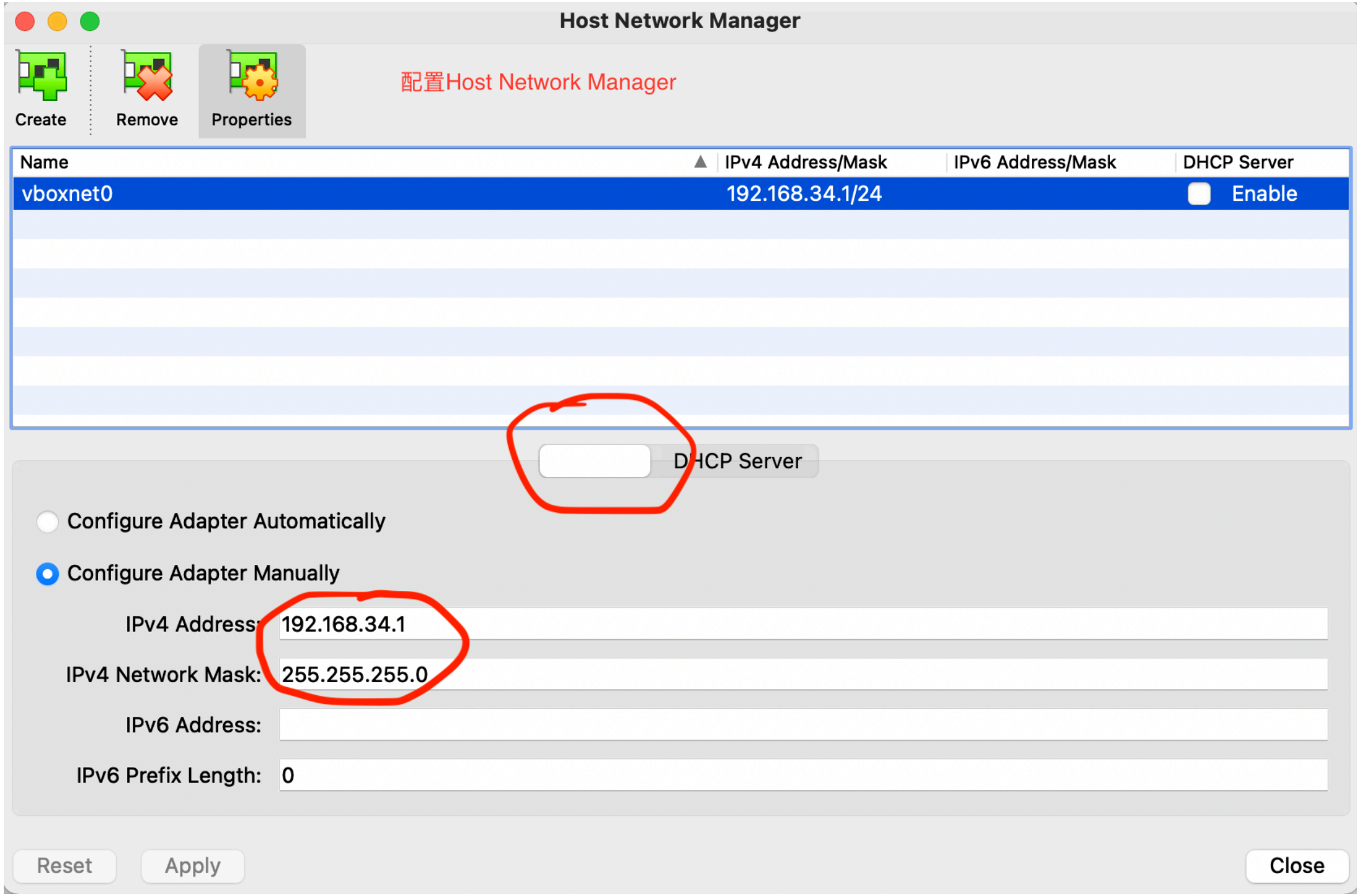
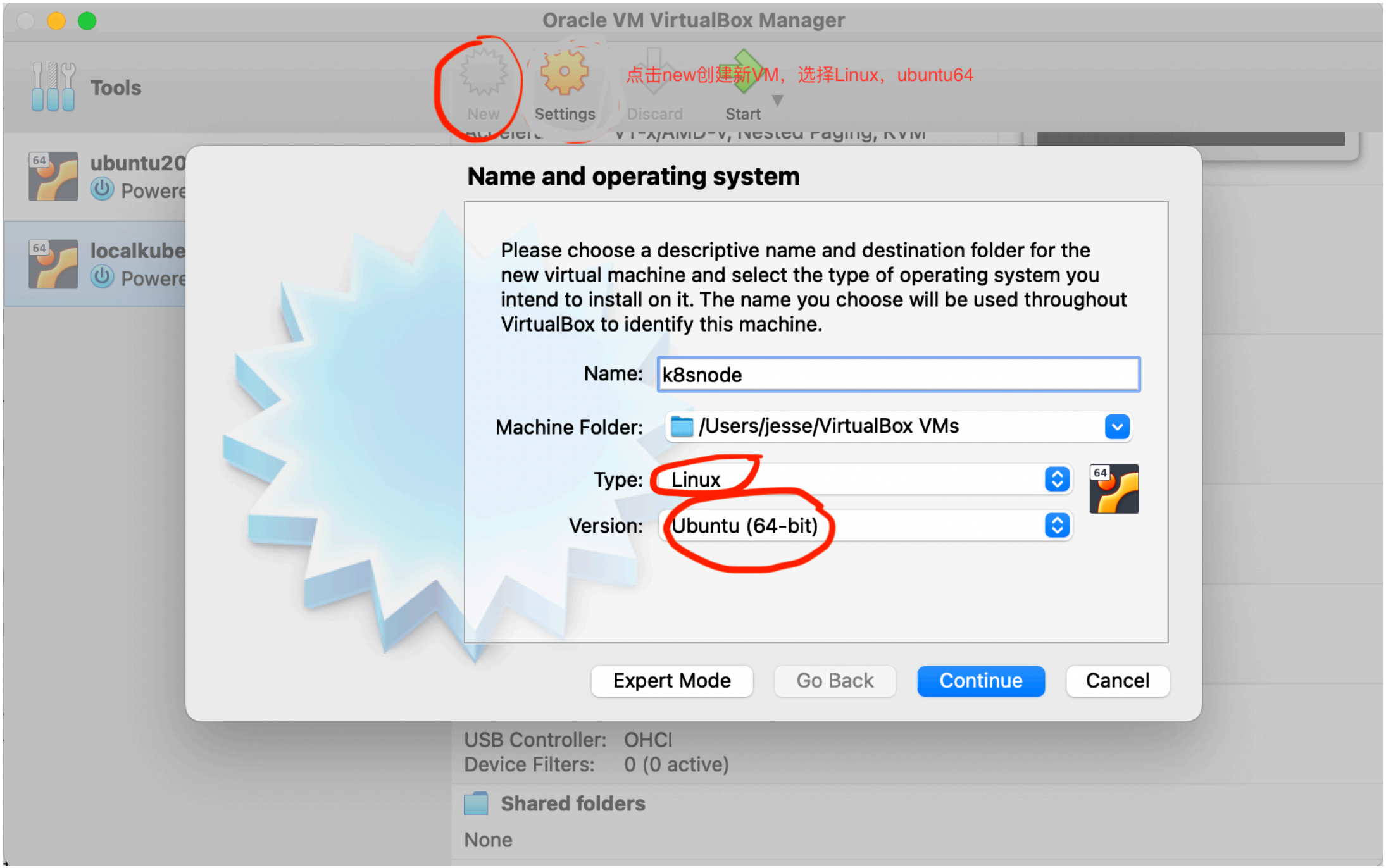
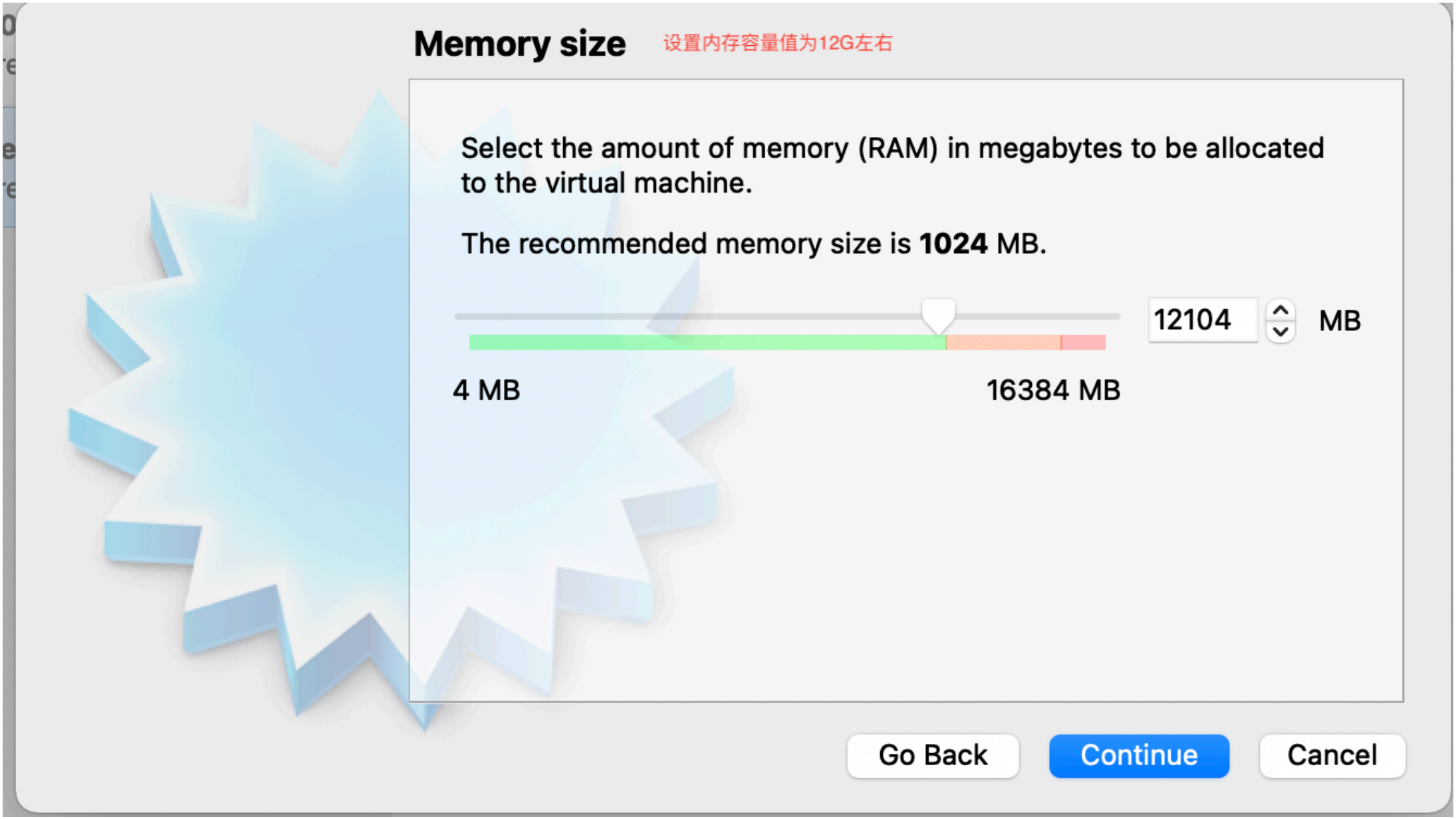
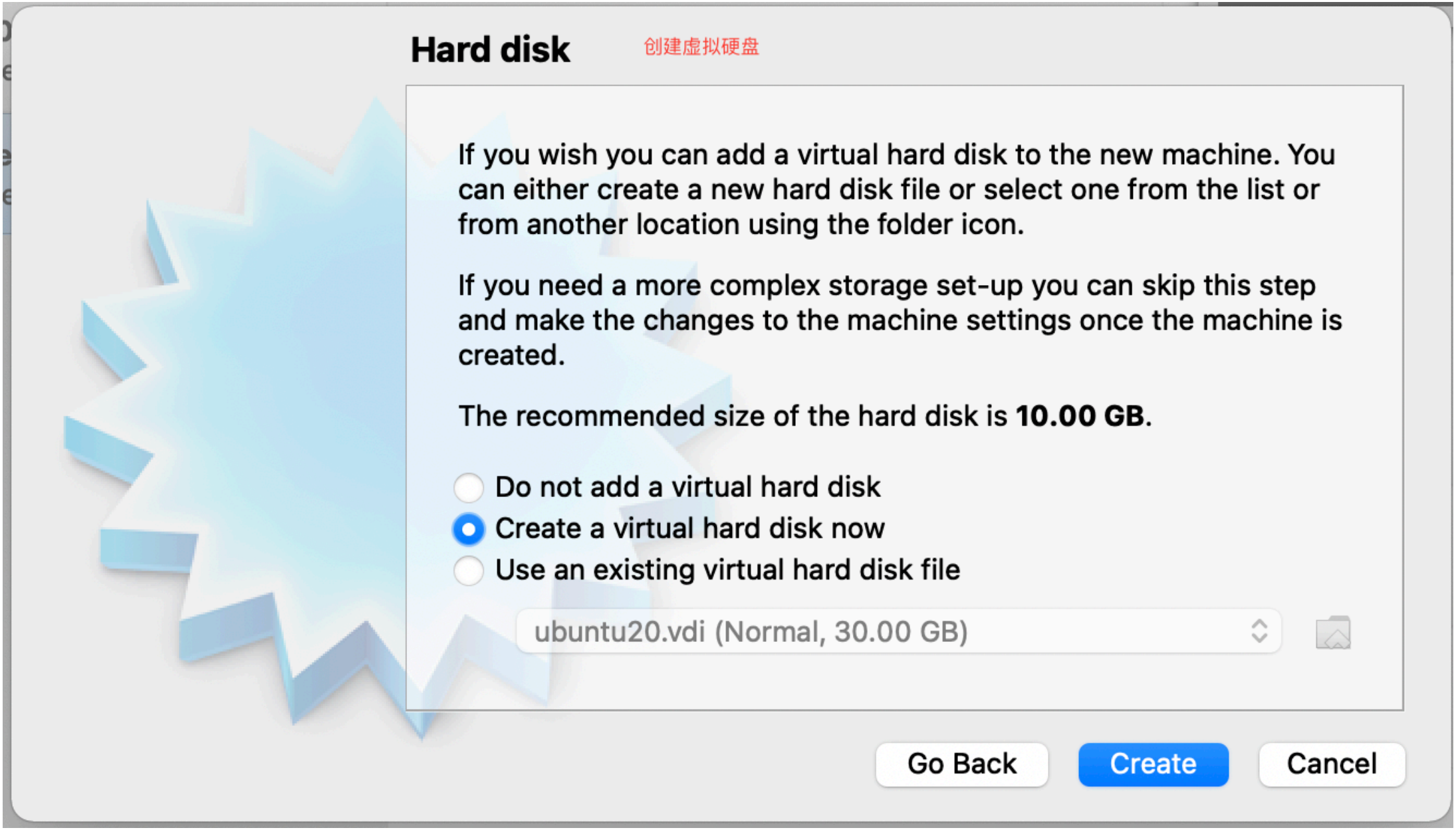

Host Network Manager
Create
Remove
Properties
配置Host Network Manager
Name
IPv4 Address/Mask
IPv6 Address/Mask
DHCP Server
vboxnet0
192.168.34.1/24
Enable
DHCP Server
Configure Adapter Automatically
Configure Adapter Manually
IPv4 Address:
192.168.34.1
IPv4 Network Mask:
255.255.255.0
IPv6 Address:
IPv6 Prefix Length:
0
Reset
Apply
Close


Oracle VM VirtualBox Manager
Tools
New
Settings
Discard
Start
点击new创建新VM，选择Linux，ubuntu64
ubuntu20
Powere
localkube
Powere
Name and operating system
Please choose a descriptive name and destination folder for the new virtual machine and select the type of operating system you intend to install on it. The name you choose will be used throughout VirtualBox to identify this machine.
Name: k8snode
Machine Folder: /Users/jesse/VirtualBox VMs
Type: Linux
Version: Ubuntu (64-bit)
Expert Mode
Go Back
Continue
Cancel
USB Controller: OHCI
Device Filters: 0 (0 active)
Shared folders
None


Memory size
设置内存容量值为12G左右
Select the amount of memory (RAM) in megabytes to be allocated to the virtual machine.
The recommended memory size is 1024 MB.
12104
MB
4 MB
16384 MB
Go Back
Continue
Cancel

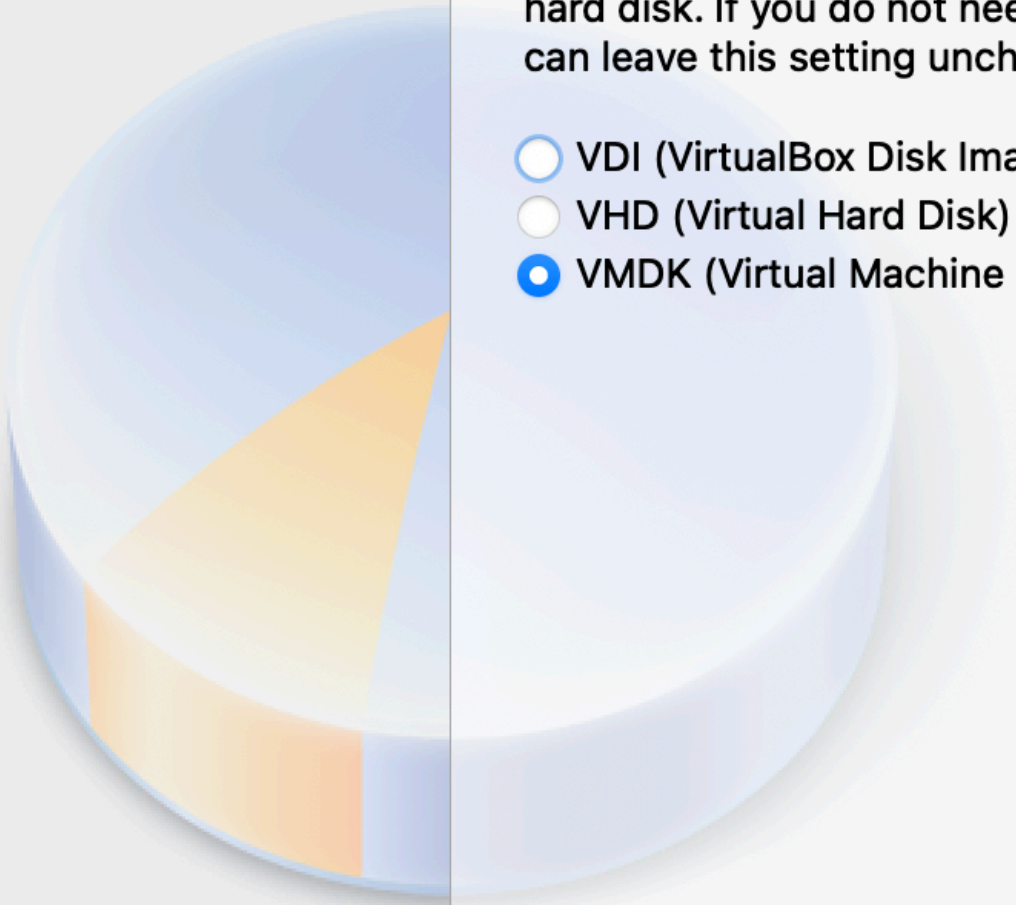

Hard disk
创建虚拟硬盘
If you wish you can add a virtual hard disk to the new machine. You can either create a new hard disk file or select one from the list or from another location using the folder icon.
If you need a more complex storage set-up you can skip this step and make the changes to the machine settings once the machine is created.
The recommended size of the hard disk is 10.00 GB.
Do not add a virtual hard disk
Create a virtual hard disk now
Use an existing virtual hard disk file
ubuntu20.vdi (Normal, 30.00 GB)
Go Back
Create
Cancel

Hard disk file type

选择磁盘类型，可以选择通用类型VMDK

Please choose the type of file that you would like to use for the new virtual hard disk. If you do not need to use it with other virtualization software you can leave this setting unchanged.

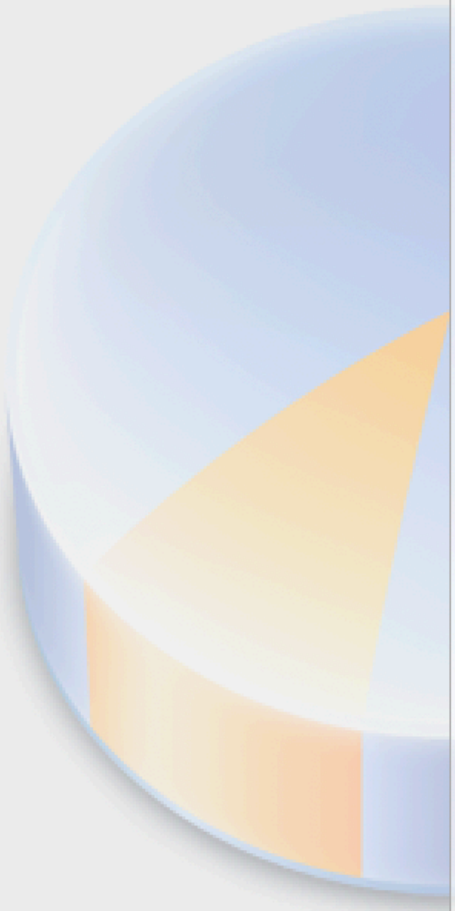
- ○ VDI (VirtualBox Disk Image)
- ○ VHD (Virtual Hard Disk)
- ◉ VMDK (Virtual Machine Disk)



Expert Mode | Go Back | Continue | Cancel

Storage on physical hard disk

选择动态分配硬盘



Please choose whether the new virtual hard disk file should grow as it is used (dynamically allocated) or if it should be created at its maximum size (fixed size).

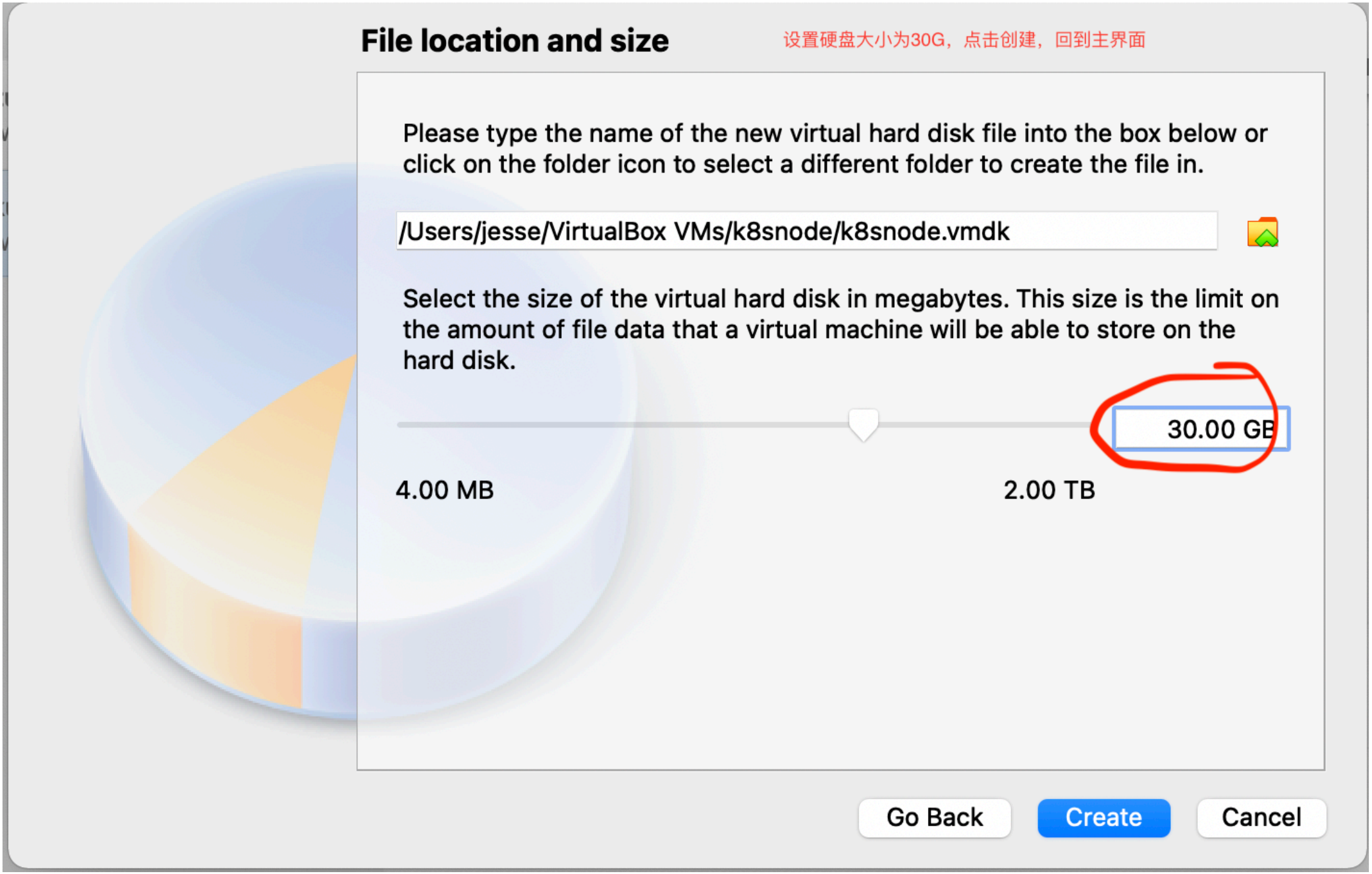
A **dynamically allocated** hard disk file will only use space on your physical hard disk as it fills up (up to a maximum **fixed size**), although it will not shrink again automatically when space on it is freed.

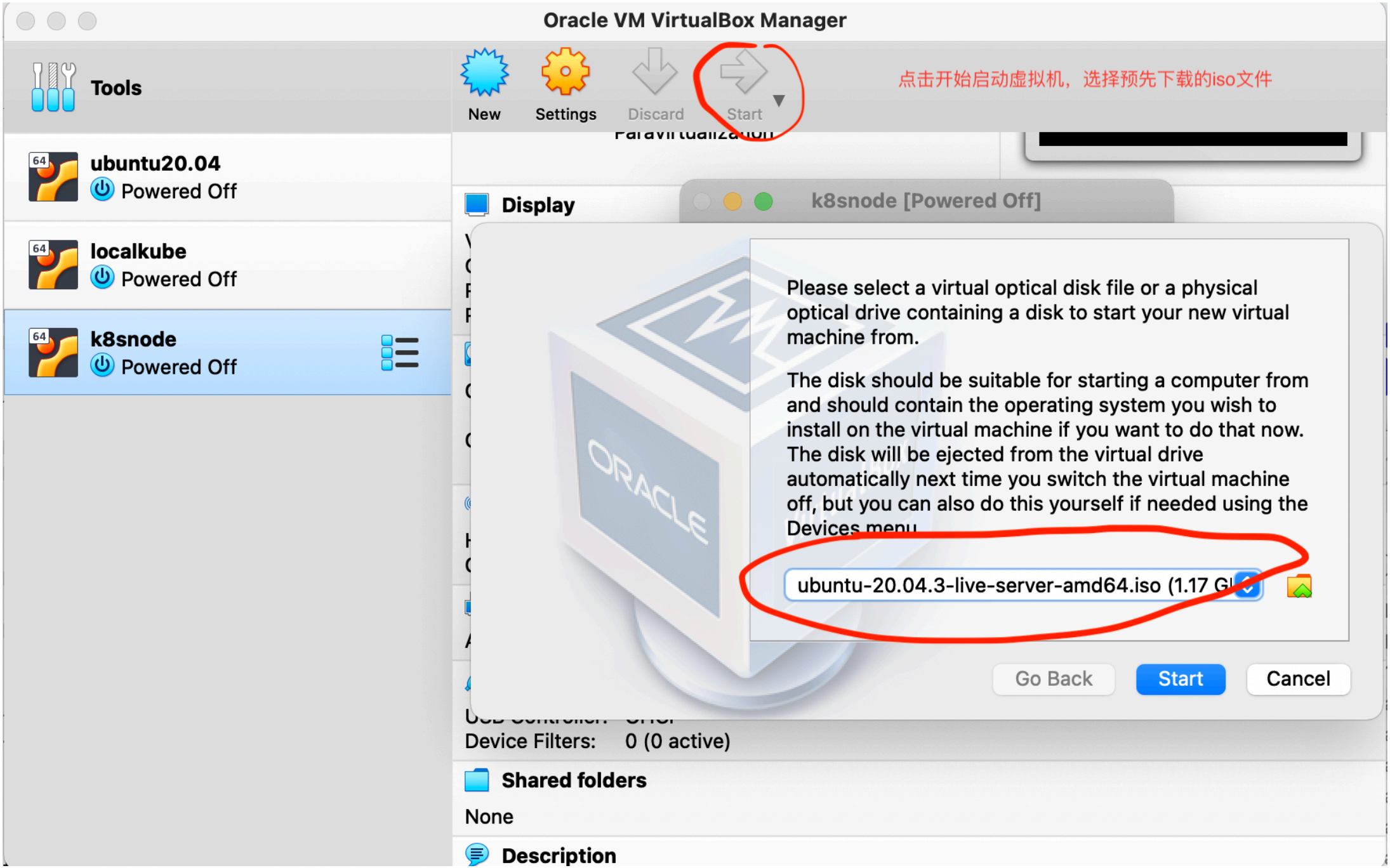
A **fixed size** hard disk file may take longer to create on some systems but is often faster to use.

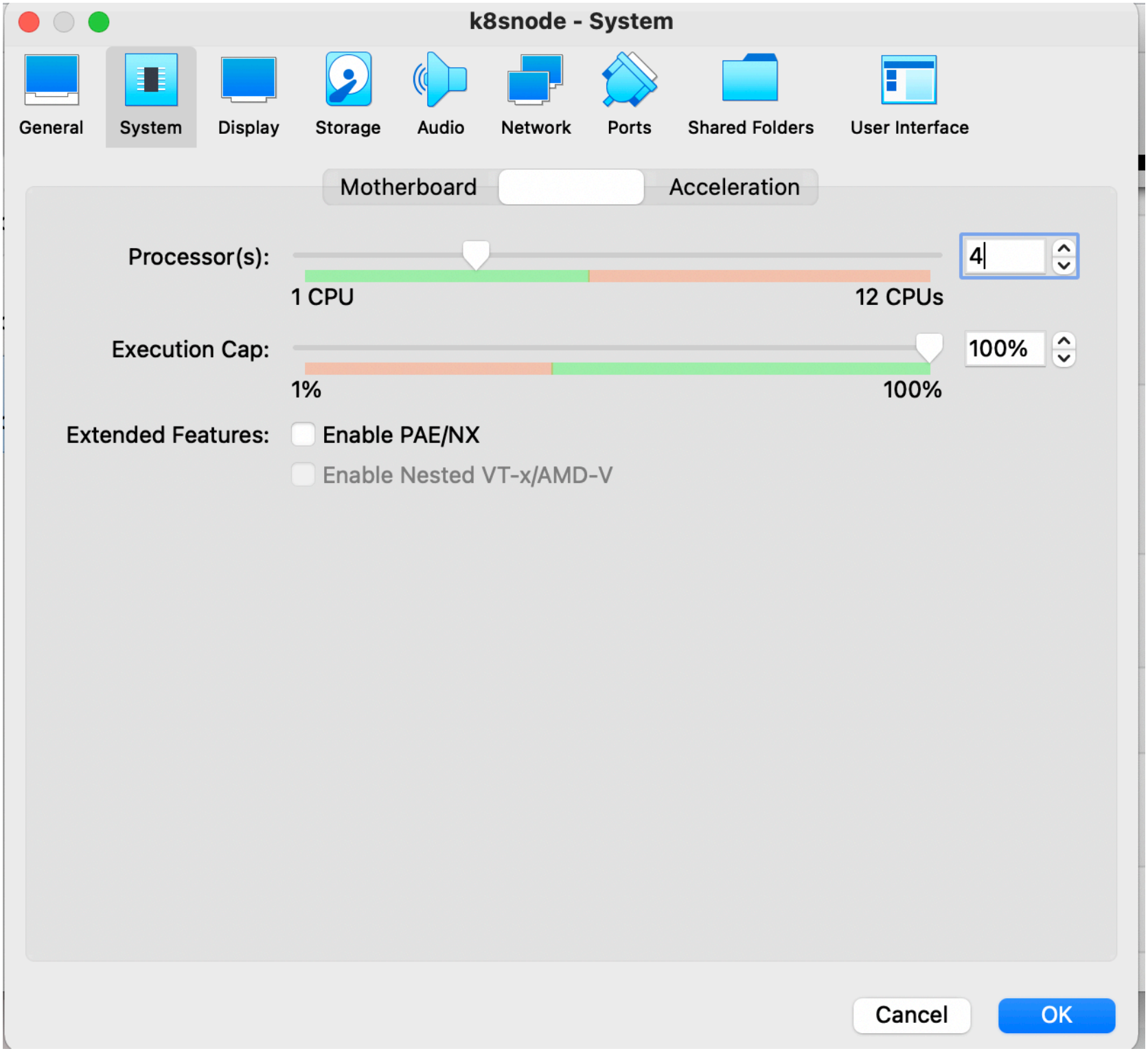
You can also choose to **split** the hard disk file into several files of up to two gigabytes each. This is mainly useful if you wish to store the virtual machine on removable USB devices or old systems, some of which cannot handle very large files.

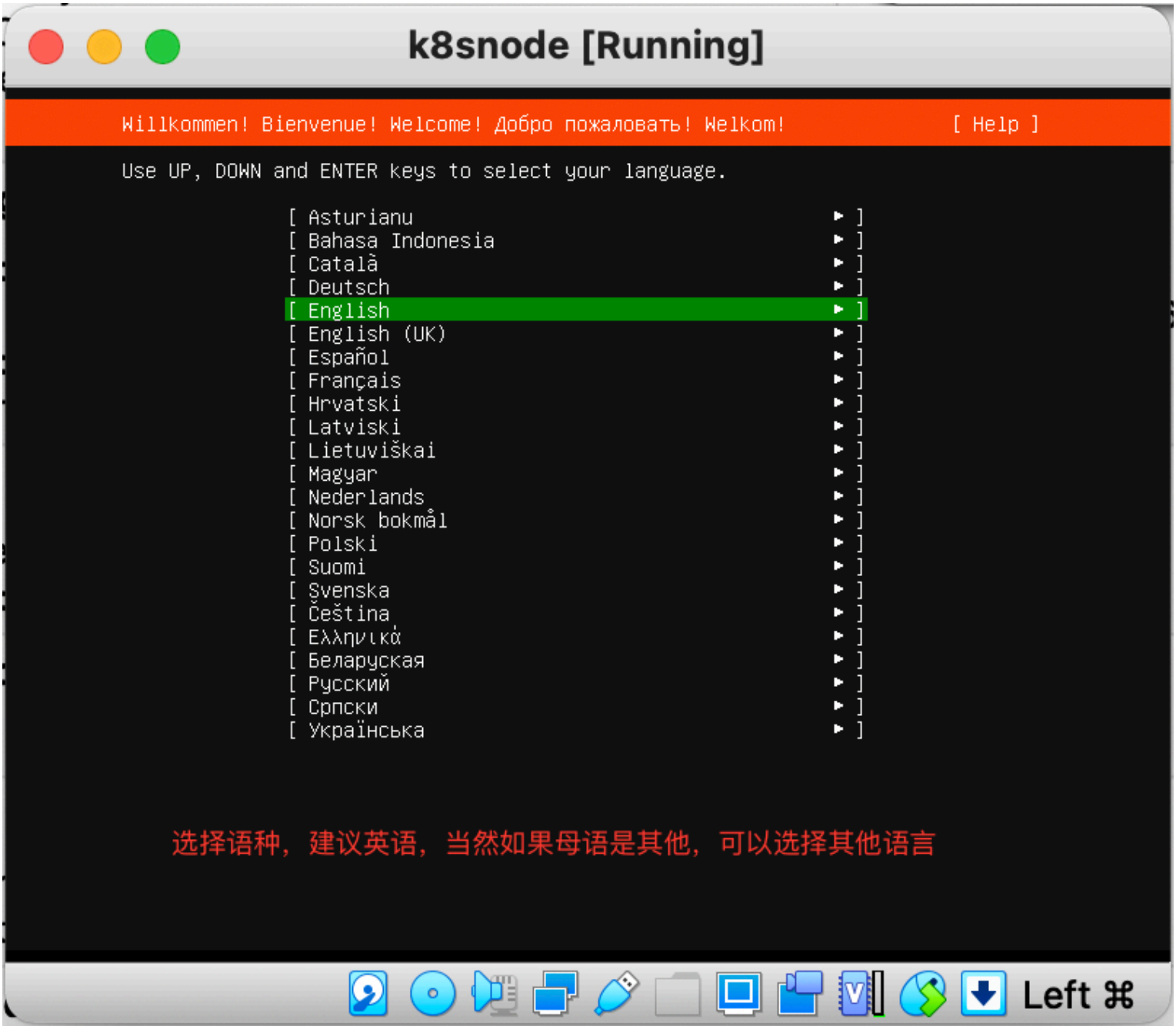
- (•) Dynamically allocated
- ( ) Fixed size
- [ ] Split into files of less than 2GB

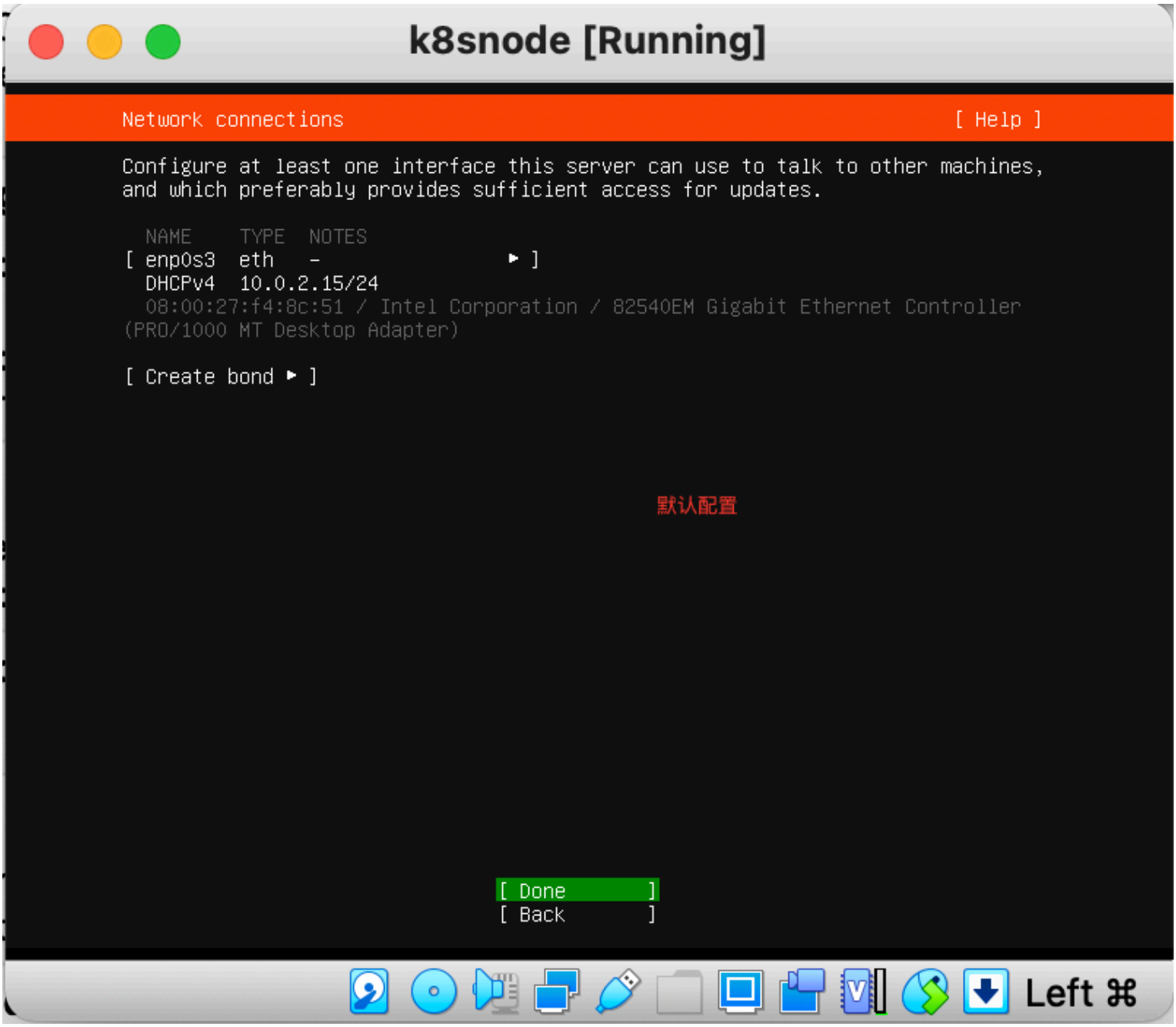
Go Back | Continue | Cancel

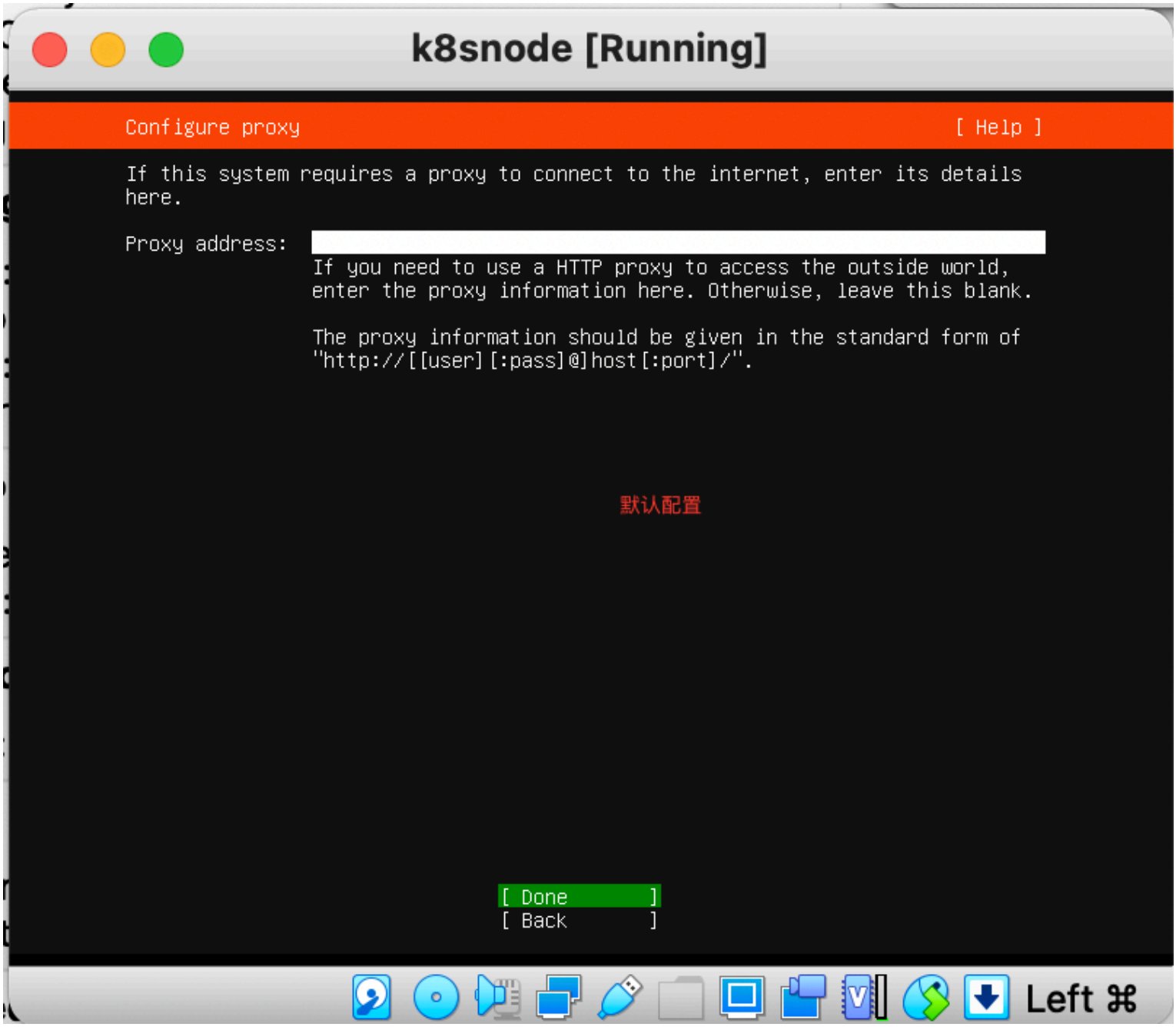

File location and size
设置硬盘大小为30G，点击创建，回到主界面
Please type the name of the new virtual hard disk file into the box below or click on the folder icon to select a different folder to create the file in.
/Users/jesse/VirtualBox VMs/k8snode/k8snode.vmdk
Select the size of the virtual hard disk in megabytes. This size is the limit on the amount of file data that a virtual machine will be able to store on the hard disk.
30.00 GB
4.00 MB
2.00 TB
Go Back
Create
Cancel

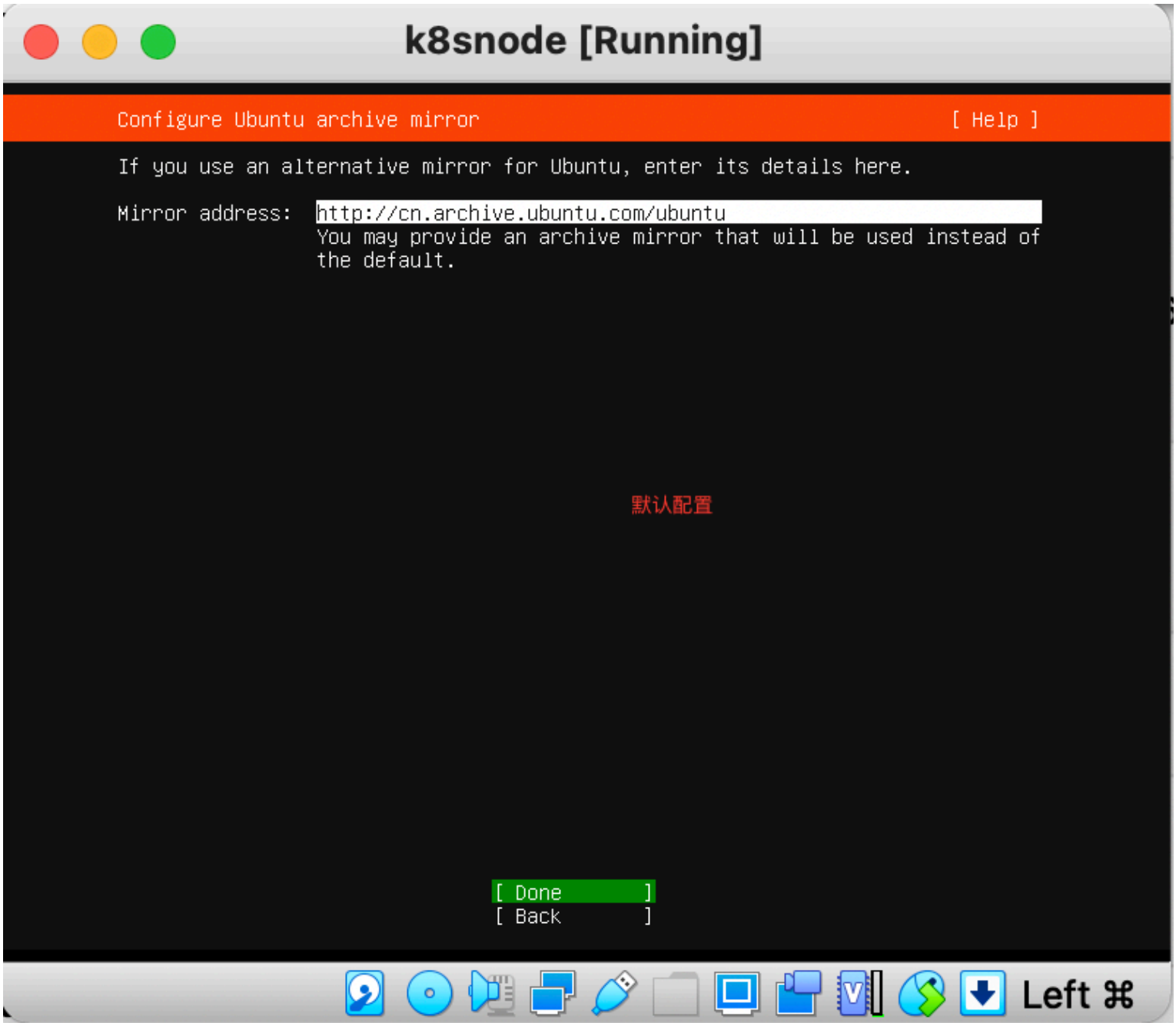

Oracle VM VirtualBox Manager
Tools
New
Settings
Discard
Start
点击开始启动虚拟机，选择预先下载的iso文件
ubuntu20.04
Powered Off
localkube
Powered Off
k8snode
Powered Off
Display
k8snode [Powered Off]
Please select a virtual optical disk file or a physical optical drive containing a disk to start your new virtual machine from.
The disk should be suitable for starting a computer from and should contain the operating system you wish to install on the virtual machine if you want to do that now. The disk will be ejected from the virtual drive automatically next time you switch the virtual machine off, but you can also do this yourself if needed using the Devices menu.
ubuntu-20.04.3-live-server-amd64.iso (1.17 GB)
Go Back
Start
Cancel
Device Filters: 0 (0 active)
Shared folders
None
Description

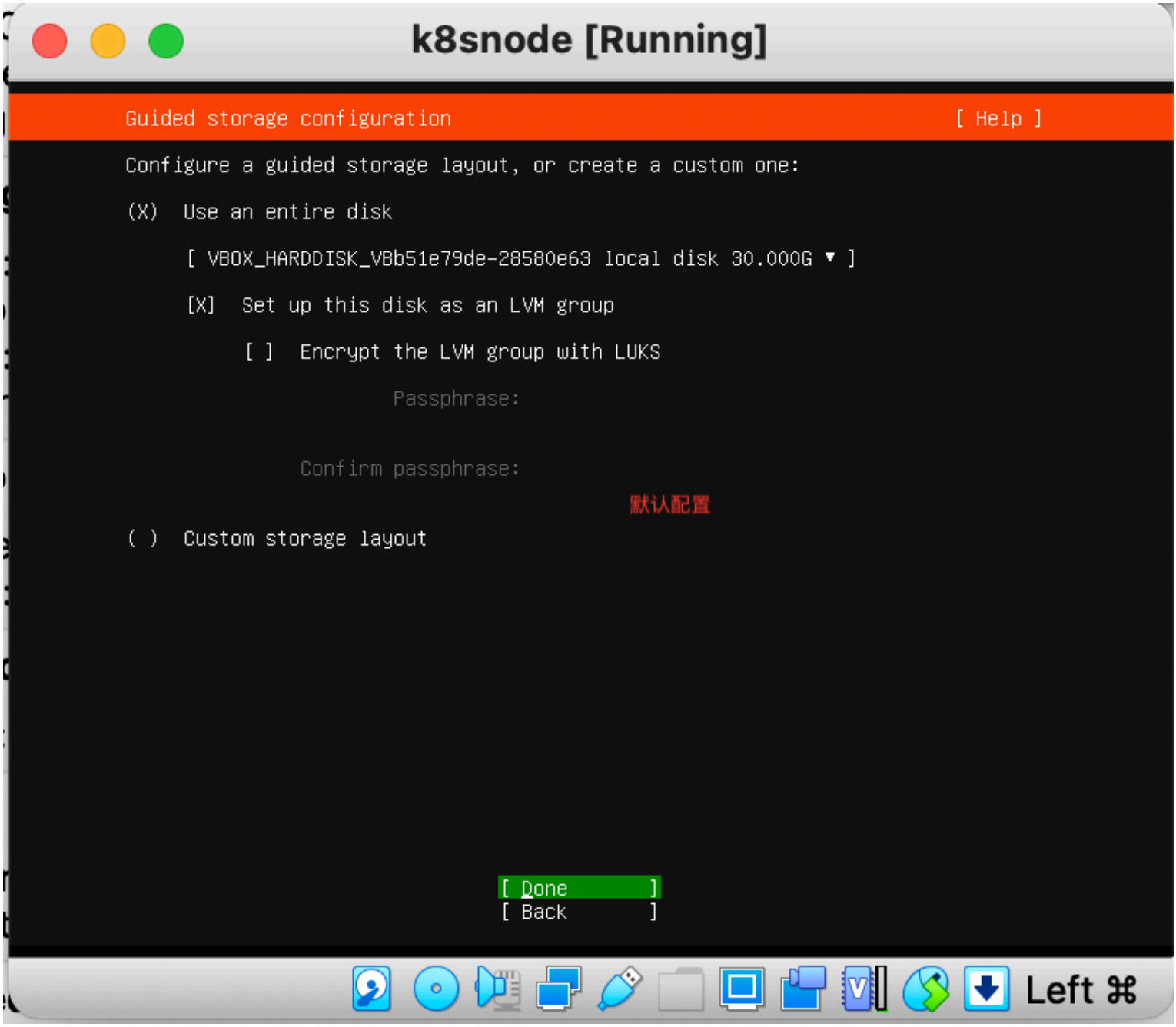

k8snode - System
General
System
Display
Storage
Audio
Network
Ports
Shared Folders
User Interface
Motherboard
Acceleration
Processor(s):
4
1 CPU
12 CPUs
Execution Cap:
100%
1%
100%
Extended Features:
Enable PAE/NX
Enable Nested VT-x/AMD-V
Cancel
OK

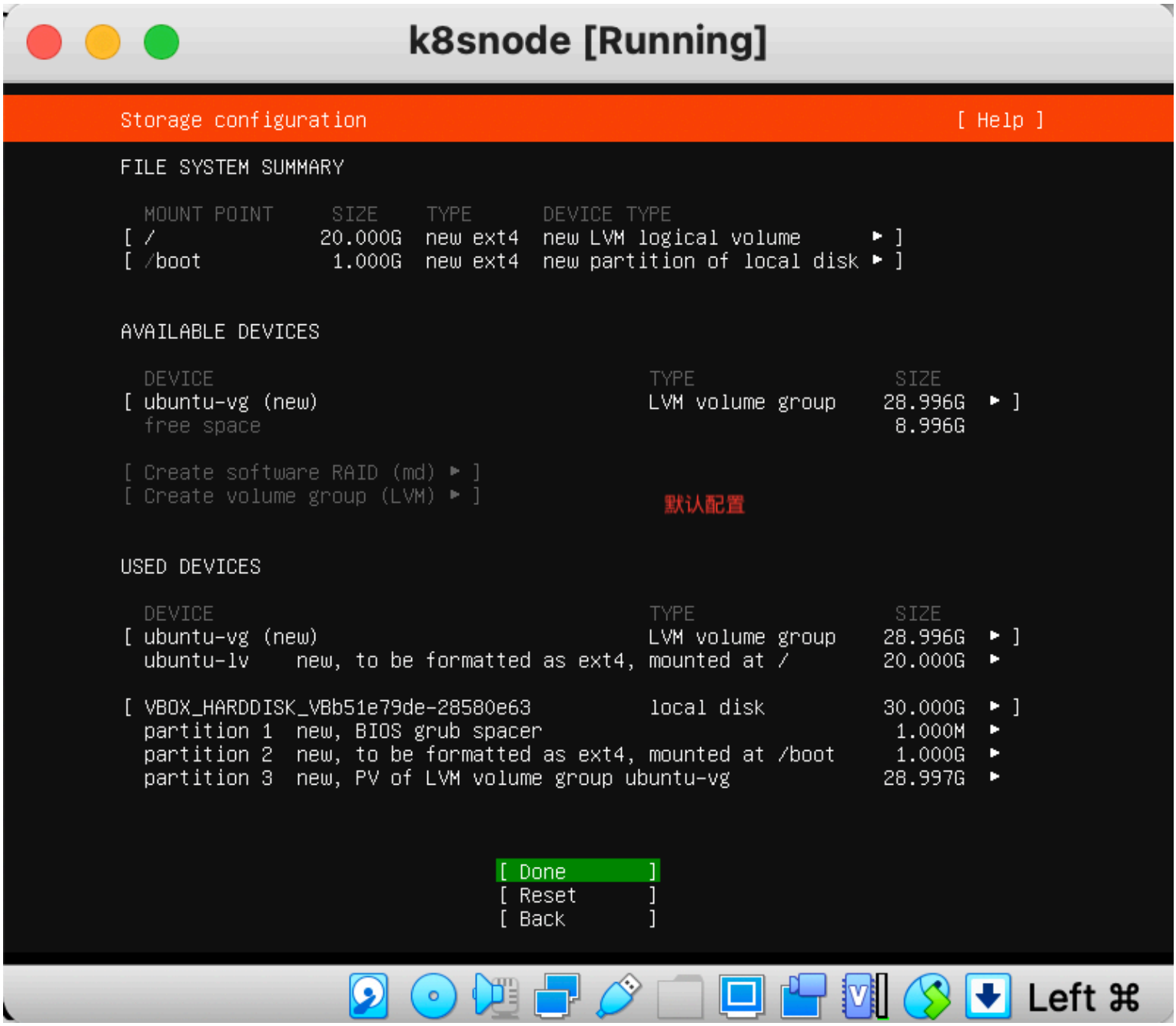

k8snode [Running]
Willkommen! Bienvenue! Welcome! Добро пожаловать! Welkom!
[Help]
Use UP, DOWN and ENTER keys to select your language.
[Asturianu ▸]
[Bahasa Indonesia ▸]
[Català ▸]
[Deutsch ▸]
[English ▸]
[English (UK) ▸]
[Español ▸]
[Français ▸]
[Hrvatski ▸]
[Latviski ▸]
[Lietuviškai ▸]
[Magyar ▸]
[Nederlands ▸]
[Norsk bokmål ▸]
[Polski ▸]
[Suomi ▸]
[Svenska ▸]
[Čeština ▸]
[Ελληνικά ▸]
[Беларуская ▸]
[Русский ▸]
[Српски ▸]
[Українська ▸]
选择语种，建议英语，当然如果母语是其他，可以选择其他语言
Left ⌘

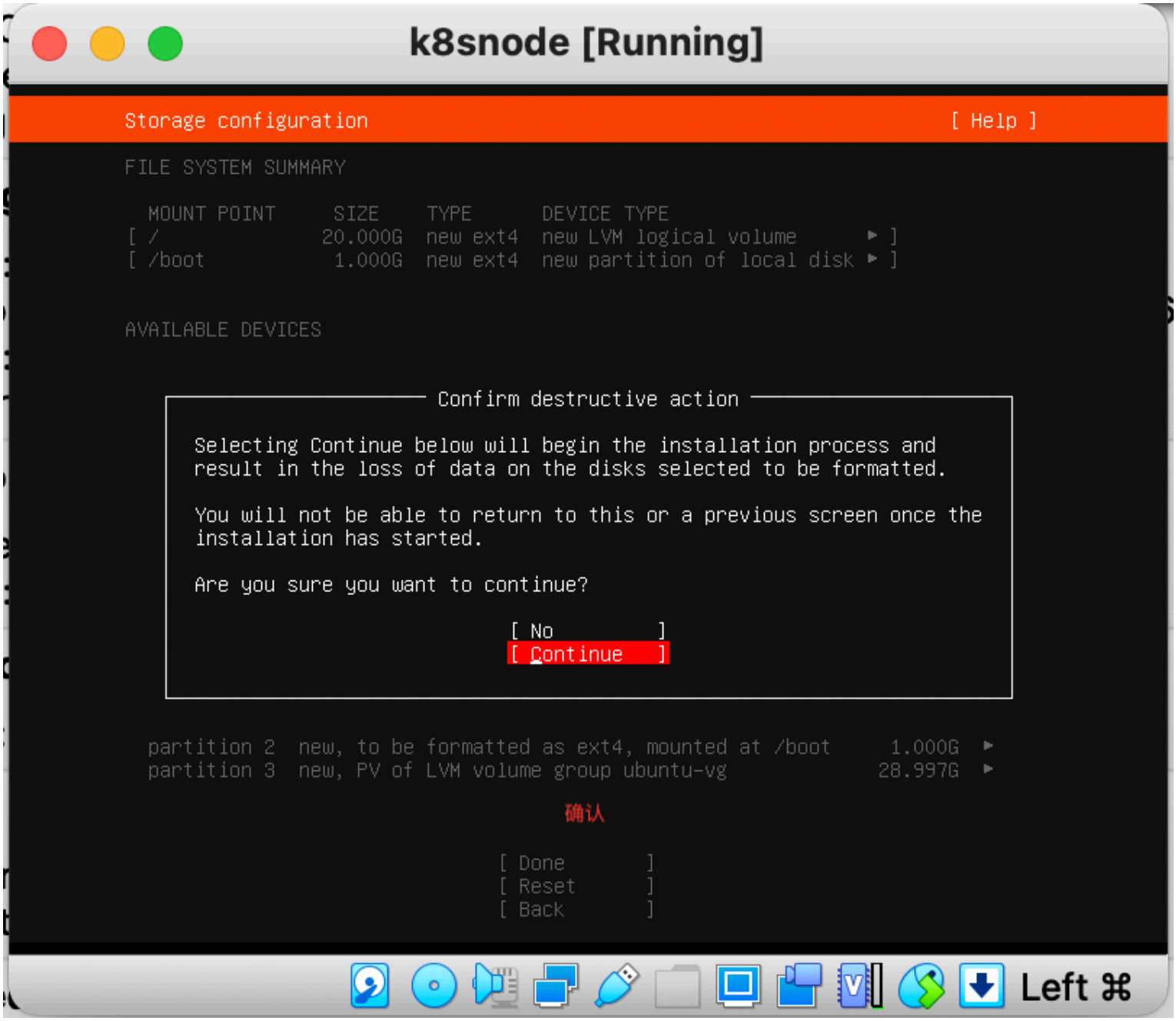

k8snode [Running]
Network connections
[Help]
Configure at least one interface this server can use to talk to other machines,
and which preferably provides sufficient access for updates.
NAME TYPE NOTES
[enp0s3 eth - ▸]
DHCPv4 10.0.2.15/24
08:00:27:f4:8c:51 / Intel Corporation / 82540EM Gigabit Ethernet Controller
(PRO/1000 MT Desktop Adapter)
[Create bond ▸]
默认配置
[Done]
[Back]
Left ⌘

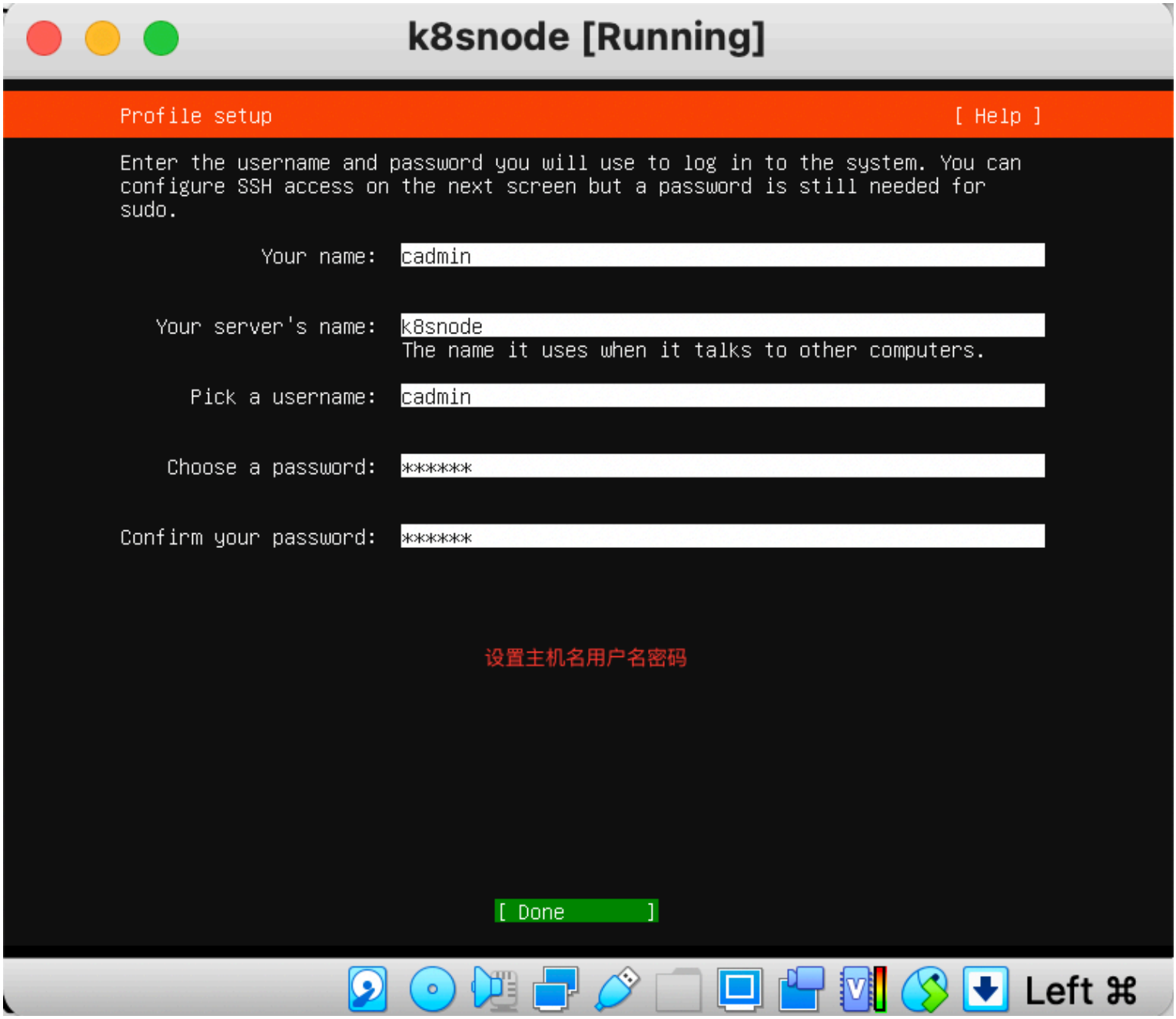

k8snode [Running]
Configure proxy
[Help]
If this system requires a proxy to connect to the internet, enter its details here.
Proxy address:
If you need to use a HTTP proxy to access the outside world, enter the proxy information here. Otherwise, leave this blank.
The proxy information should be given in the standard form of "http://[[user][:pass]@]host[:port]/".
默认配置
[Done]
[Back]
Left ⌘

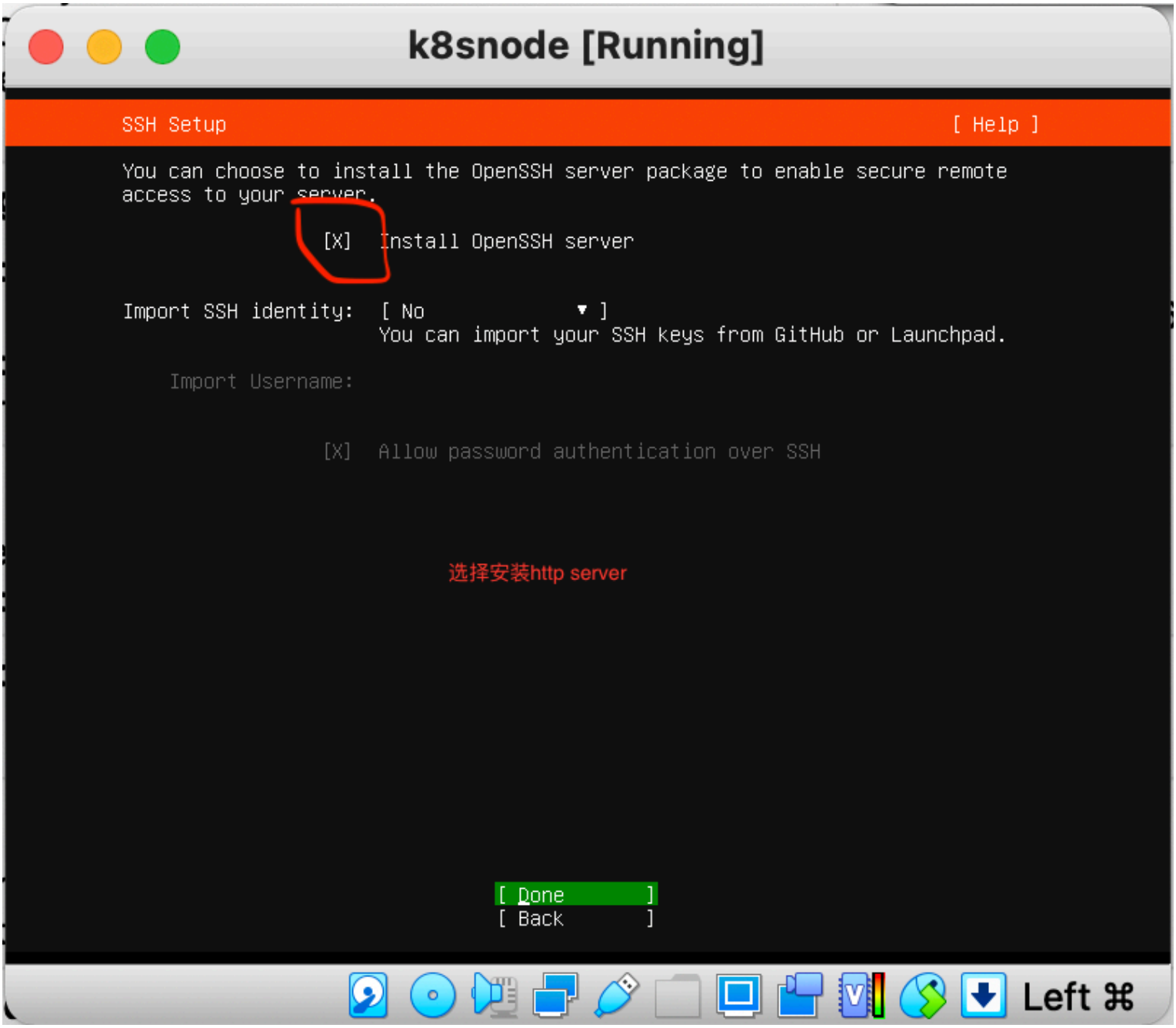

k8snode [Running]
Configure Ubuntu archive mirror
[Help]
If you use an alternative mirror for Ubuntu, enter its details here.
Mirror address: http://cn.archive.ubuntu.com/ubuntu
You may provide an archive mirror that will be used instead of the default.
默认配置
[Done]
[Back]
Left ⌘

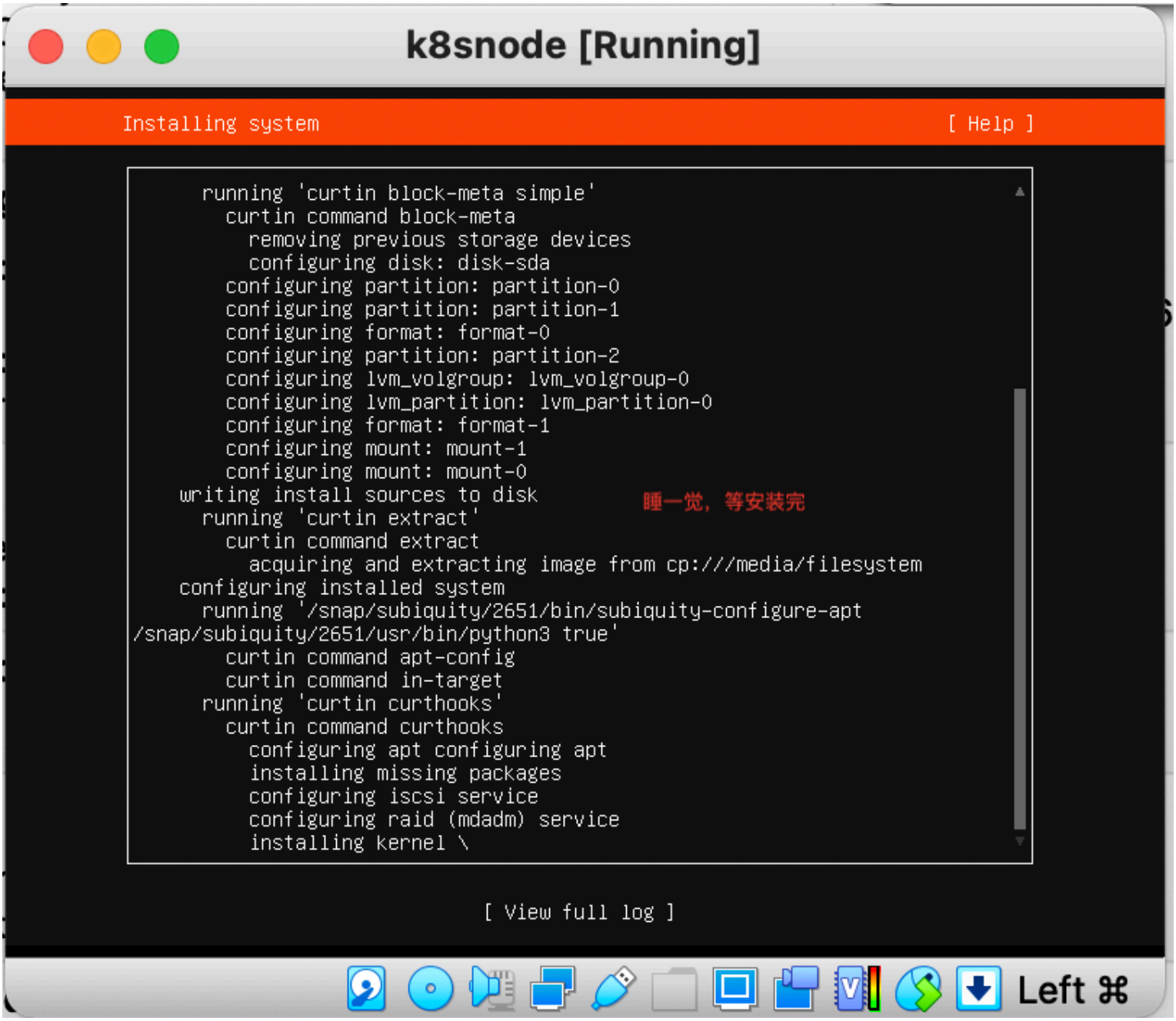

k8snode [Running]
Guided storage configuration
[Help]
Configure a guided storage layout, or create a custom one:
(X) Use an entire disk
[VBOX_HARDDISK_VBb51e79de-28580e63 local disk 30.000G ▾]
[X] Set up this disk as an LVM group
[ ] Encrypt the LVM group with LUKS
Passphrase:
Confirm passphrase:
默认配置
( ) Custom storage layout
[Done]
[Back]
Left ⌘


k8snode [Running]
Storage configuration
[Help]
FILE SYSTEM SUMMARY
MOUNT POINT SIZE TYPE DEVICE TYPE
[/ 20.000G new ext4 new LVM logical volume ▸]
[/boot 1.000G new ext4 new partition of local disk ▸]
AVAILABLE DEVICES
DEVICE TYPE SIZE
[ubuntu-vg (new) LVM volume group 28.996G ▸]
free space 8.996G
[Create software RAID (md) ▸]
[Create volume group (LVM) ▸]
默认配置
USED DEVICES
DEVICE TYPE SIZE
[ubuntu-vg (new) LVM volume group 28.996G ▸]
ubuntu-lv new, to be formatted as ext4, mounted at / 20.000G ▸
[VBOX_HARDDISK_VBb51e79de-28580e63 local disk 30.000G ▸]
partition 1 new, BIOS grub spacer 1.000M ▸
partition 2 new, to be formatted as ext4, mounted at /boot 1.000G ▸
partition 3 new, PV of LVM volume group ubuntu-vg 28.997G ▸
[Done]
[Reset]
[Back]
Left ⌘


k8snode [Running]
Storage configuration
[Help]
FILE SYSTEM SUMMARY
MOUNT POINT SIZE TYPE DEVICE TYPE
[/ 20.000G new ext4 new LVM logical volume ▸]
[/boot 1.000G new ext4 new partition of local disk ▸]
AVAILABLE DEVICES
Confirm destructive action
Selecting Continue below will begin the installation process and result in the loss of data on the disks selected to be formatted.
You will not be able to return to this or a previous screen once the installation has started.
Are you sure you want to continue?
[No]
[Continue]
partition 2 new, to be formatted as ext4, mounted at /boot 1.000G ▸
partition 3 new, PV of LVM volume group ubuntu-vg 28.997G ▸
确认
[Done]
[Reset]
[Back]
Left ⌘


k8snode [Running]
Profile setup
[Help]
Enter the username and password you will use to log in to the system. You can configure SSH access on the next screen but a password is still needed for sudo.
Your name: cadmin
Your server's name: k8snode
The name it uses when it talks to other computers.
Pick a username: cadmin
Choose a password: ******
Confirm your password: ******
设置主机名用户名密码
[Done]
Left ⌘


k8snode [Running]
SSH Setup
[Help]
You can choose to install the OpenSSH server package to enable secure remote access to your server.
[X] Install OpenSSH server
Import SSH identity: [No ▾]
You can import your SSH keys from GitHub or Launchpad.
Import Username:
[X] Allow password authentication over SSH
选择安装http server
[Done]
[Back]
Left ⌘


k8snode [Running]
Installing system
[Help]
running 'curtin block-meta simple'
curtin command block-meta
removing previous storage devices
configuring disk: disk-sda
configuring partition: partition-0
configuring partition: partition-1
configuring format: format-0
configuring partition: partition-2
configuring lvm_volgroup: lvm_volgroup-0
configuring lvm_partition: lvm_partition-0
configuring format: format-1
configuring mount: mount-1
configuring mount: mount-0
writing install sources to disk
睡一觉，等安装完
running 'curtin extract'
curtin command extract
acquiring and extracting image from cp:///media/filesystem
configuring installed system
running '/snap/subiquity/2651/bin/subiquity-configure-apt
/snap/subiquity/2651/usr/bin/python3 true'
curtin command apt-config
curtin command in-target
running 'curtin curthooks'
curtin command curthooks
configuring apt configuring apt
installing missing packages
configuring iscsi service
configuring raid (mdadm) service
installing kernel \
[View full log]
Left ⌘