

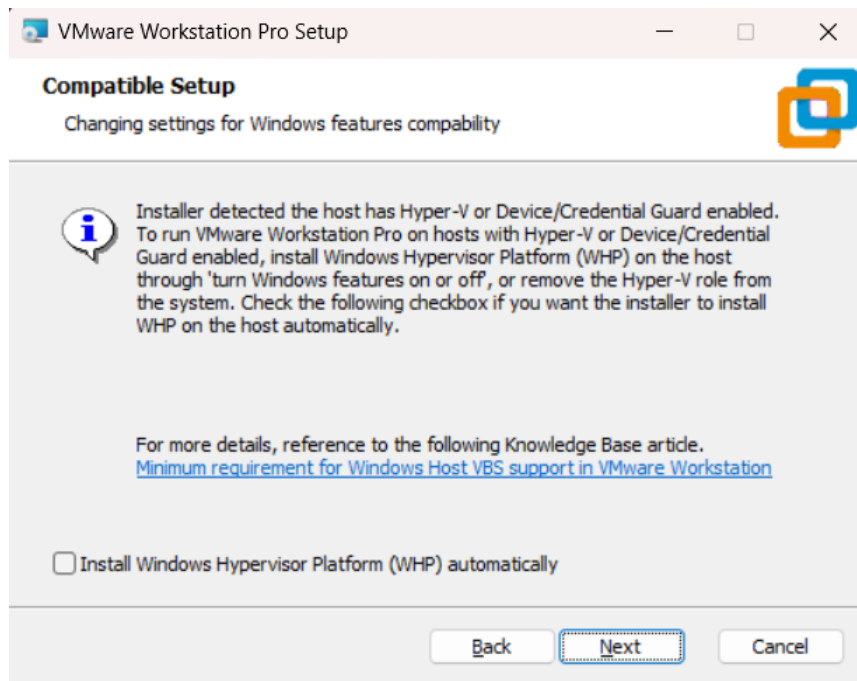
Virtual Machine Set-Up Intro

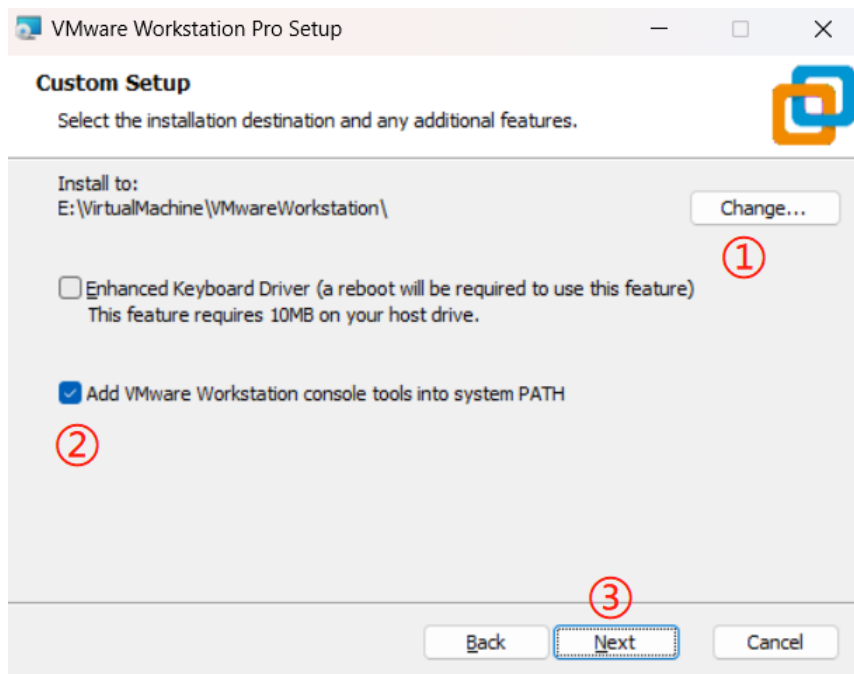
Viesuki

1. Download the installation packages

- [VMware Workstation 17 Pro](#)
 - *VMware-workstation-full-17.0.0-20800274.exe*
- [Ubuntu Desktop 22.04](#)
 - *ubuntu-22.04.1-desktop-amd64.iso*

2. Install VMware on windows

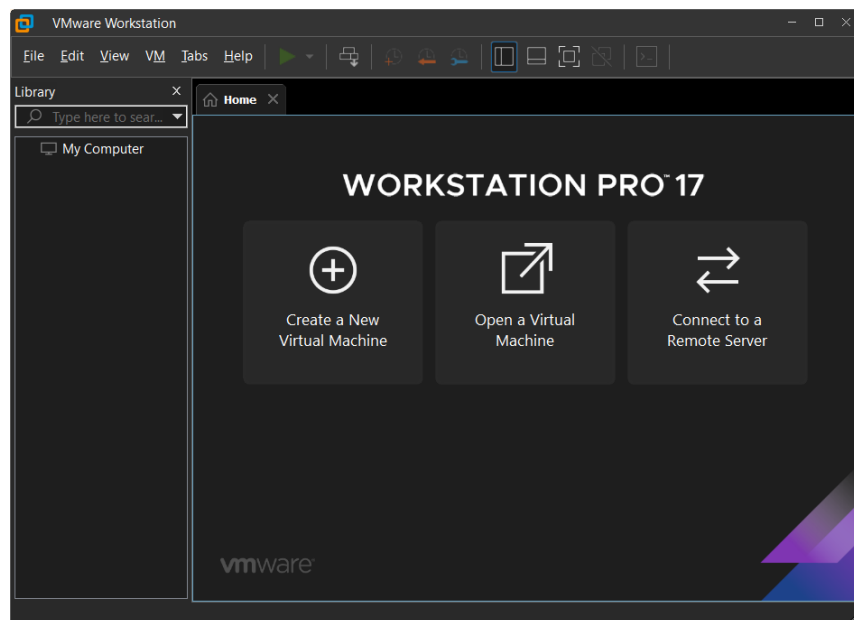




License Keys

- *MC60H-DWHD5-H80U9-6V85M-8280D* (Available)
- *JU090-6039P-08409-8J0QH-2YR7F* (Maybe)
- *4Y09U-AJK97-089Z0-A3054-83KLA* (Maybe)

Restart



3. Install Ubuntu and create Linux VM

vmware
WORKSTATION
PRO™

17

Welcome to the New Virtual Machine Wizard

What type of configuration do you want?

☐ Typical (recommended)

Create a Workstation 17.x virtual machine in a few easy steps.

☒ Custom (advanced)

Create a virtual machine with advanced options, such as a SCSI controller type, virtual disk type and compatibility with older VMware products.

Help

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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

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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.

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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

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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.

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New Virtual Machine Wizard

Specify Disk Capacity

How large do you want this disk to be?

Maximum disk size (GB):

Recommended size for Ubuntu: 20 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

☐ 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.

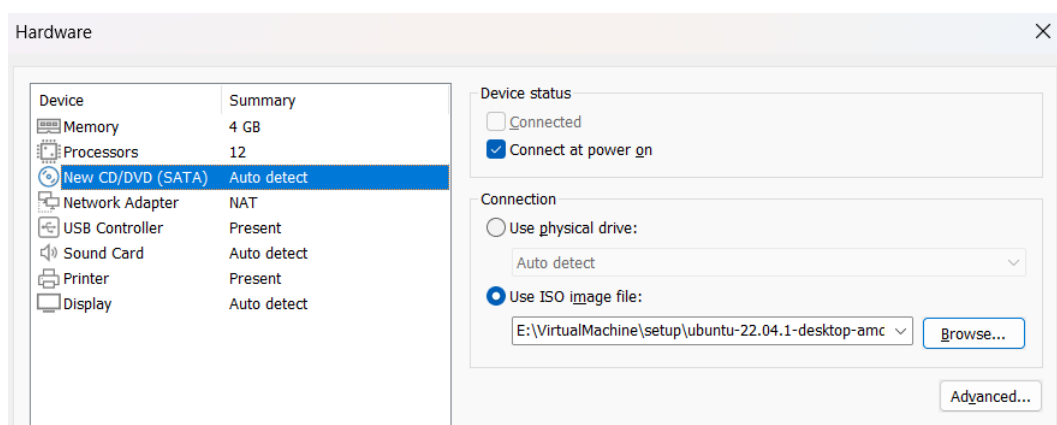
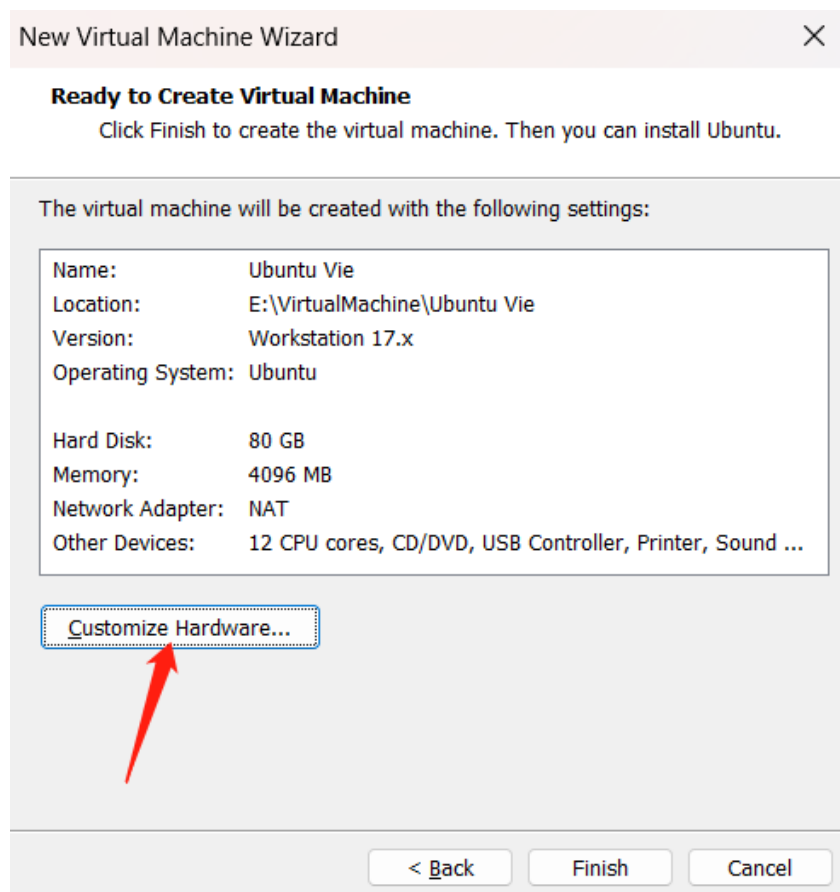
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根据电脑磁盘大小分配合适内存，建议适当大一点 $\geq 40G$ 。

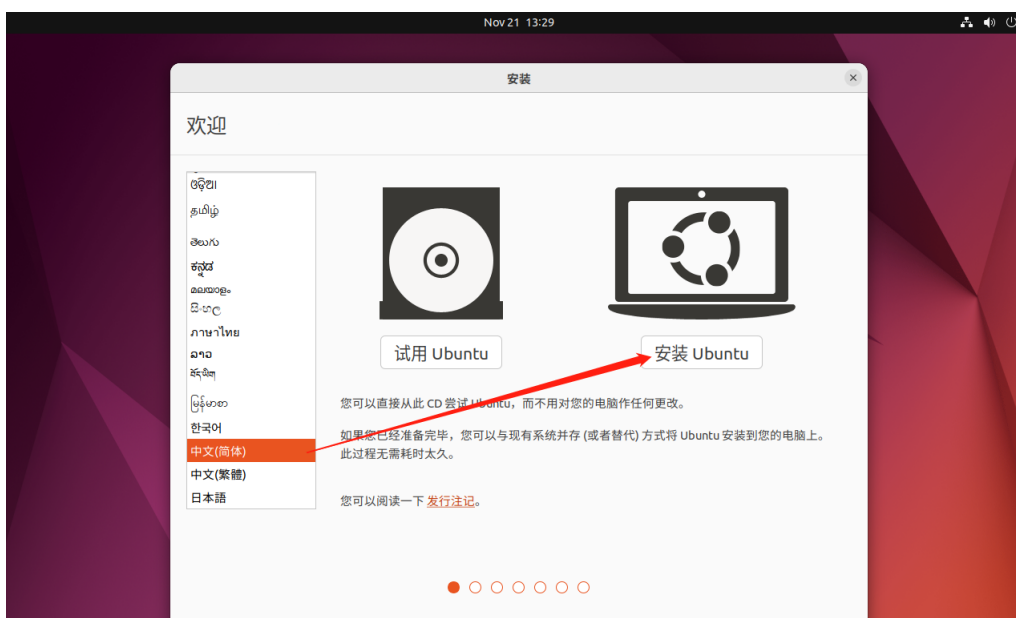
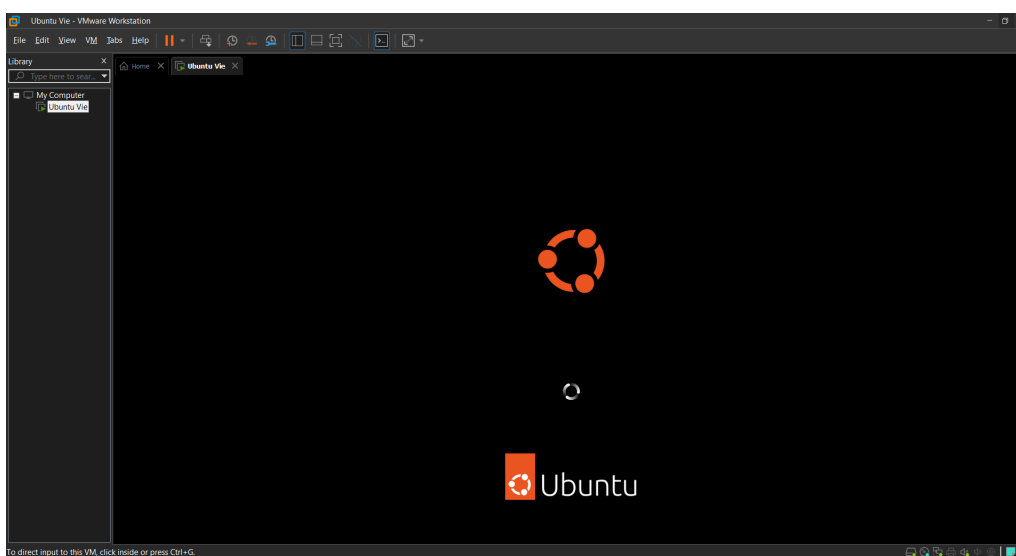
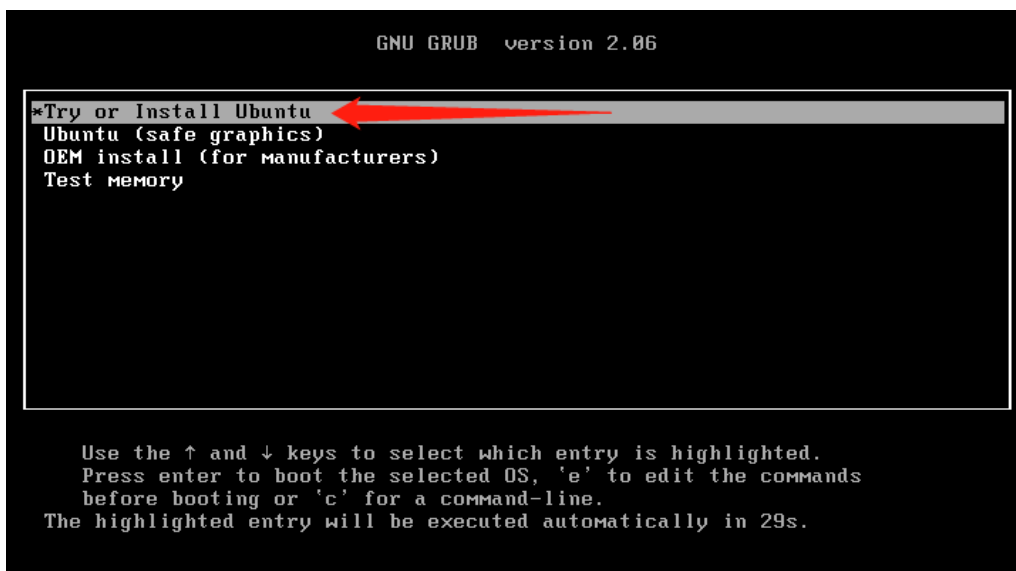


选择步骤1下载的Ubuntu操作系统ISO文件，然后关闭点击 finish

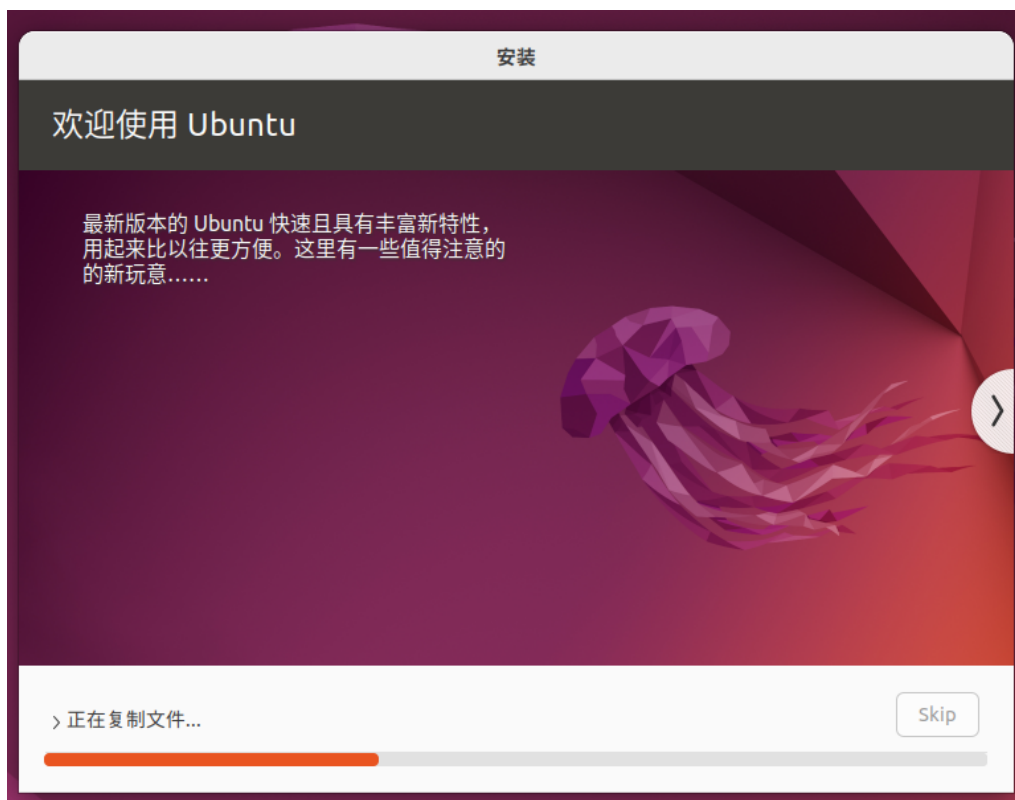
4. Start Ubuntu VM

- 创建Ubuntu虚拟机成功后启动，**会黑屏一段时间，耐心等待。**

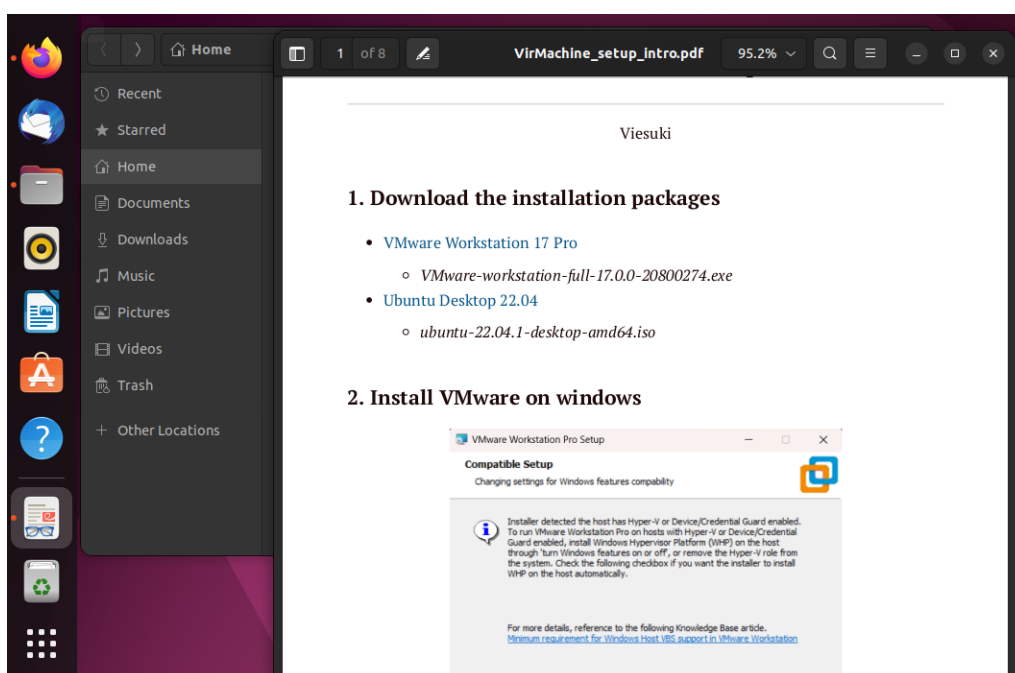
在此过程中如果出现各种报错，可以尝试关闭VM workstation重启虚拟机系统，如果还不能解决，建议删除第三步生成的虚拟机，重新生成。



- 剩余步骤默认，最后设置用户名和密码，确认后将自动安装系统。

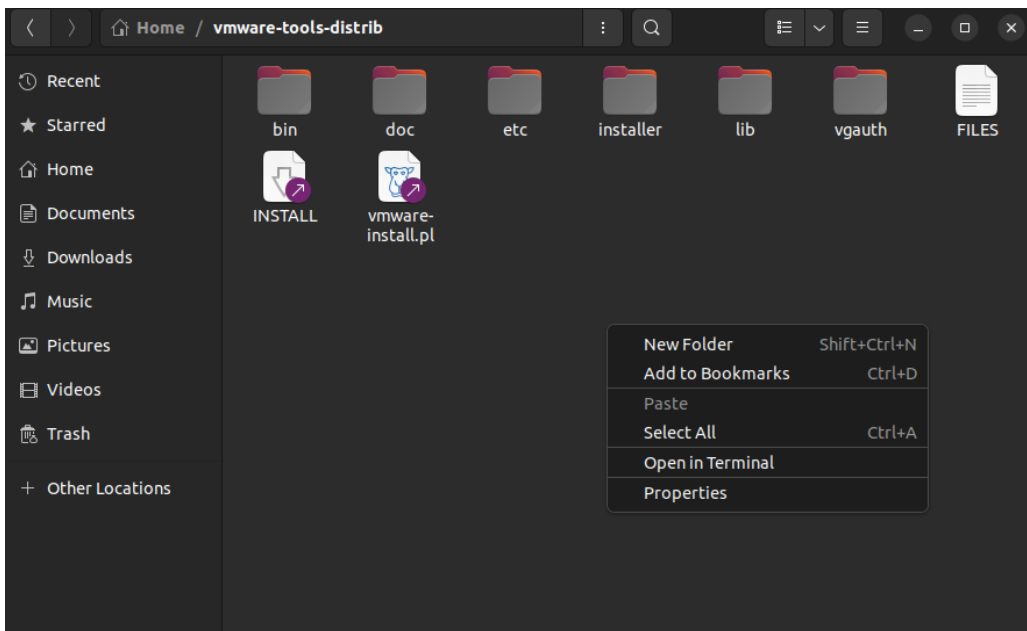


- ！ 最后就成功了！



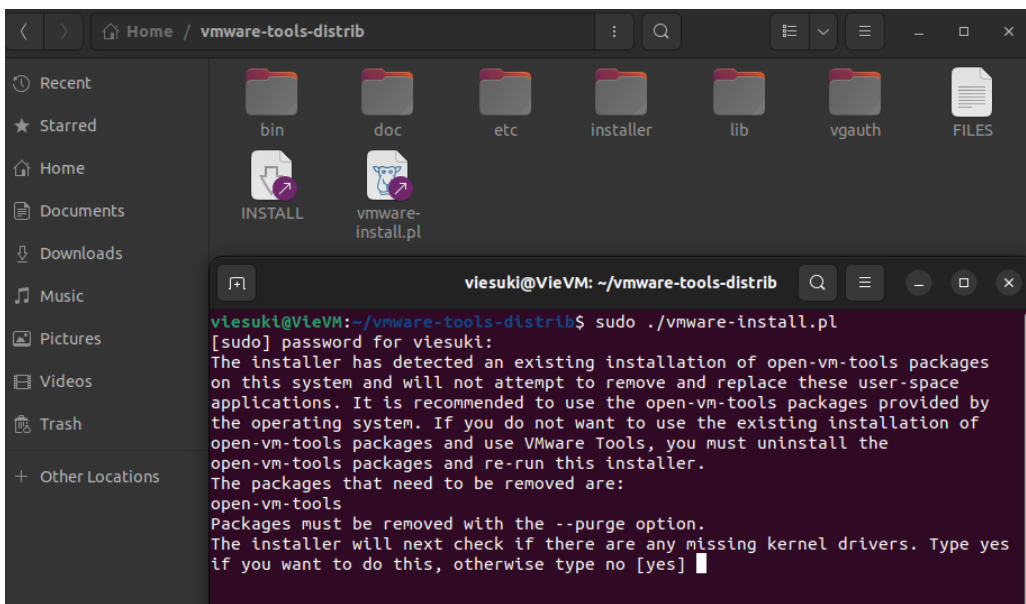
5. Install VMware tools

实现主客机之间的复制粘贴功能



Open in Terminal

```
sudo ./vmware-install.pl
```



详情可参阅：[Vmware虚拟机和主机之间复制粘贴](#)

- 安装完成后可以实现文件拖拽和ctrl+c、v，复制到Terminal中使用快捷键
ctrl+shift+v

FINAL