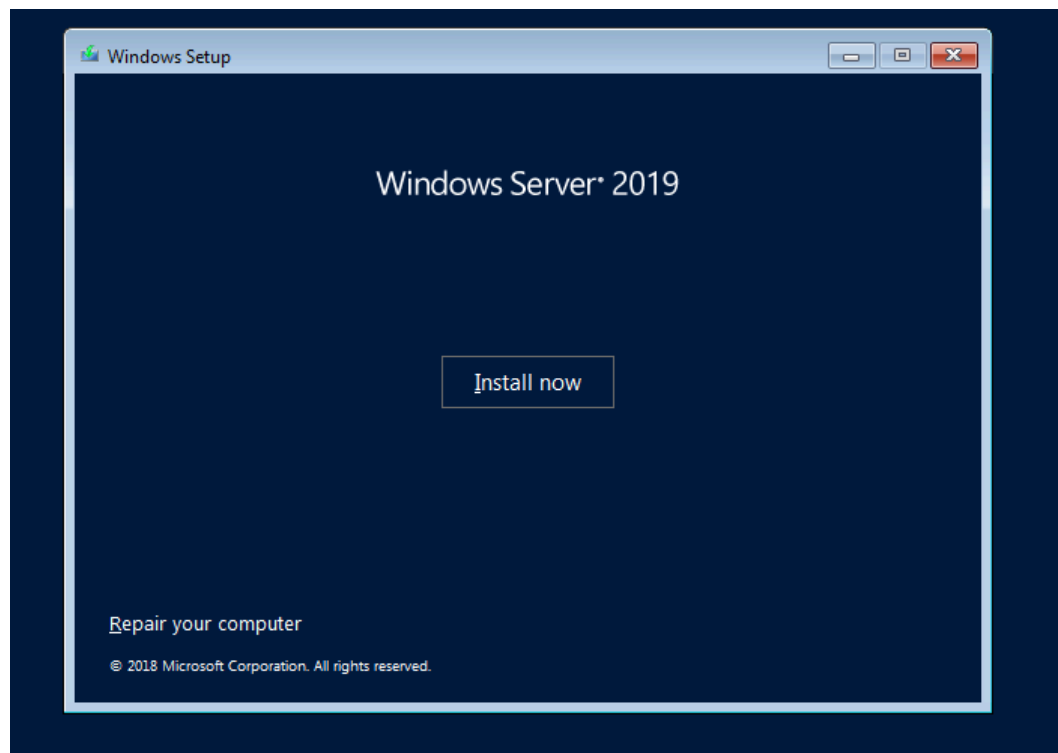
Power on the VM :-



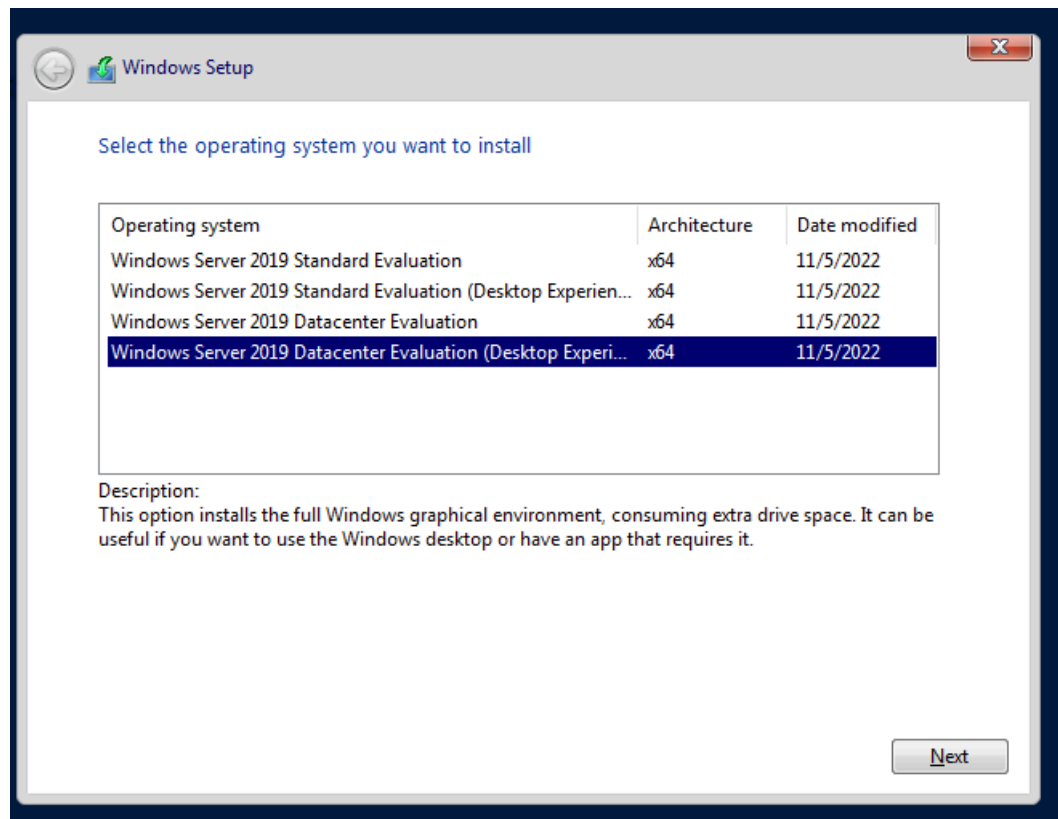
The installation wizard will appear in a couple of seconds after the boot1. Select the language time and keyboard settings Click Next



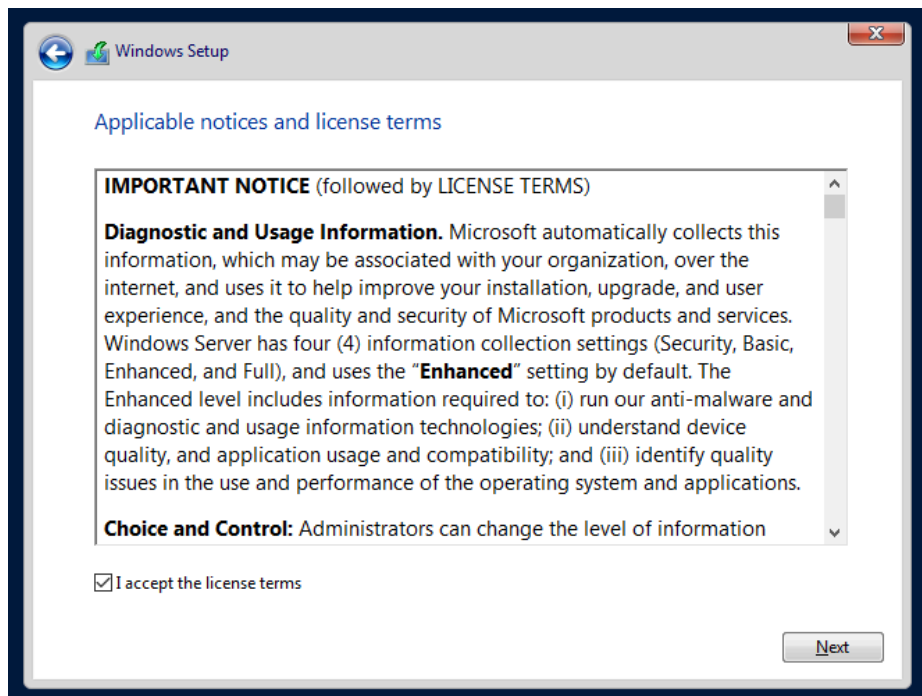
Click Install Now.



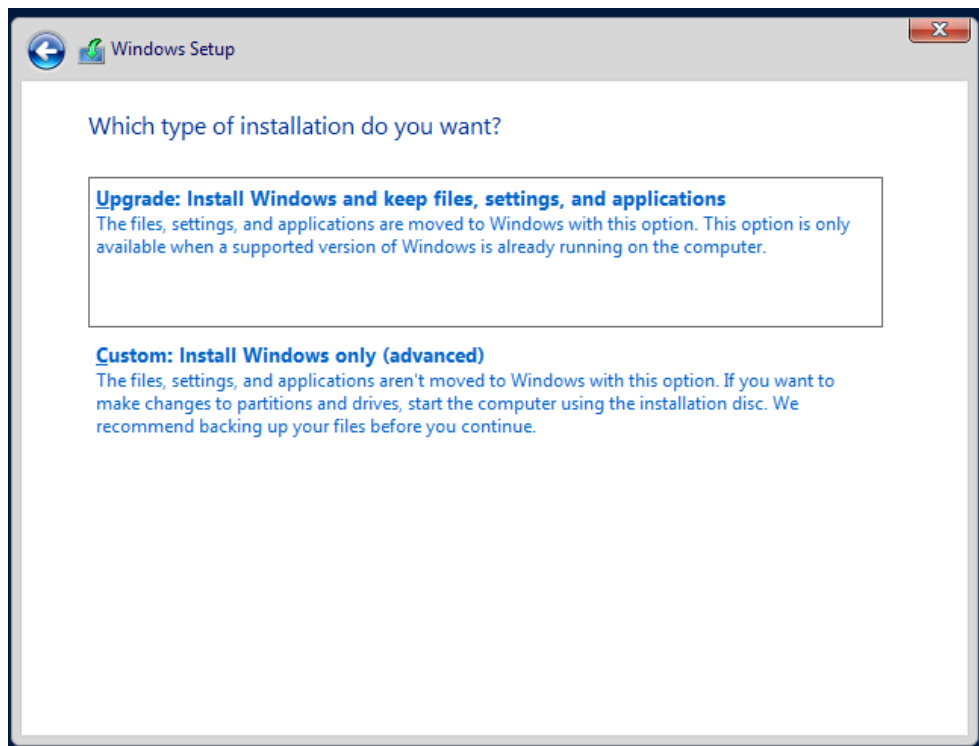
Select the version you want to install Click Next



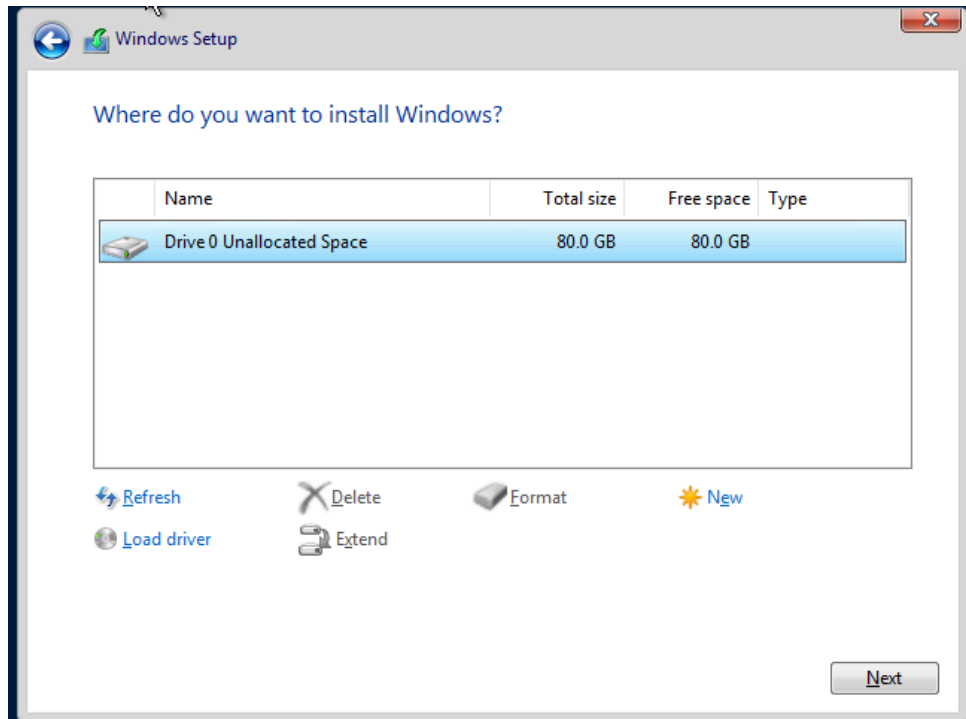
Accept the License Agreement and click next.



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


Customize settings

Type a password for the built-in administrator account that you can use to sign in to this computer.

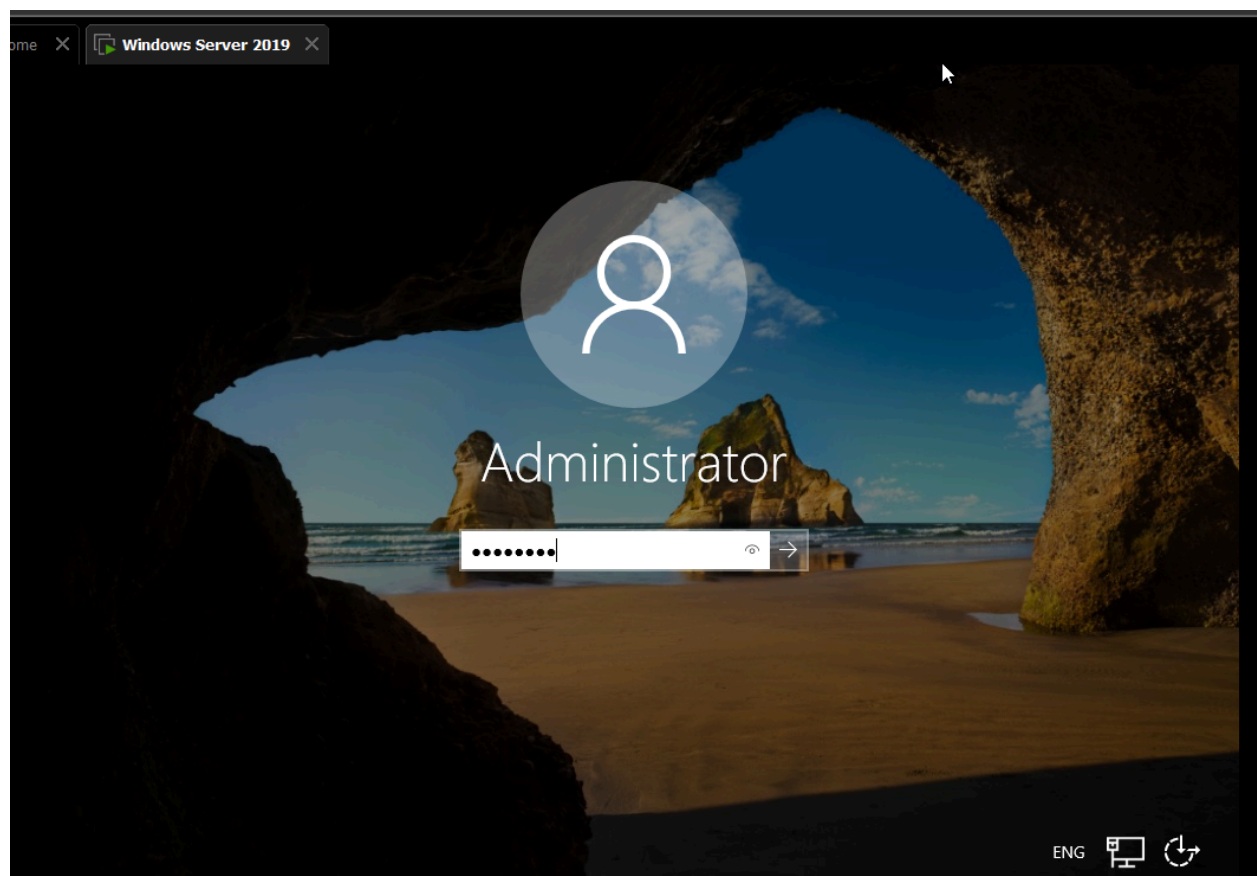
User name

Password

Reenter password 

 Finish

Click Finish



Windows Server 2019 is ready to Use

