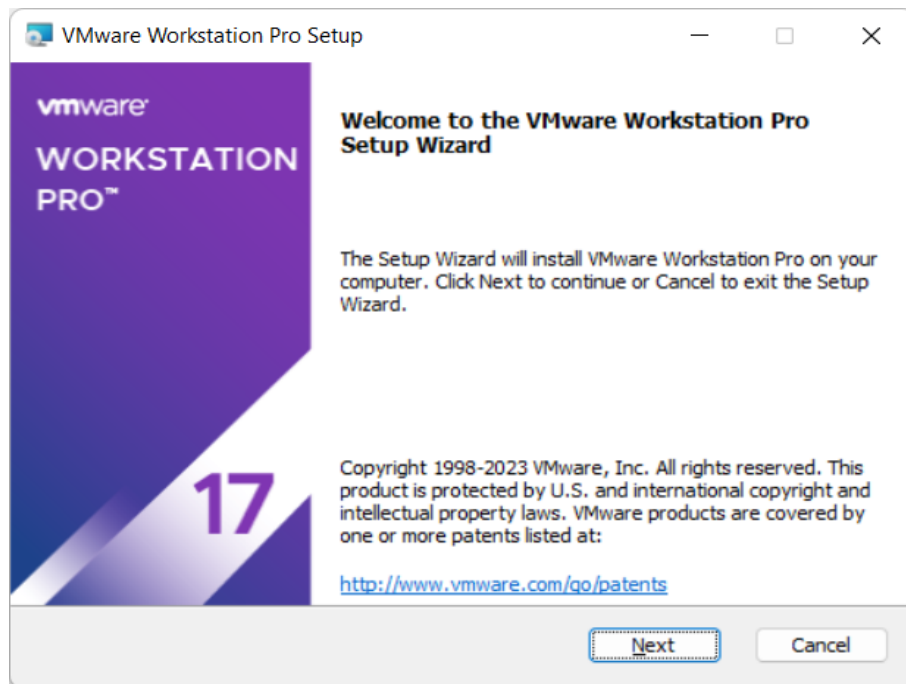
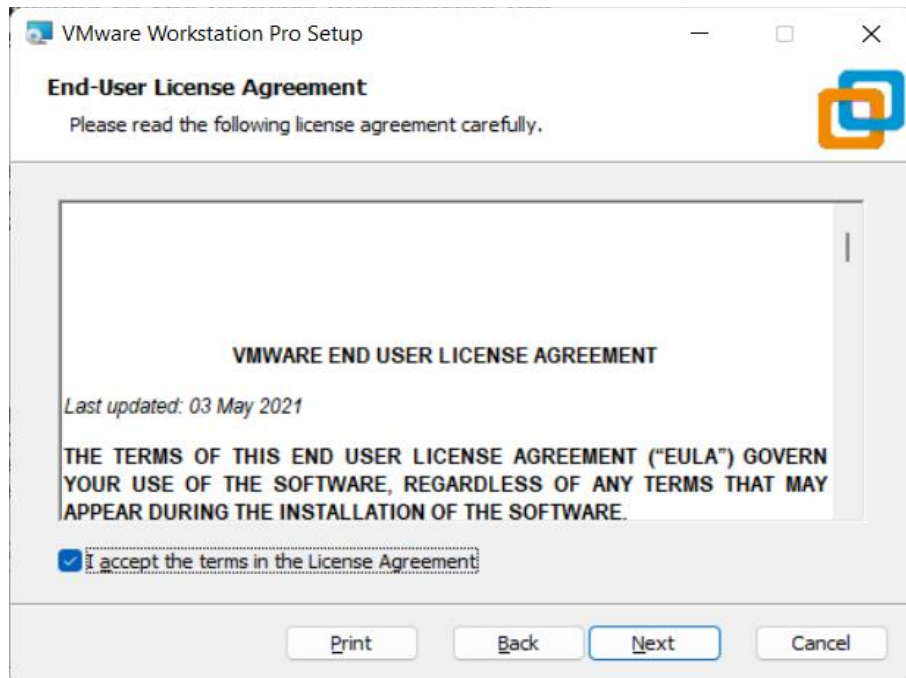


CÀI ĐẶT VMWARE WORKSTATION 17 PRO

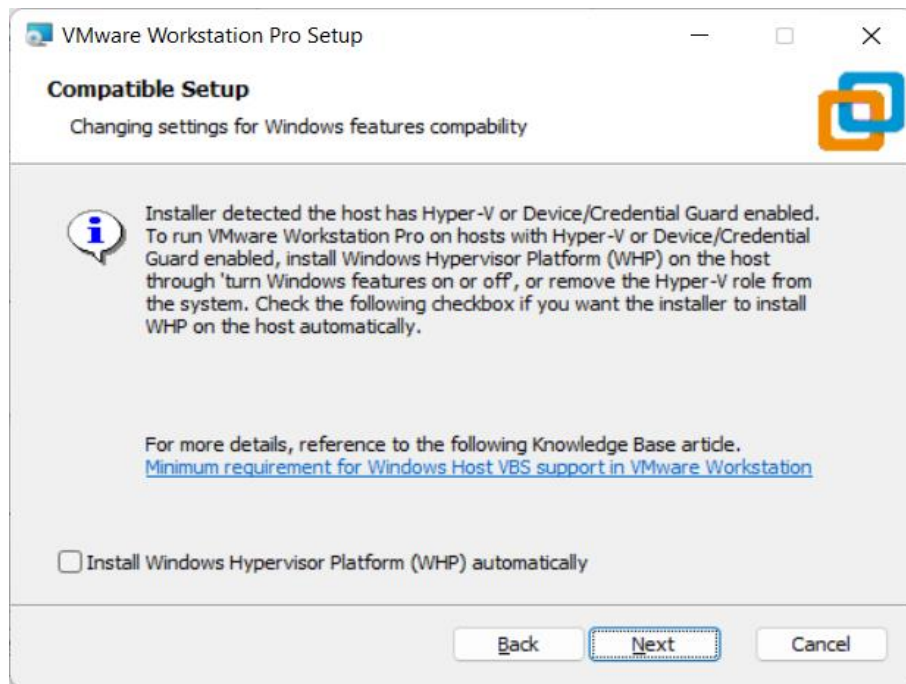
- Truy cập vào BIOS >> Enable Virtualization Technology
- Click đúp file *VMware-workstation-full-17.0.2-21581411.exe*



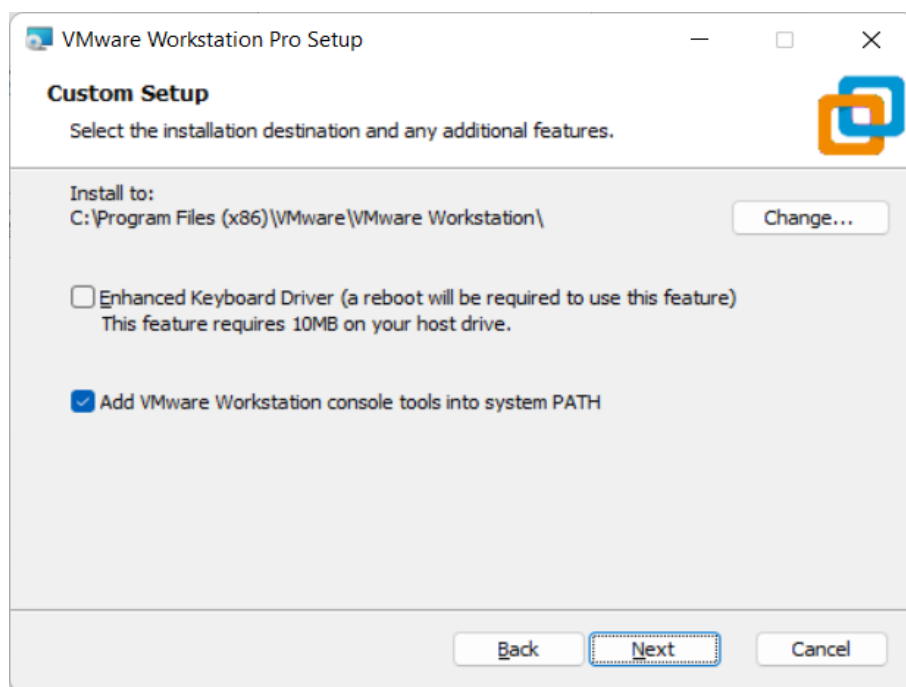
- Click Next



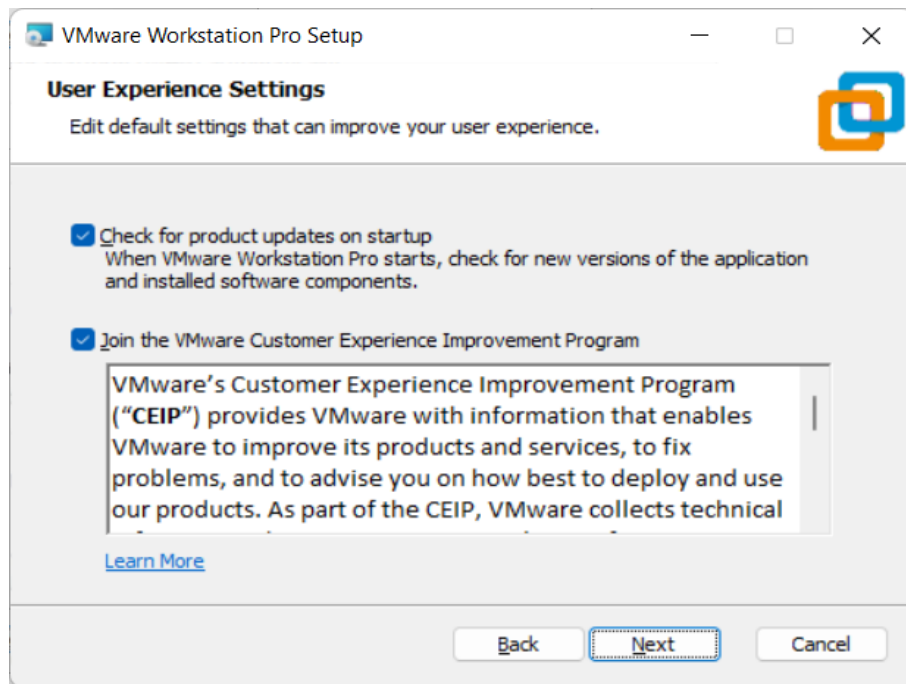
- Click Next



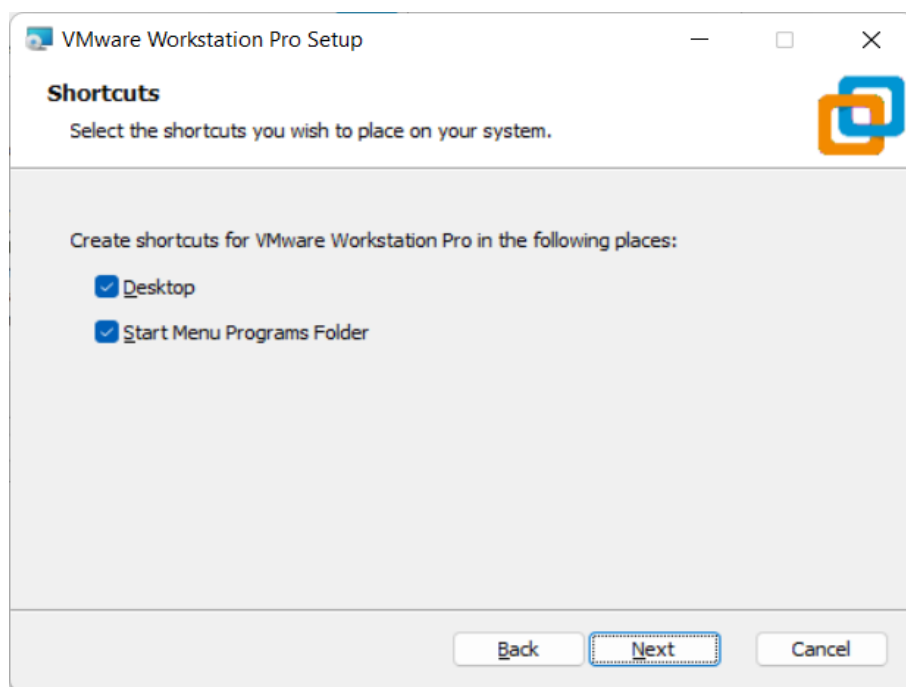
- Click Next



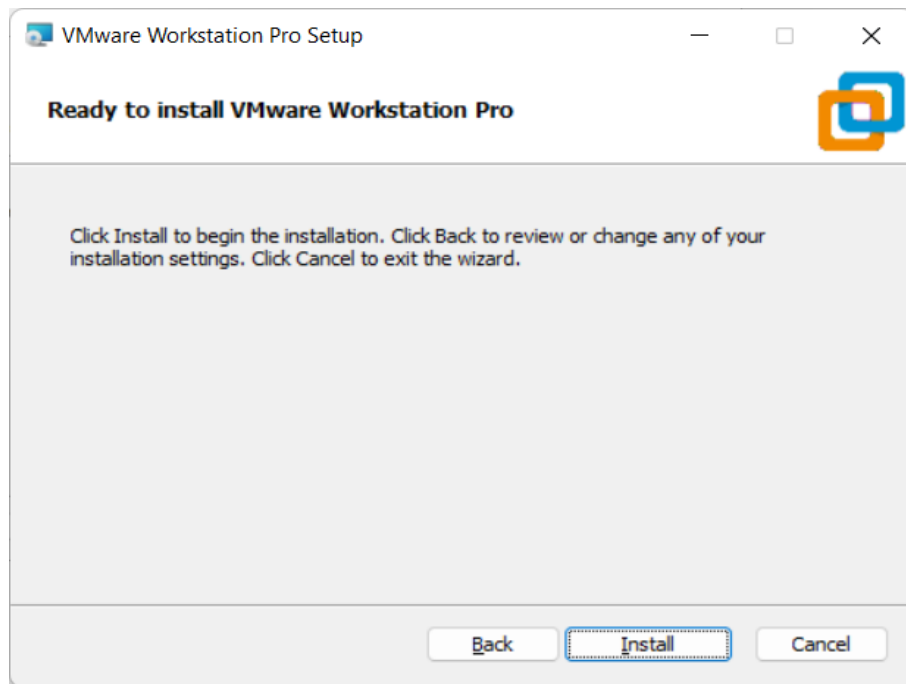
- Click Next



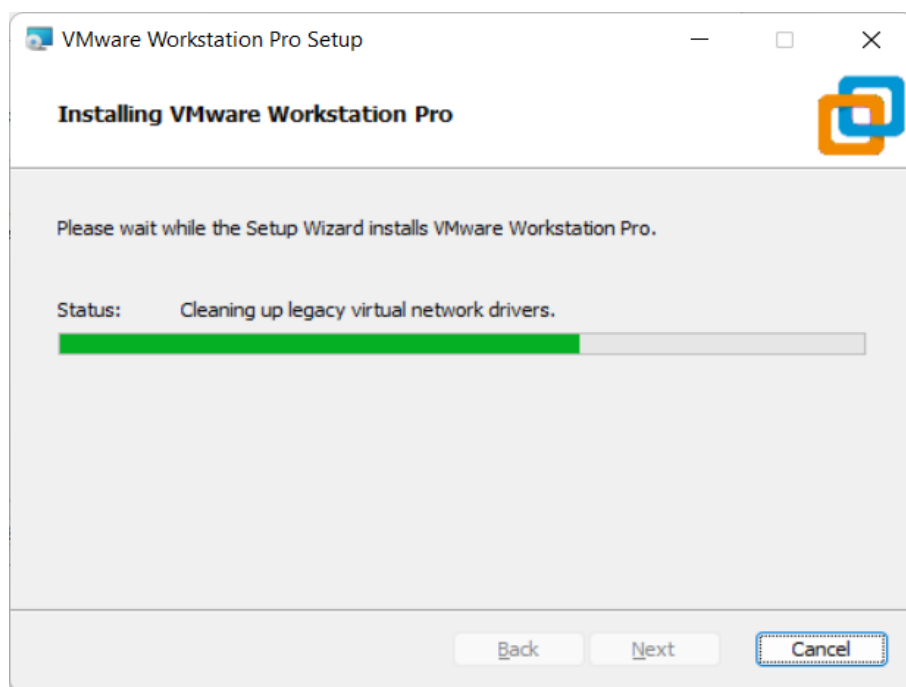
- Click Next



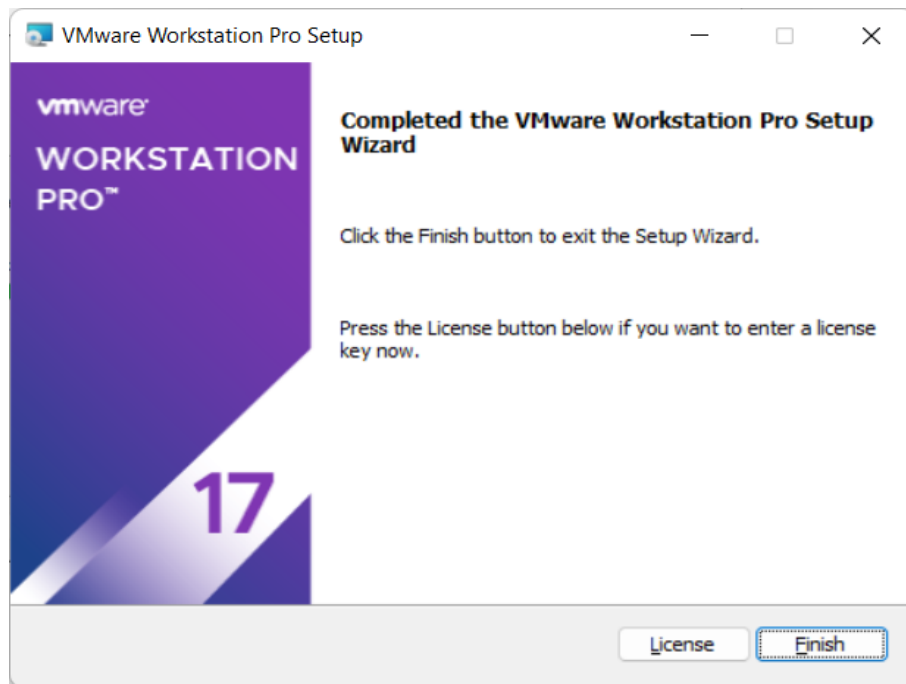
- Click Next



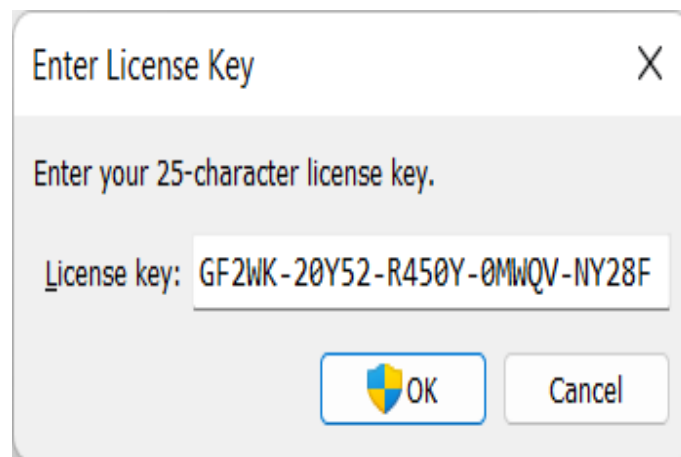
- Click Install



- Quá trình cài đặt diễn ra

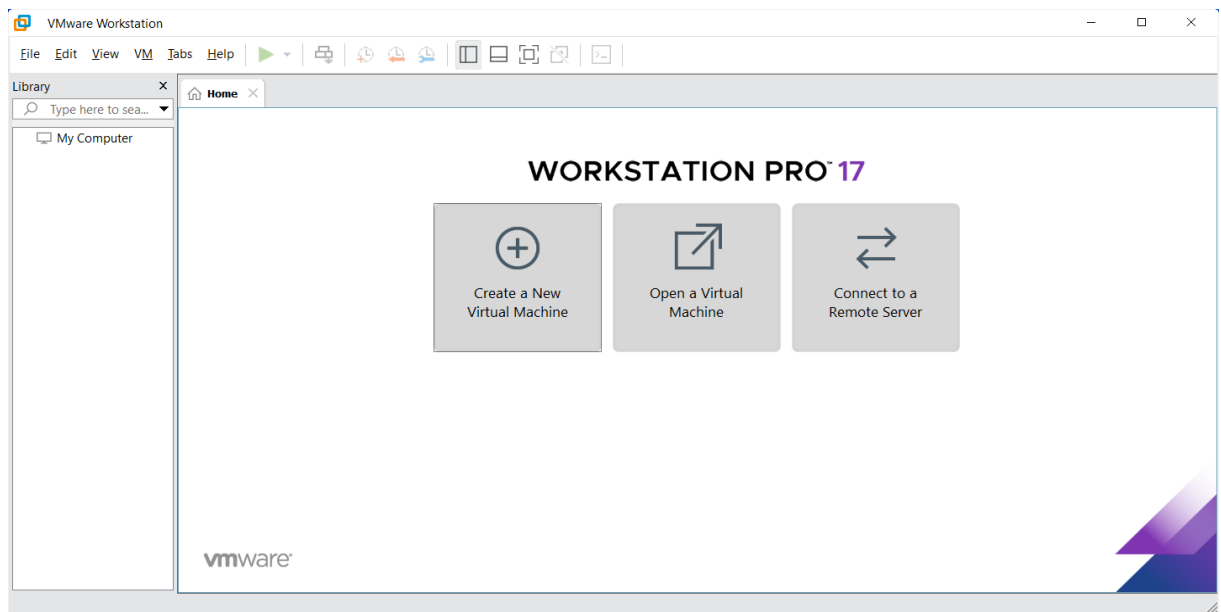


- Click Finish
- Chạy chương trình VMware Workstation Pro
- Nhập key vào để đăng ký (key có thể lấy trong file *VMware_key.txt*)



- Click OK.

TÙY CHỈNH VMWARE WORKSTATION



- Click Create a New Virtual Machine



- 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.x

Compatible: ☒ ESX Server

Compatible products:

- Fusion 13.x
- Workstation 17.x

Limitations:

- 128 GB memory
- 32 processors
- 10 network adapters
- 8 TB disk size
- 8 GB shared graphics memory

Help < Back Next > Cancel

- 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):

Browse...

☒ I will install the operating system later.

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

Help < Back Next > Cancel

- 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

- 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:\HOME-LAB\SE Browse...

The default location can be changed at Edit > Preferences.

< Back Next > Cancel

- Click Next

New Virtual Machine Wizard ✕

Firmware Type
What kind of boot device should this virtual machine have?

Firmware type

☐ BIOS

☒ UEFI

☐ Secure Boot

< Back Next > Cancel

- Click Next

New Virtual Machine Wizard ✕

Processor Configuration
Specify the number of processors for this virtual machine.

Processors

Number of processors: 2

Number of cores per processor: 1

Total processor cores: 2

Help < Back Next > Cancel

- Click Next

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.

128 GB -
64 GB -
32 GB -
16 GB -
8 GB -
4 GB -
2 GB -
1 GB -
512 MB -
256 MB -
128 MB -
64 MB -
32 MB -
16 MB -
8 MB -
4 MB -

Memory for this virtual machine: 2048 MB

Maximum recommended memory: 6.0 GB

Recommended memory: 2 GB

Guest OS recommended minimum: 1 GB

Help < Back Next > Cancel

- Click Next

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.

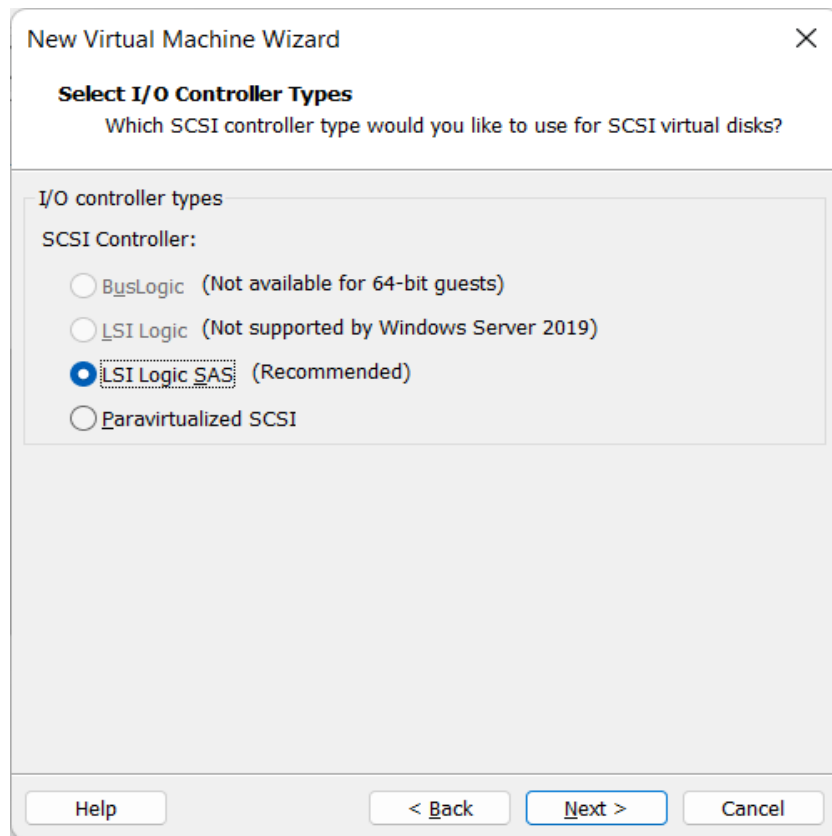
☒ Use network address translation (NAT)
Give the guest operating system access to the host computer's dial-up or external Ethernet network connection using the host's IP address.

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

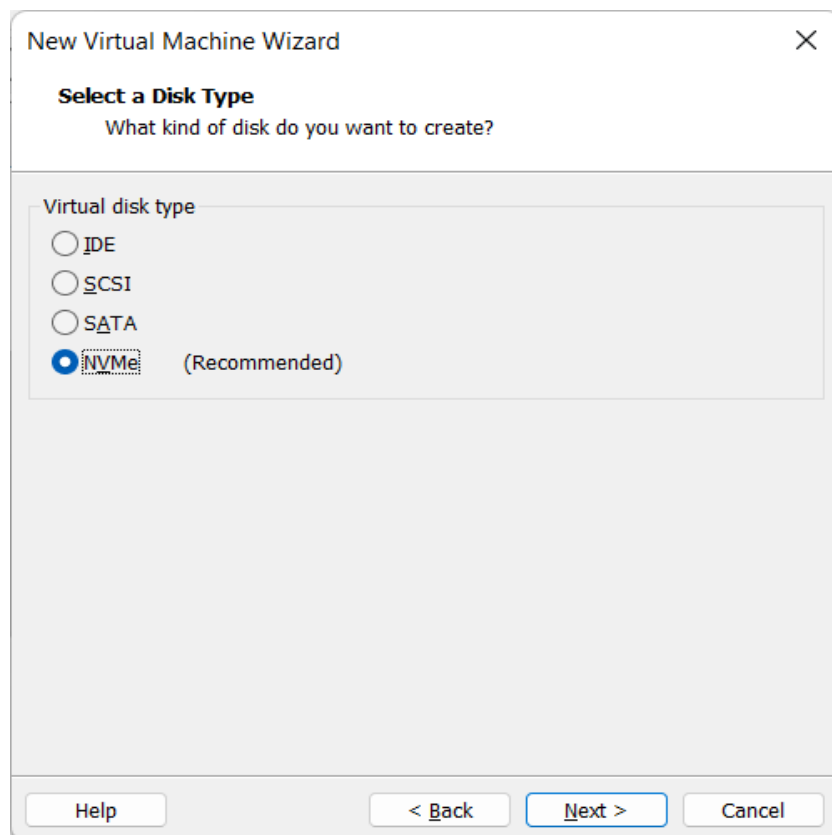
☐ Do not use a network connection

Help < Back Next > Cancel

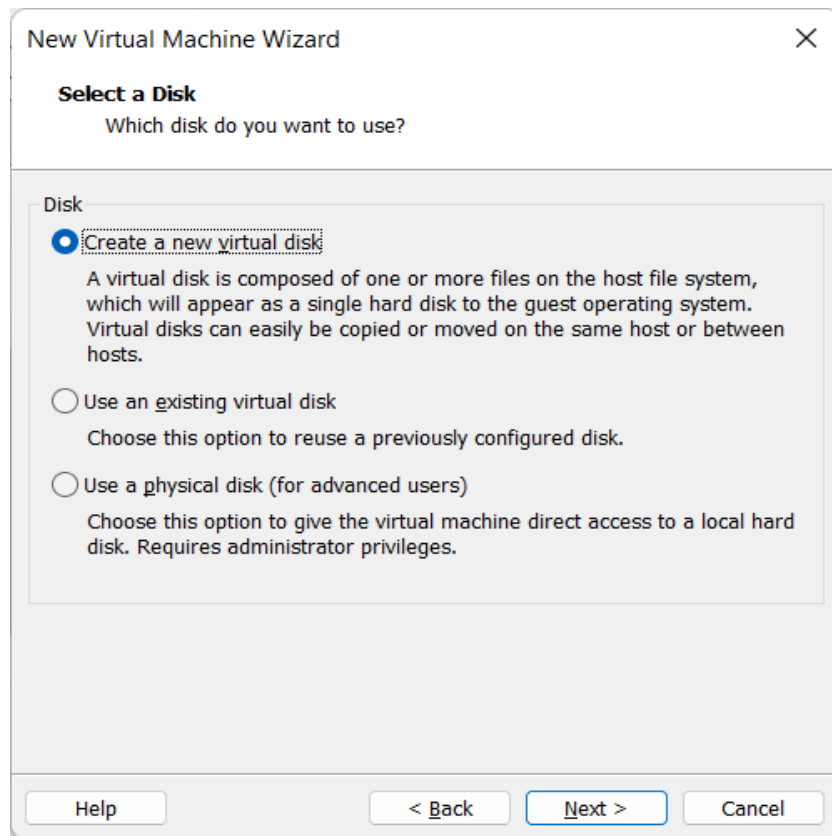
- Click Next



- Click Next



- 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, the section is 'Select a Disk' with the question 'Which disk do you want to use?'. There are three radio button options under the 'Disk' label: 'Create a new virtual disk' (selected), 'Use an existing virtual disk', and 'Use a physical disk (for advanced users)'. Each option has a descriptive paragraph. At the bottom, there are four buttons: 'Help', '< Back', 'Next >', and 'Cancel'.

New Virtual Machine Wizard

Select a Disk
Which disk do you want to use?

Disk

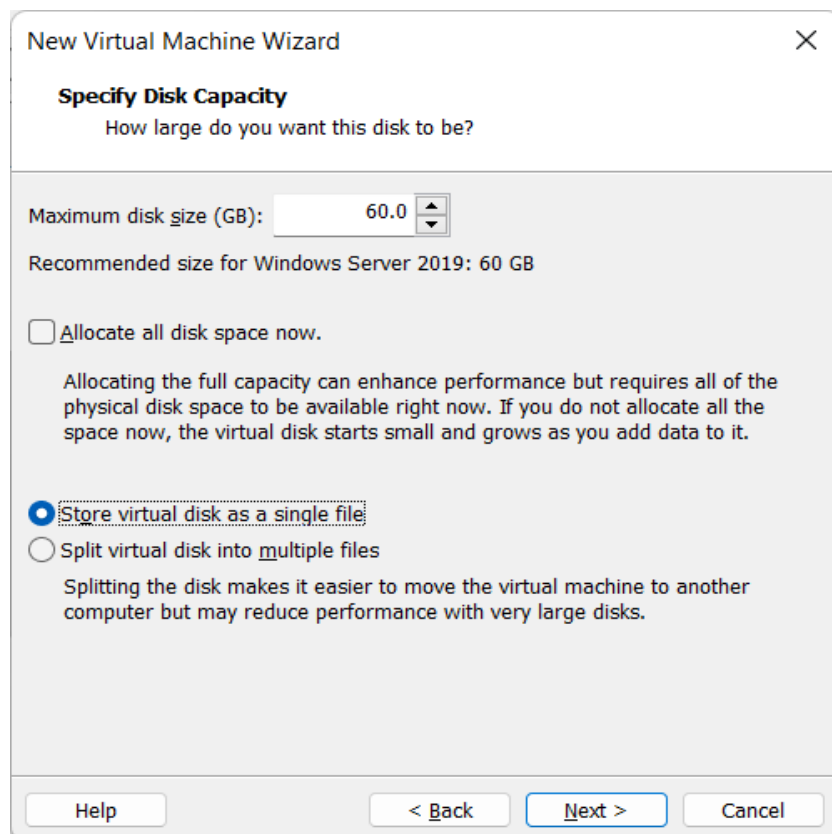
☒ **Create a new virtual disk**
A virtual disk is composed of one or more files on the host file system, which will appear as a single hard disk to the guest operating system. Virtual disks can easily be copied or moved on the same host or between hosts.

☐ 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

- 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, the section is 'Specify Disk Capacity' with the question 'How large do you want this disk to be?'. There is a text input field for 'Maximum disk size (GB):' with the value '60.0' and a spin button. Below it, 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 descriptive paragraph. At the bottom, there are four buttons: 'Help', '< Back', 'Next >', and 'Cancel'.

New Virtual Machine Wizard

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

Maximum disk size (GB): 60.0

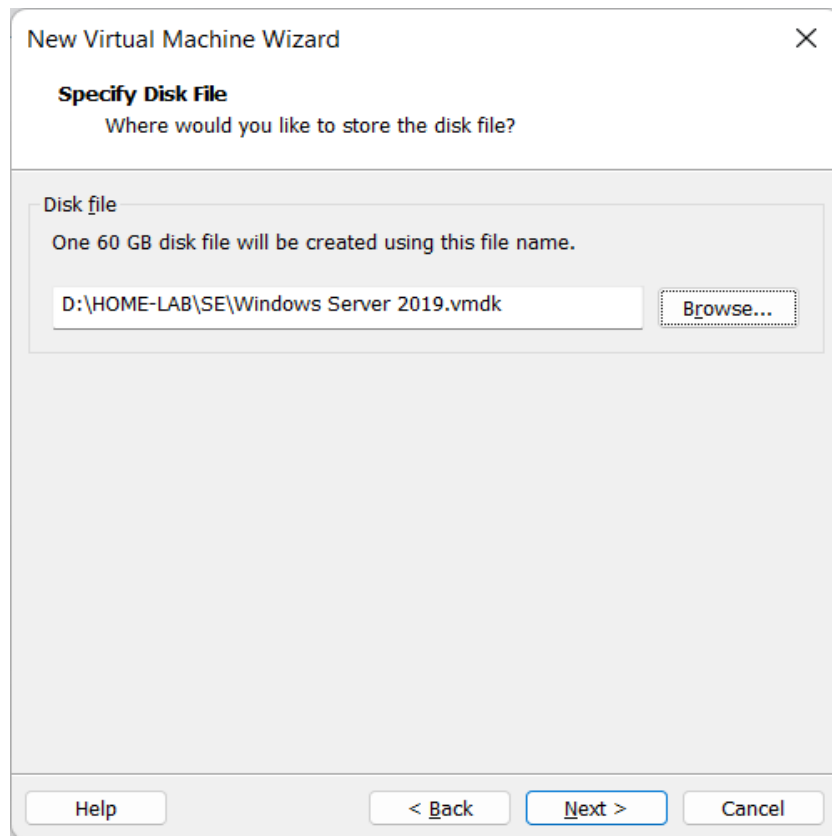
Recommended size for Windows Server 2019: 60 GB

☐ 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.

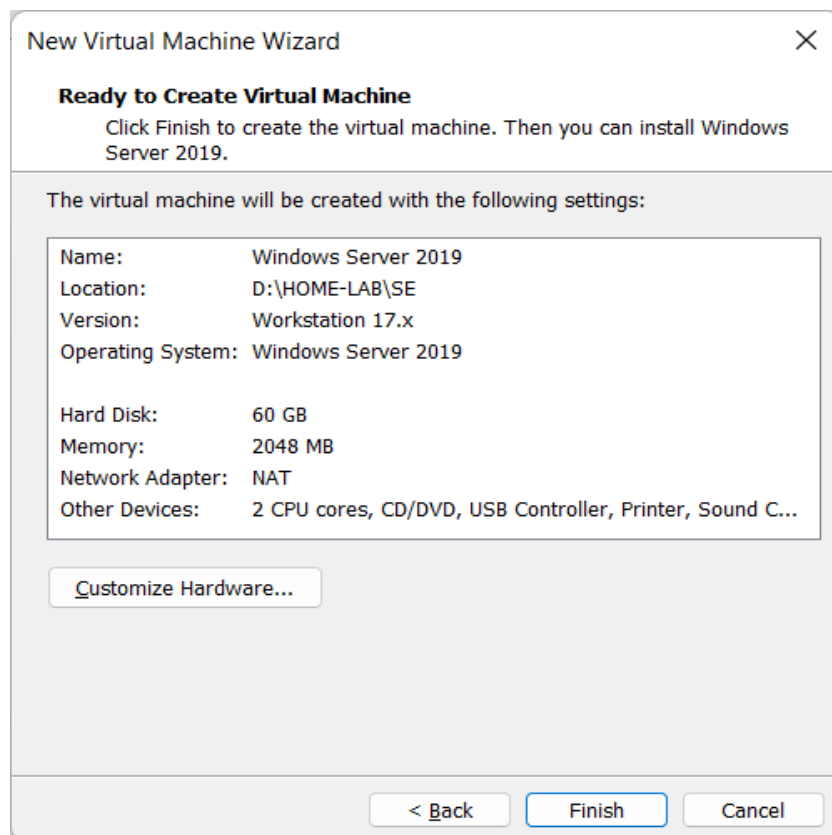
☒ **Store virtual disk as a single file**
Splitting the disk makes it easier to move the virtual machine to another computer but may reduce performance with very large disks.

Help < Back Next > Cancel

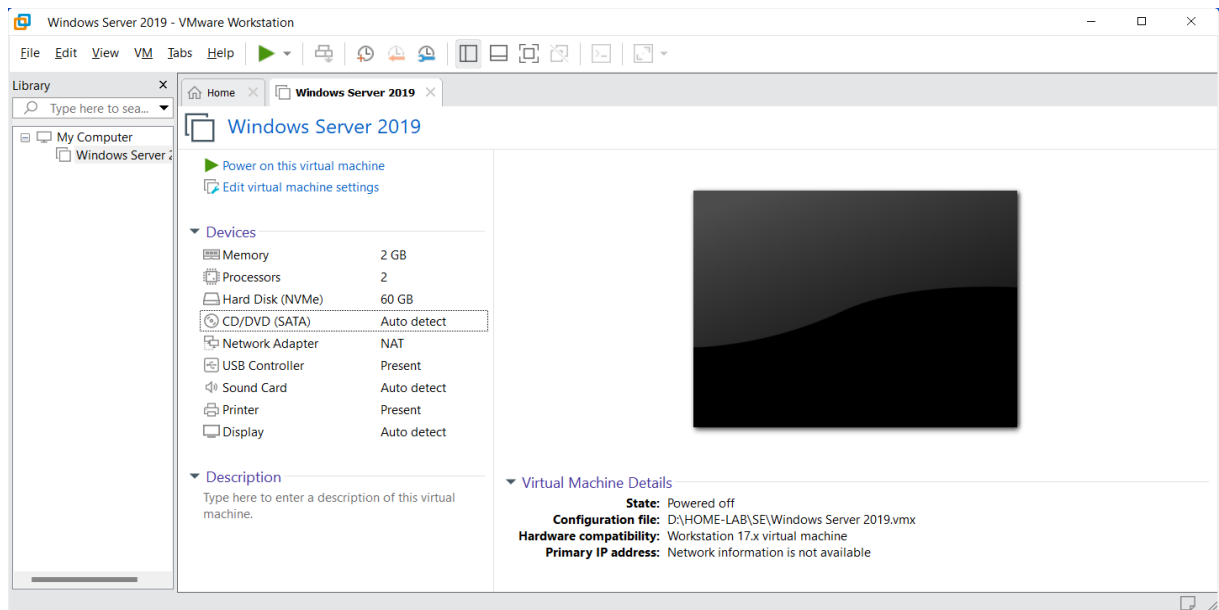
- Click Next



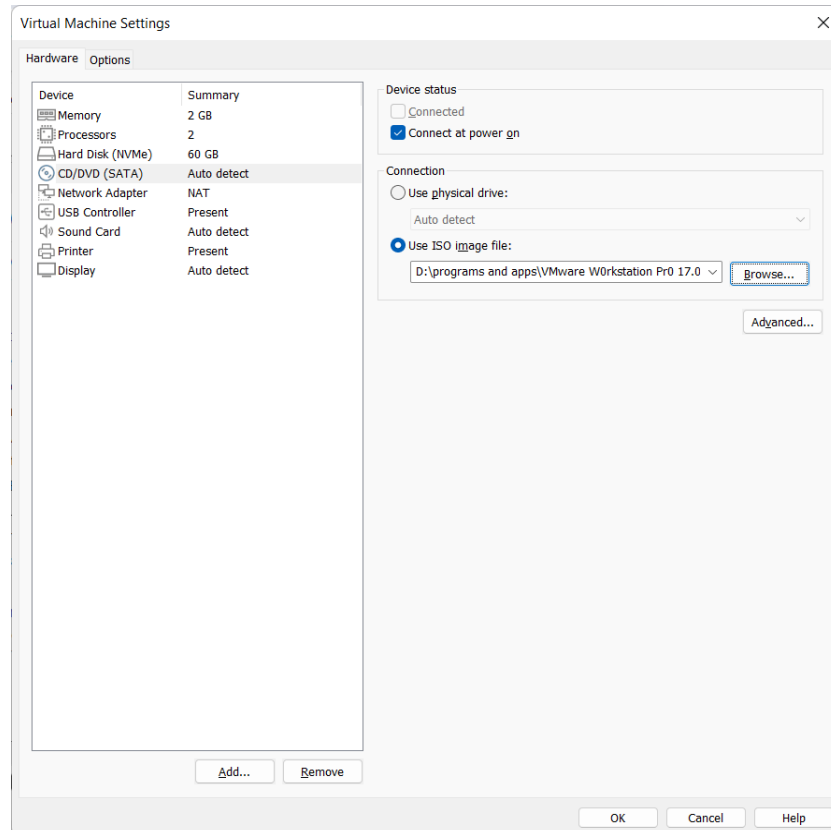
- Click Next



- Click Finish

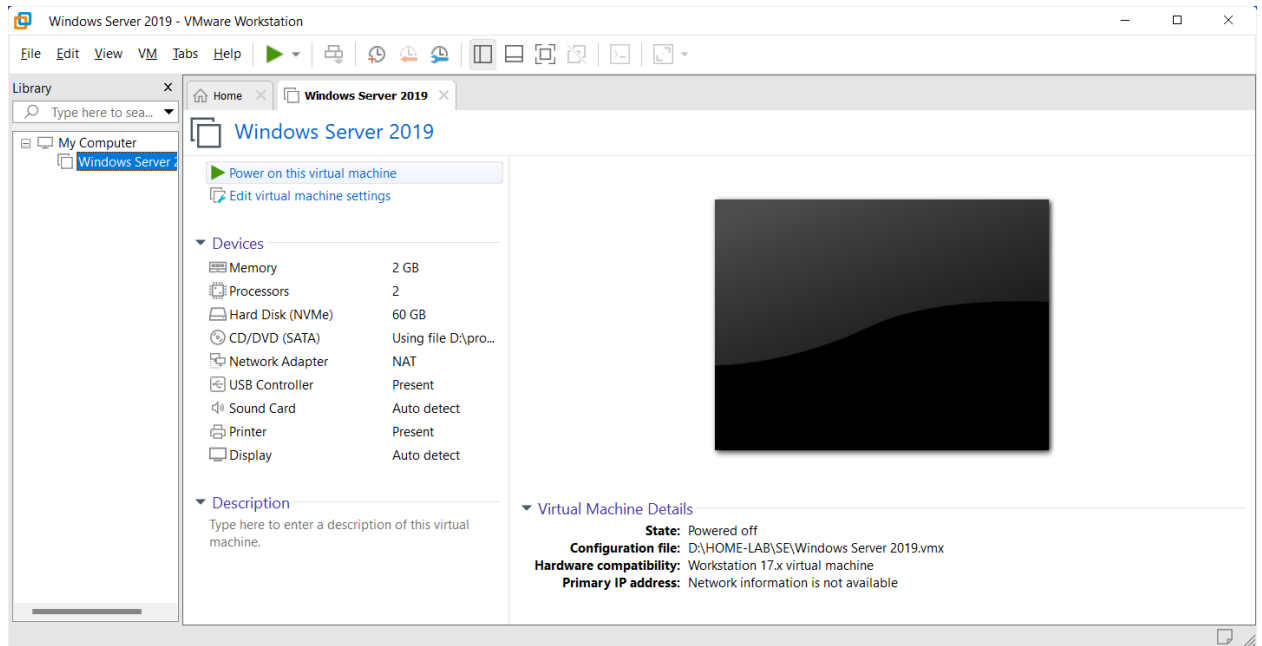


- Click CD/DVD (SATA) >> Trong Use ISO image file, Browse đến file iso

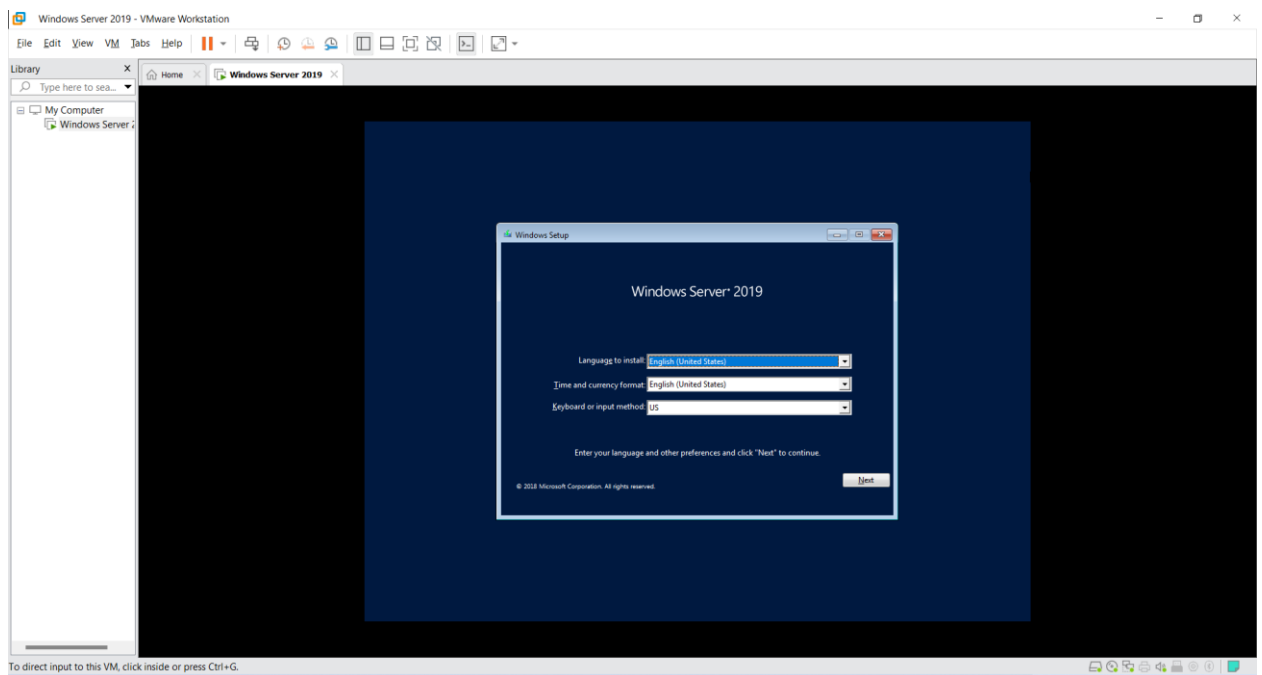


- Click OK.

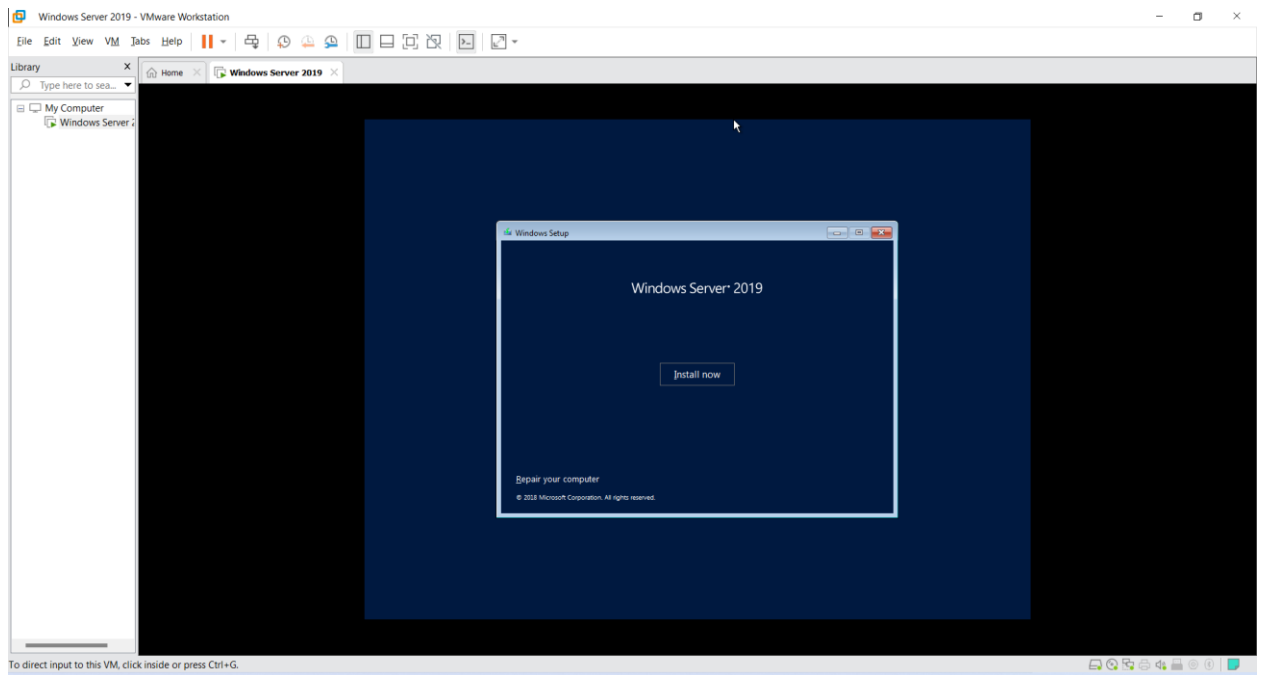
CÀI ĐẶT WINDOWS SERVER 2019



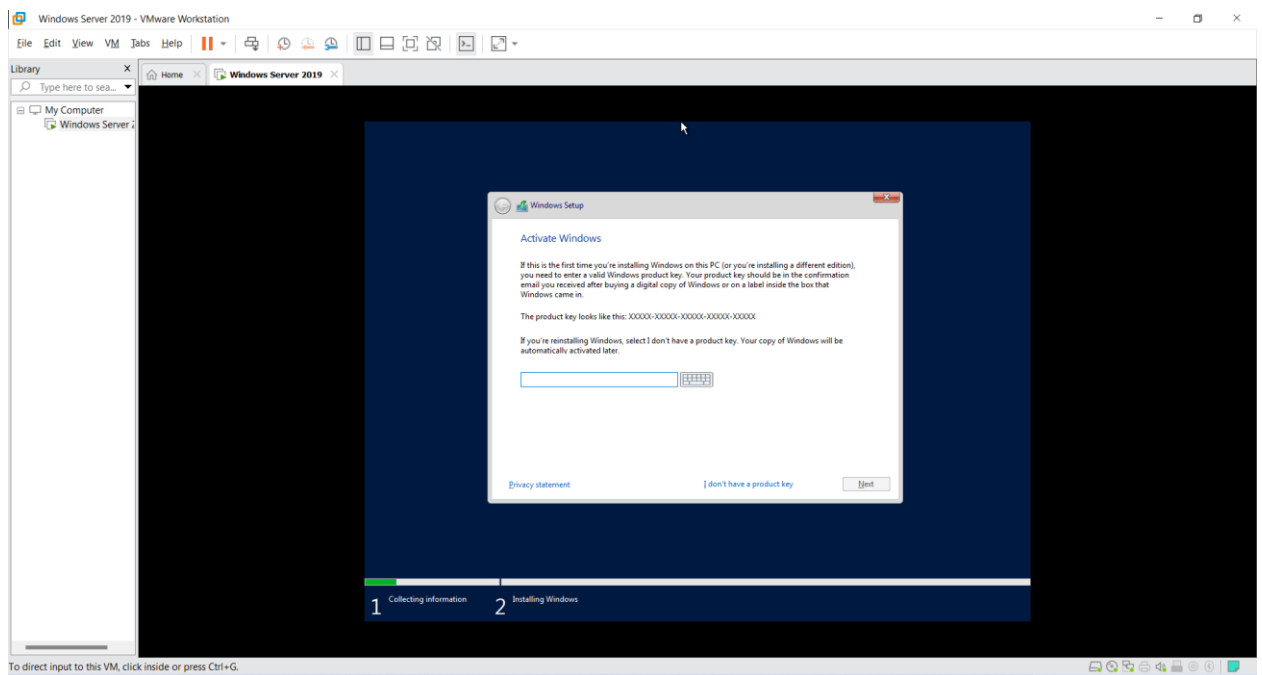
- Click Power on this virtual machine



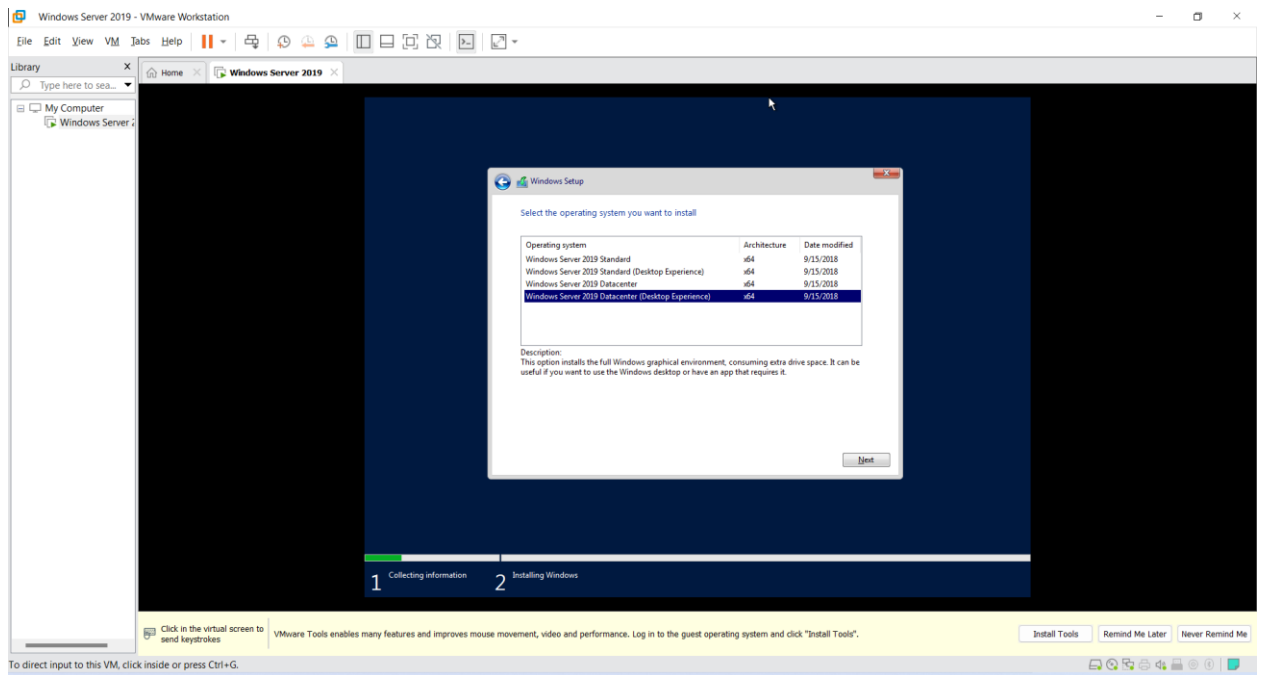
- Click Next



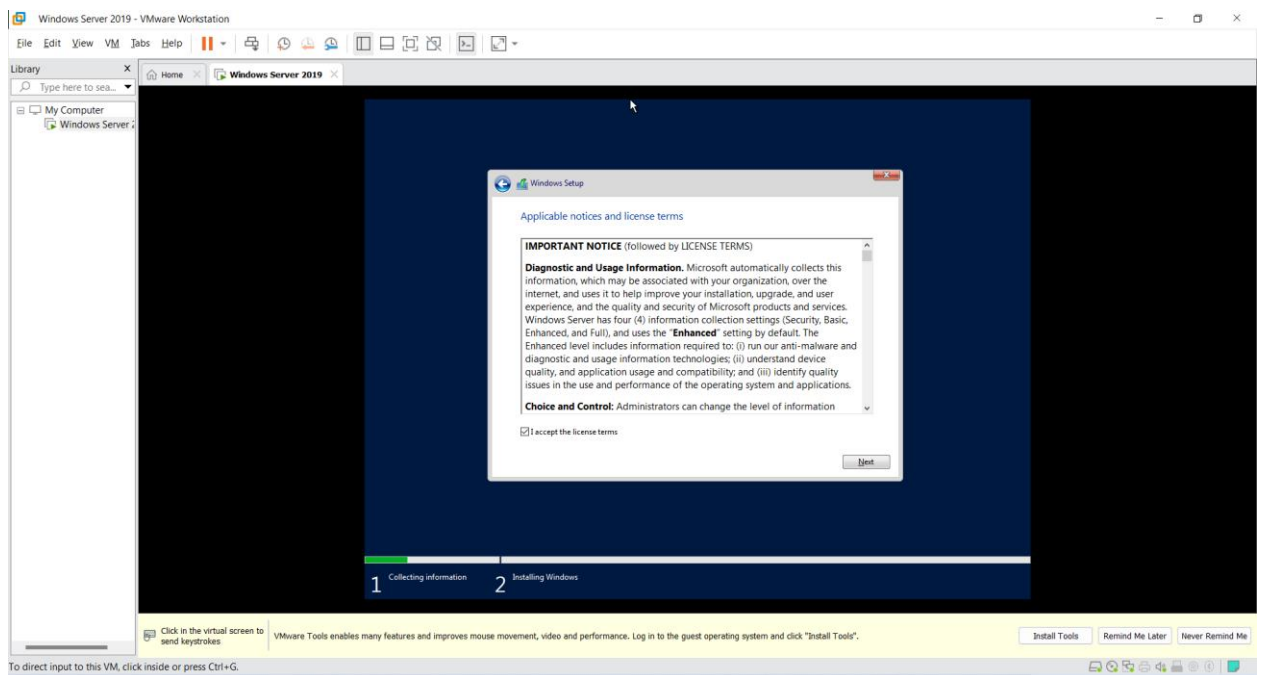
- Click Install now



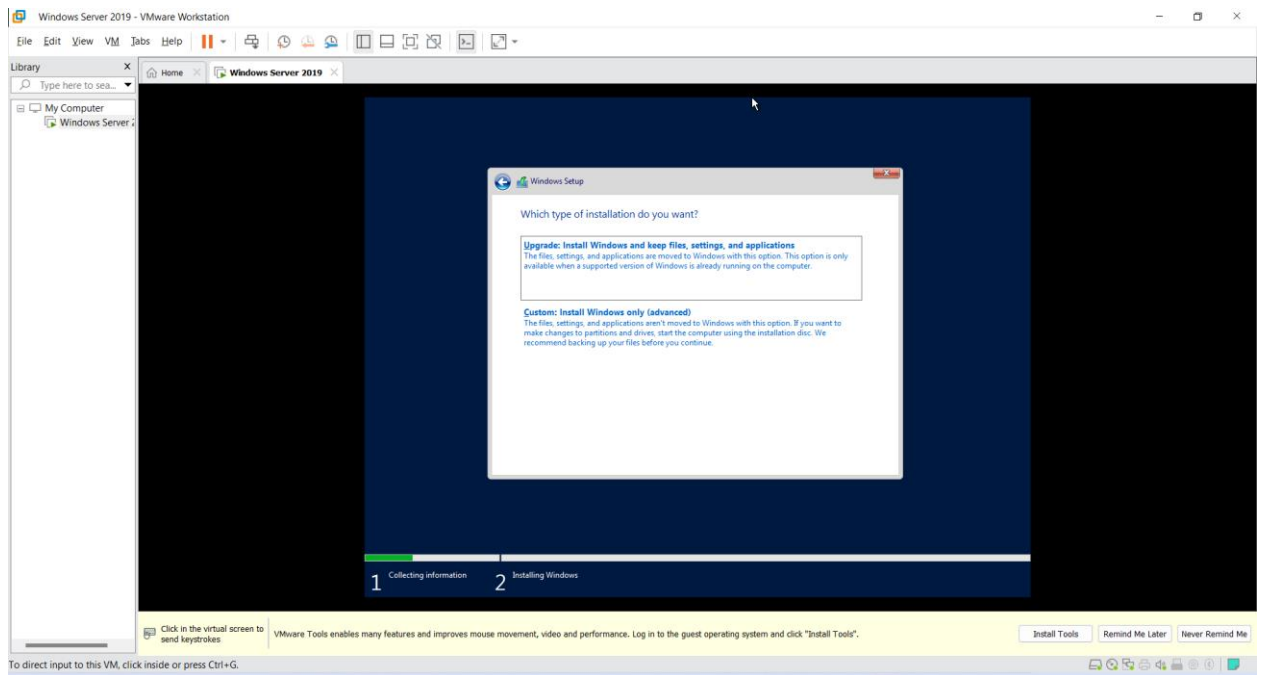
- Click I don't have a product key



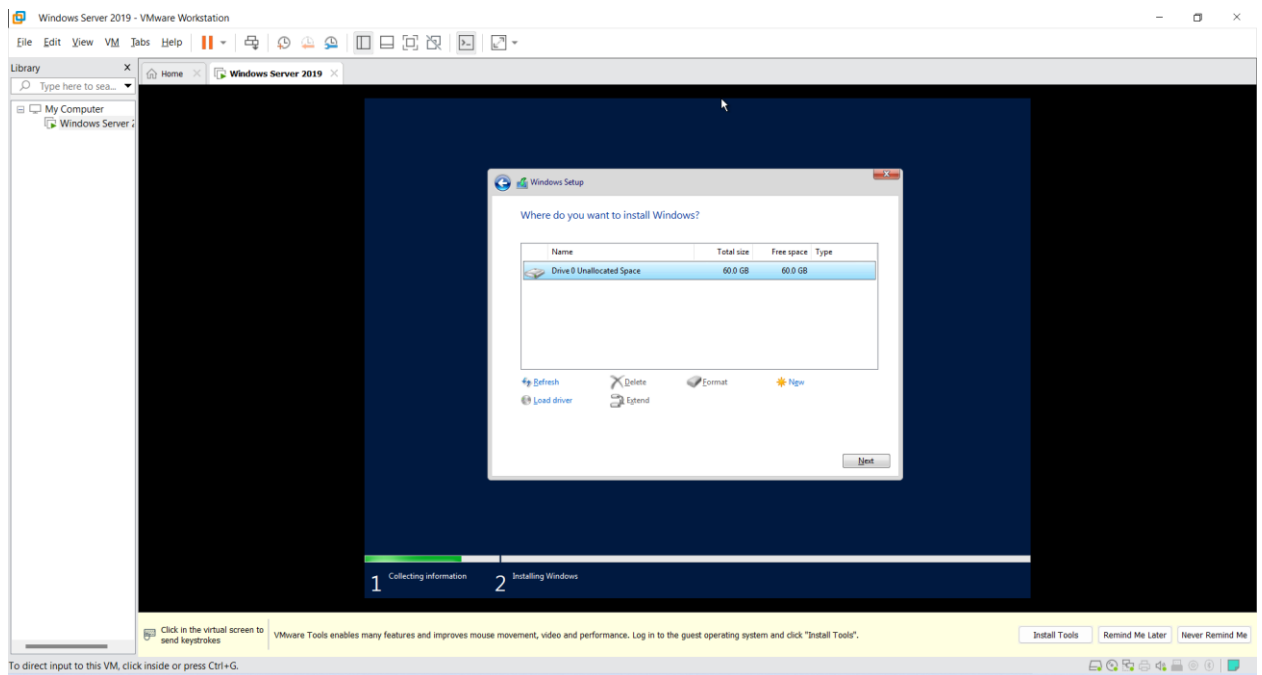
- Chọn bản Windows Server 2019 Datacenter (Desktop Experience) >> Click Next



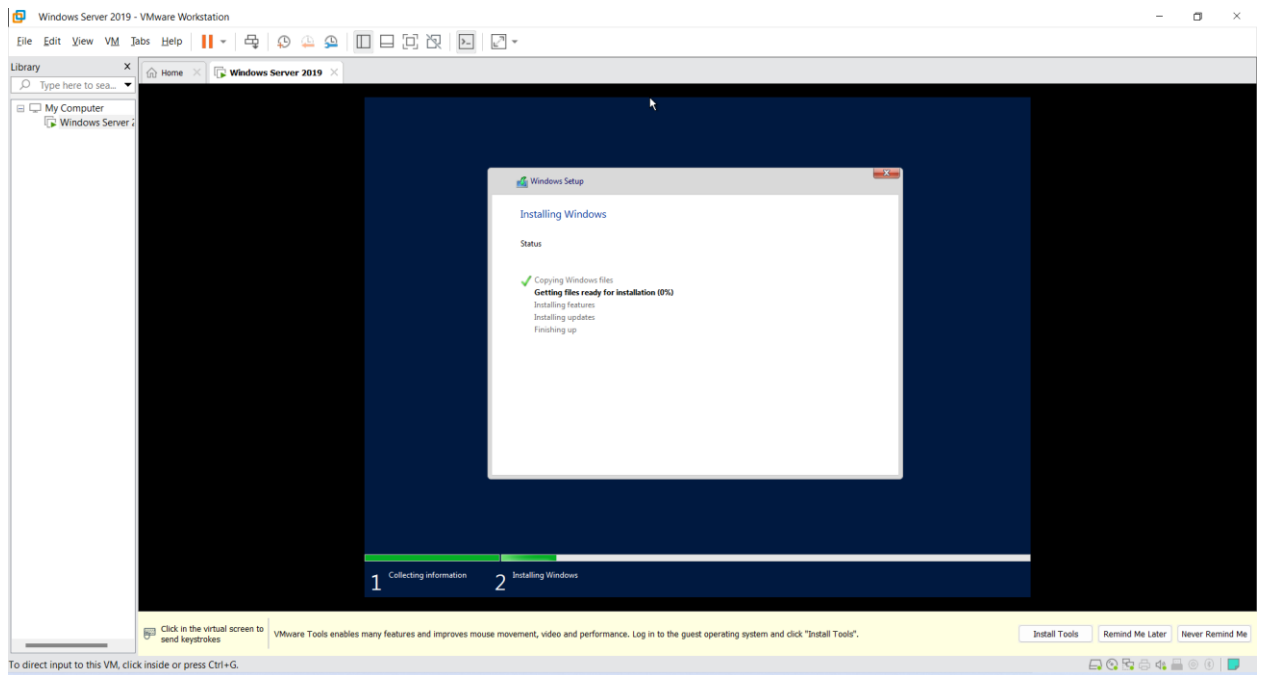
- Chọn I accept the license terms >> Click Next



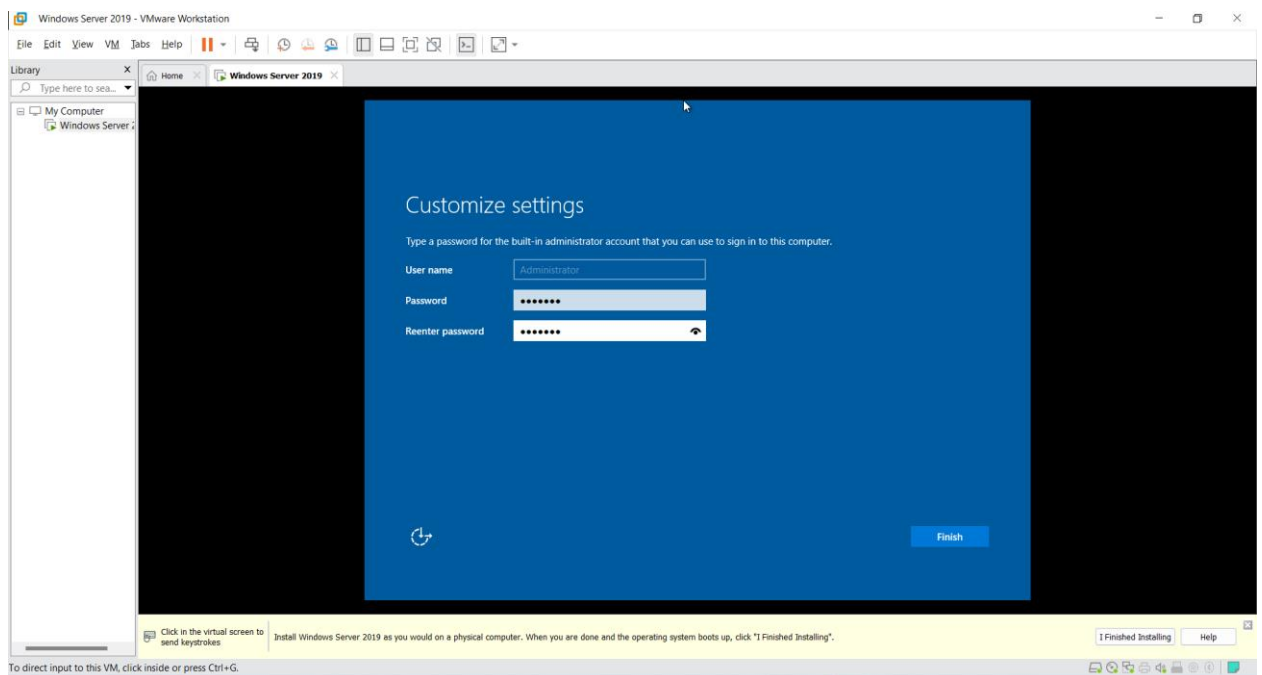
- Chọn Custom: Install Windows only (advanced)



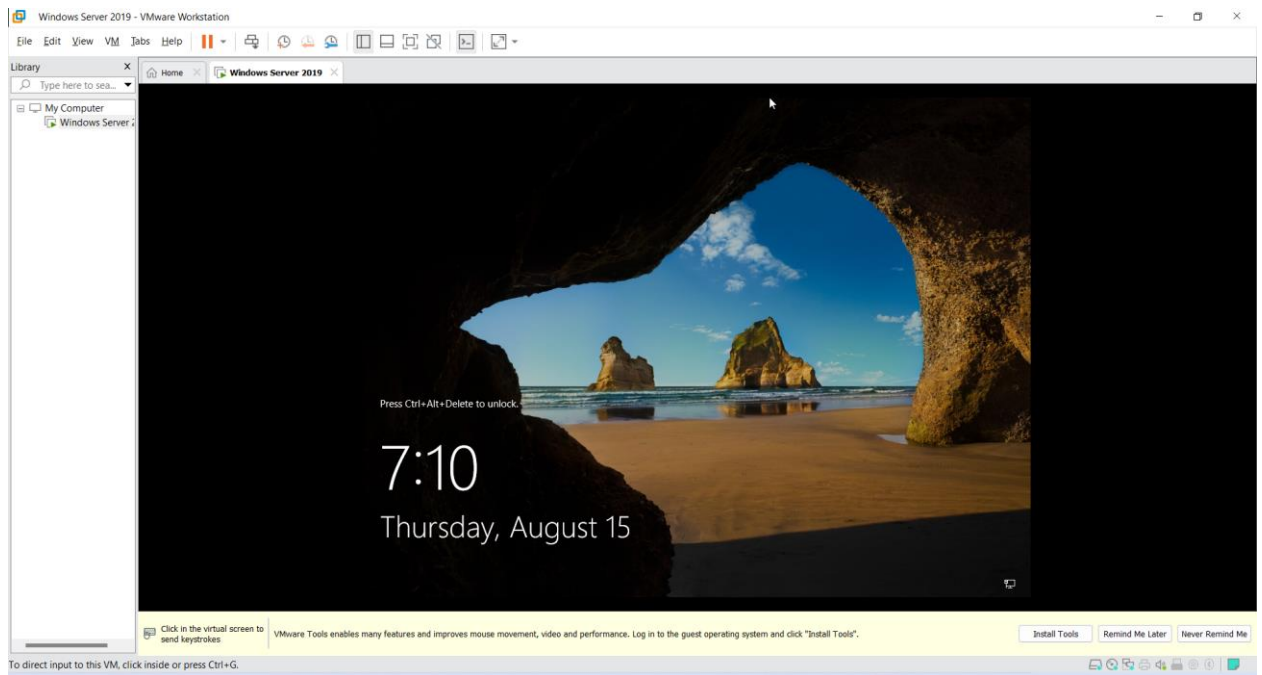
- Click Next



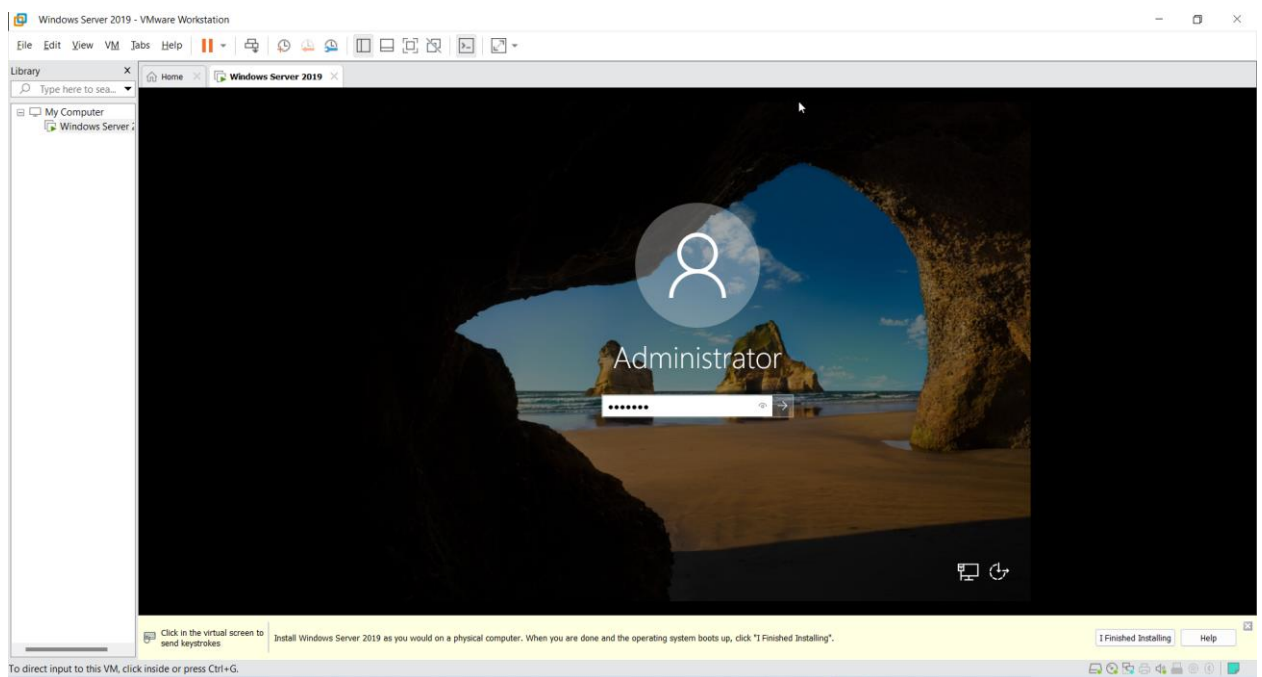
- Restart tự động



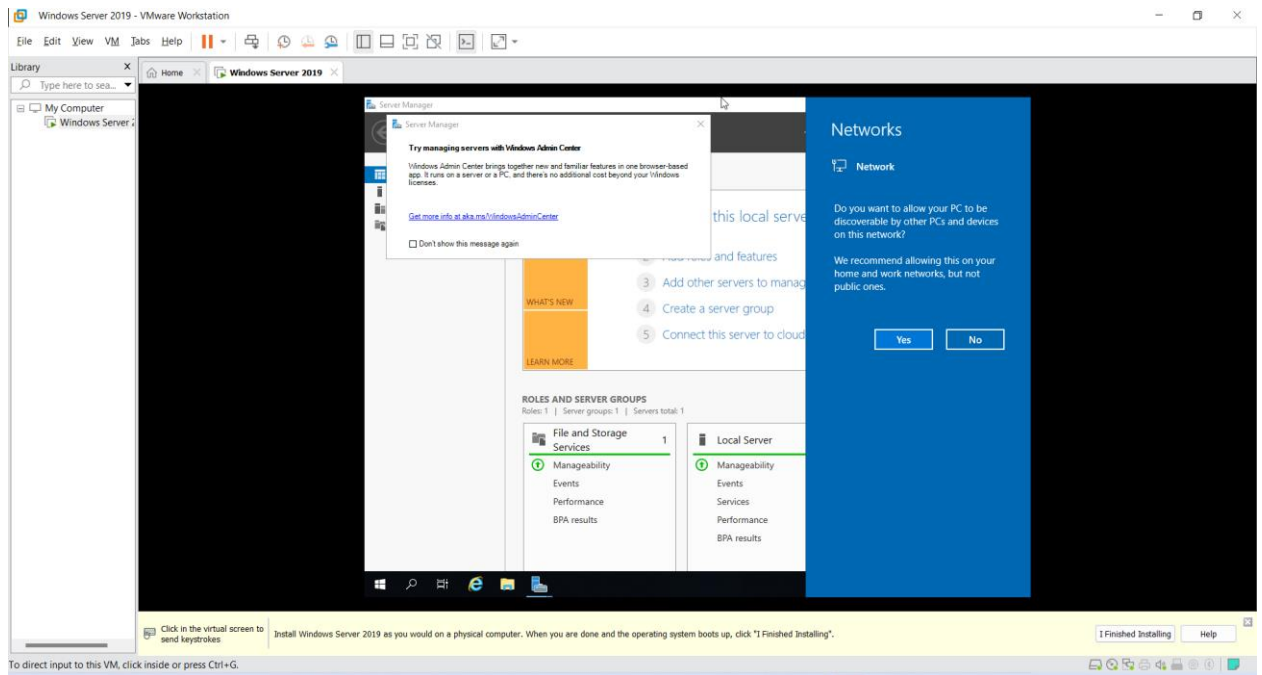
- Nhập mật khẩu tương ứng với tài khoản Administrator >> Click Finish



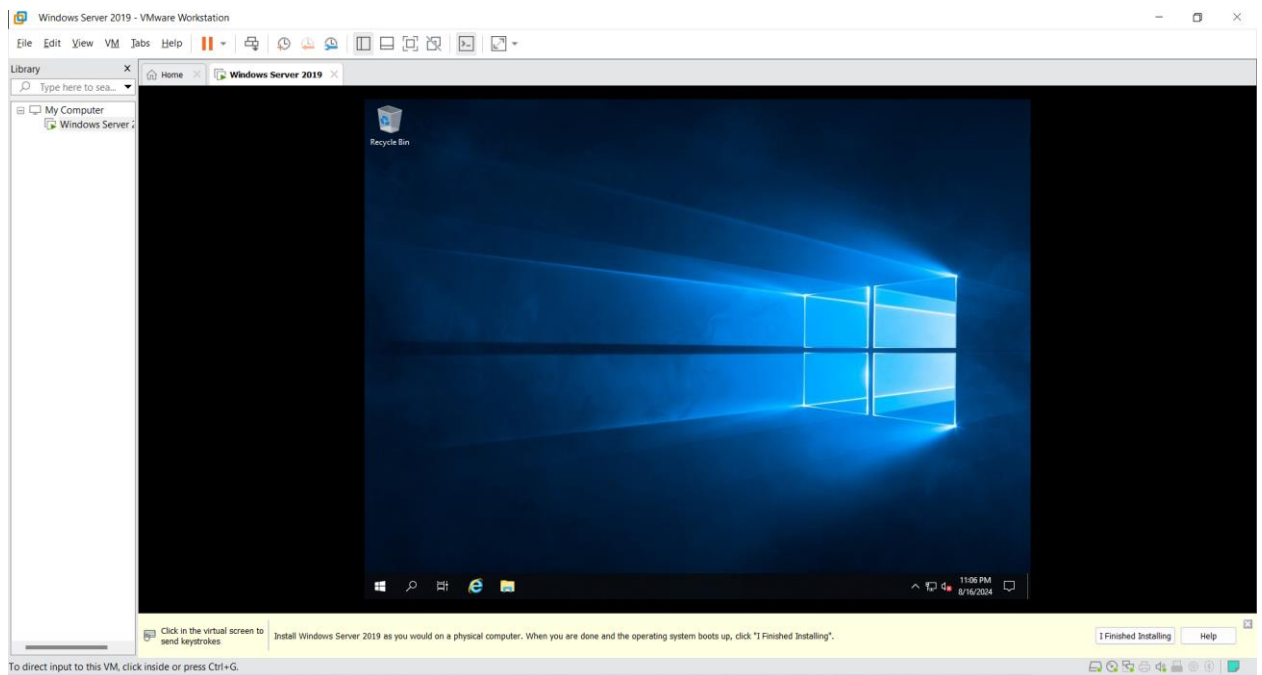
- Ấn tổ hợp phím Ctrl+Alt+Insert



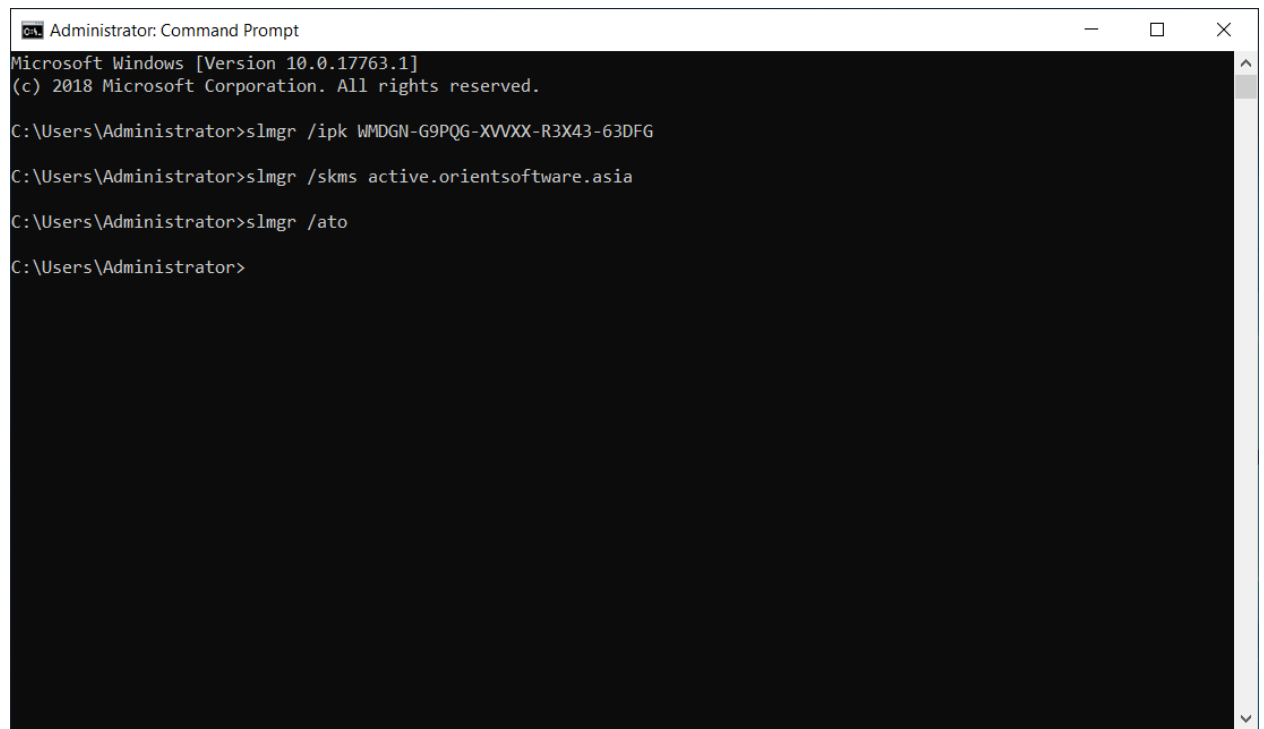
- Nhập mật khẩu để đăng nhập Windows



- Trong khung Networks, click Yes



- Vào menu VM >> Install VMware Tools... để cài VMware Tools
- Restart
- Vào Command Prompt, nhập lệnh để active Windows.



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.17763.1]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\Administrator>slmgr /ipk WMDGN-G9PQG-XVXXX-R3X43-63DFG
C:\Users\Administrator>slmgr /skms active.orientsoftware.asia
C:\Users\Administrator>slmgr /ato
C:\Users\Administrator>
```