

**daud99**

Posted on Jul 24, 2022



4

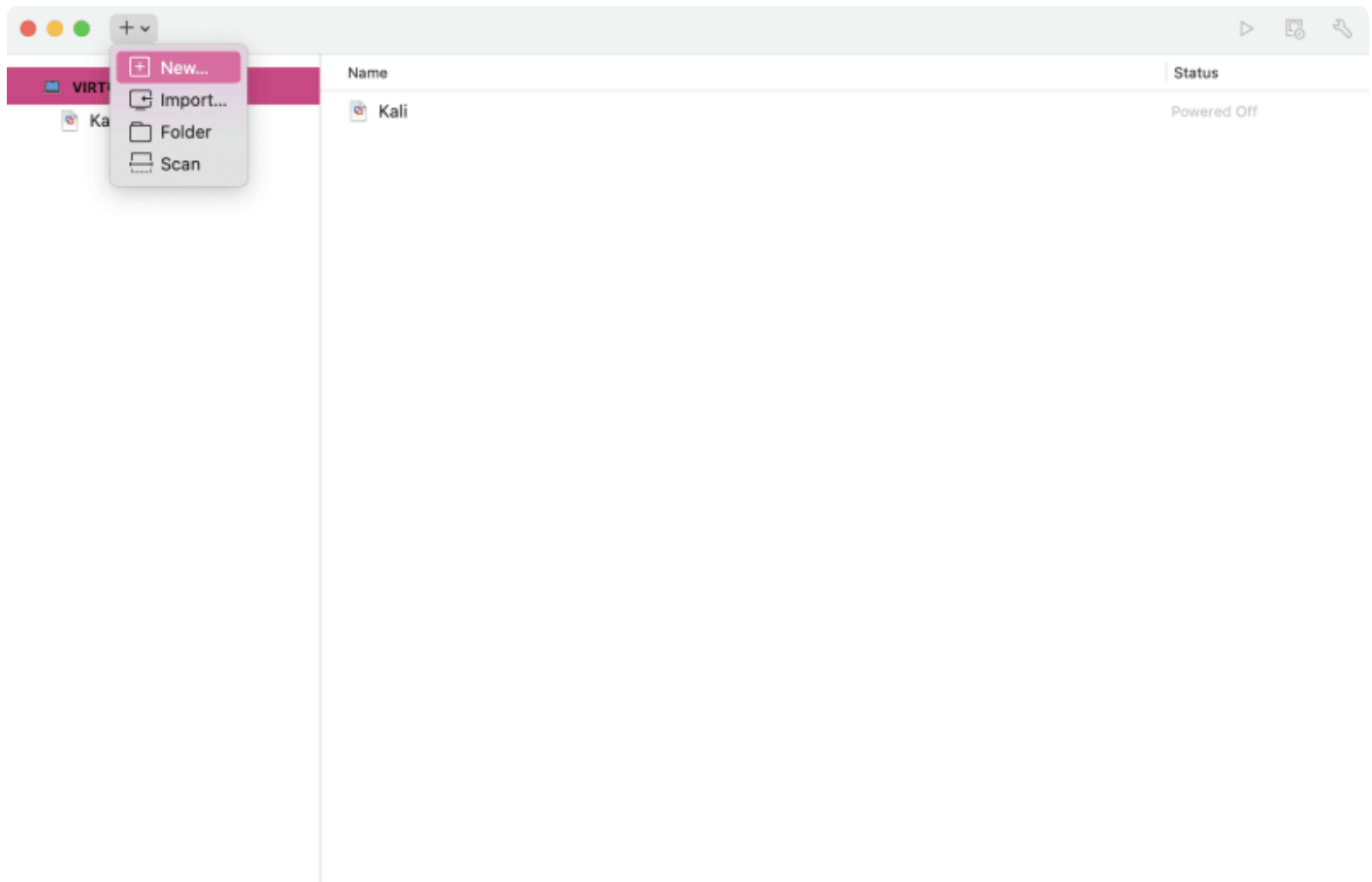
Installing Ubuntu using VMWare fusion tech Preview on MAC M1 silicon

#vmwarefusion #mac #m1 #ubuntuinstallation

Download Ubuntu ISO

Download the ISO named "**ubuntu-20.04.4-live-server-arm64.iso**" from [here](#).

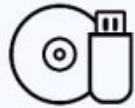
Create a new Virtual Machine



1- Click on "Install from disk or image".



Select the Installation Method



Install from disc or image

Drag your ISO file here to start installing



Import an existing
virtual machine



Create a custom
virtual machine



Create a virtual machine on
a remote server



Cancel

Continue

2- Browse and select to the ISO Ubuntu file downloaded.



Create a New Virtual Machine

This will guide you through installing Windows or another operating system in a virtual machine on your Mac.



Choose an operating system installation disc or image:



	ubuntu-20.04.4-live-server-arm64.iso Ubuntu 64-bit Arm Server 20.04.4	Show in Finder
---	---	--------------------------------

To use Easy Install, choose the first disc of the set

[Use another disc or disc image...](#)



Cancel

Go Back

Continue

3- Click Finish.



Finish

The configuration of the virtual machine is now complete.



Virtual Machine Summary

Guest Operating System Ubuntu 64-bit Arm Server 20.04.4

New Hard Disk Capacity 20 GB

Memory 4 GB

Networking Share with my Mac (NAT)

Device Summary 2 CPU cores, CD/DVD, USB Controller, Sound Card

To change the default virtual machine settings, click Customize Settings. To run the virtual machine now, click Finish.

Customize Settings



Cancel

Go Back

Finish

It will automatically start the Virtual Machine. Simply shut it down.

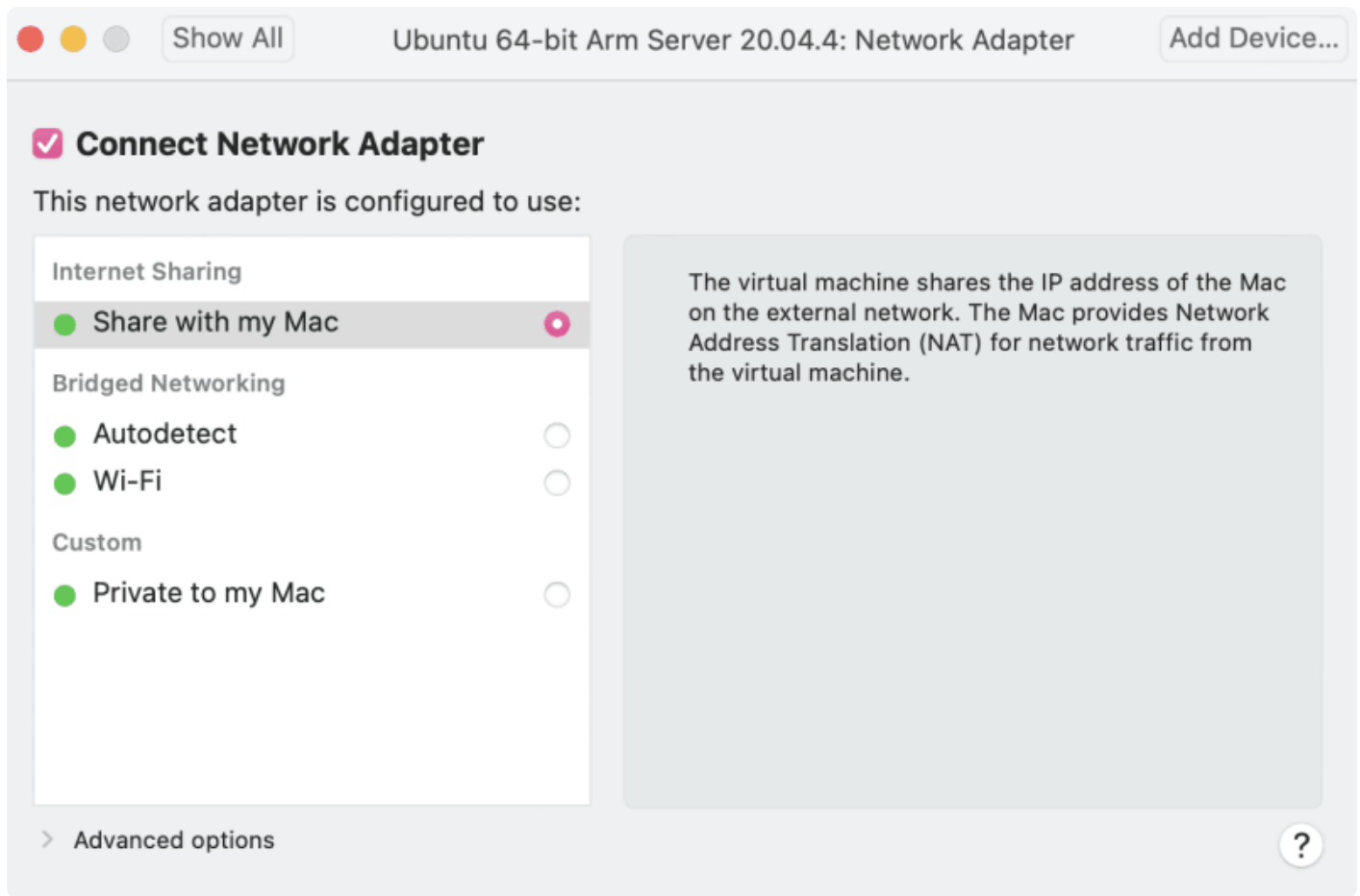
Disabling Network Adapter

1- Go to the Settings



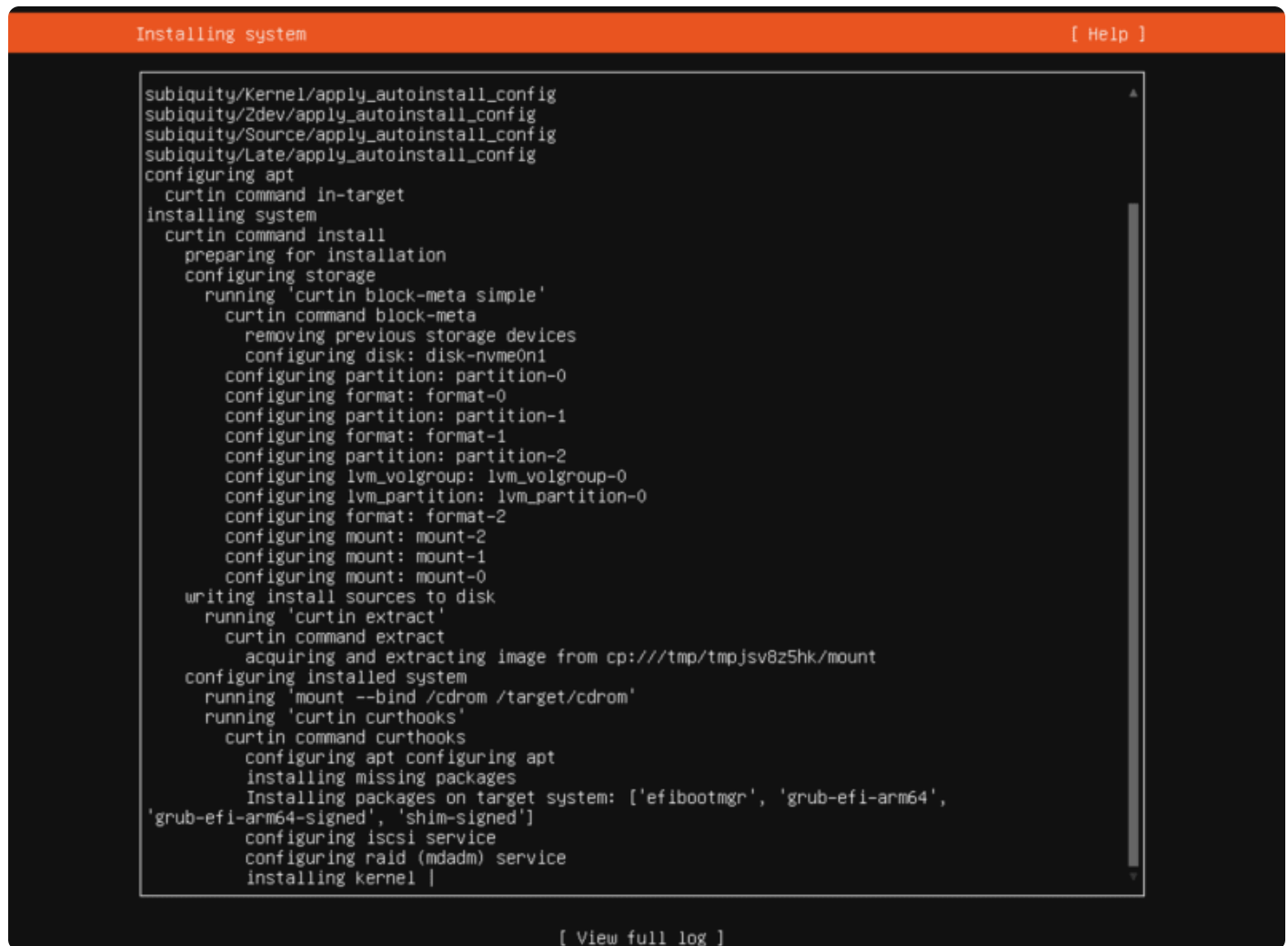
2- Select Network Adapter

3- Deselect **Connect network adapter**



Installing Ubuntu

- 1- Now, start the VM.
- 2- Click on "Install Ubuntu Server"
- 3- Select all the defaults and keep on going.
- 4- Eventually, you will reach here.

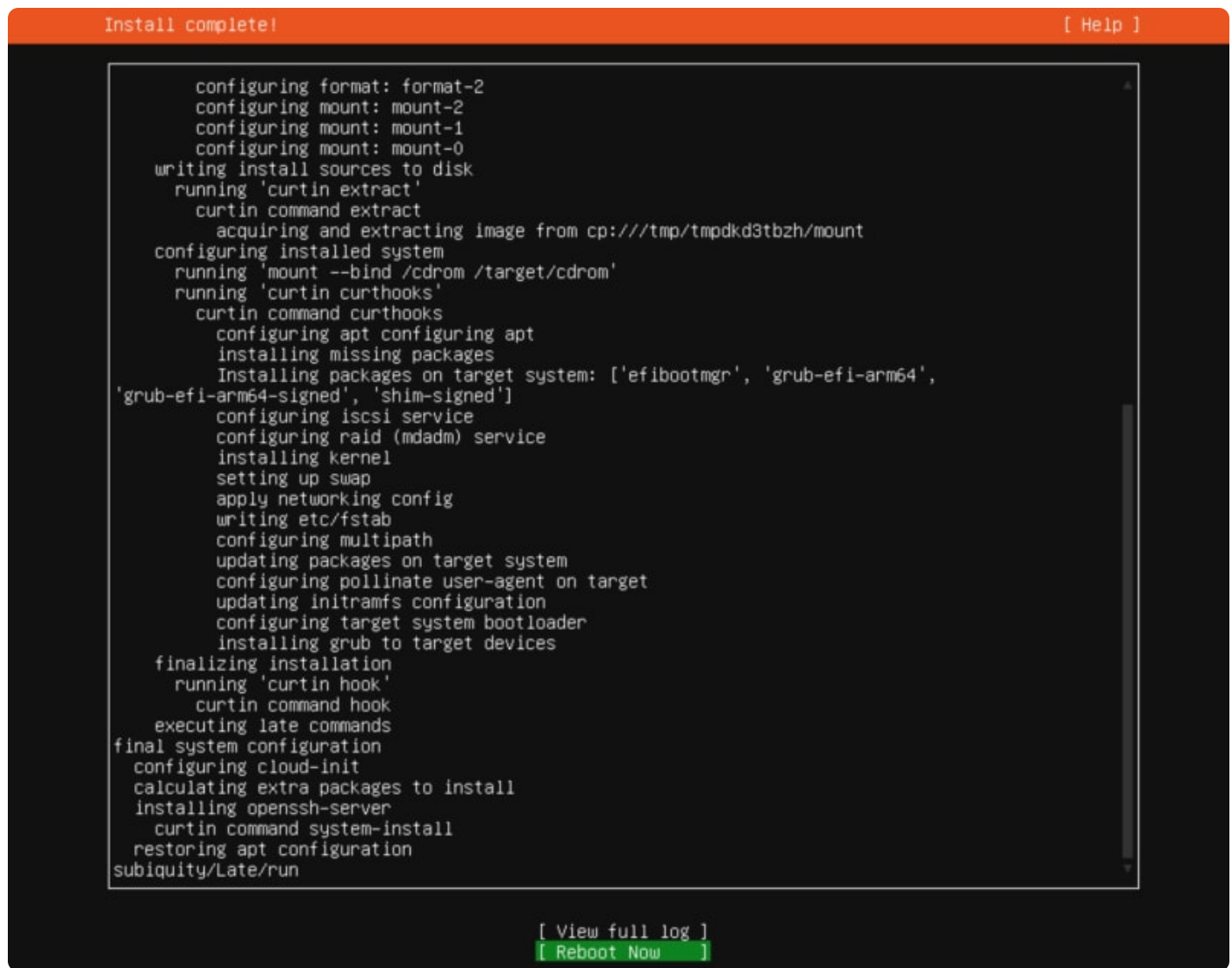


The screenshot shows a terminal window titled "Installing system" with a "[Help]" button in the top right corner. The terminal displays the following log output:

```
subiquity/Kernel/apply_autoinstall_config
subiquity/2dev/apply_autoinstall_config
subiquity/Source/apply_autoinstall_config
subiquity/Late/apply_autoinstall_config
configuring apt
  curtin command in-target
installing system
  curtin command install
    preparing for installation
    configuring storage
      running 'curtin block-meta simple'
      curtin command block-meta
        removing previous storage devices
        configuring disk: disk-nvme0n1
        configuring partition: partition-0
        configuring format: format-0
        configuring partition: partition-1
        configuring format: format-1
        configuring partition: partition-2
        configuring lvm_volgroup: lvm_volgroup-0
        configuring lvm_partition: lvm_partition-0
        configuring format: format-2
        configuring mount: mount-2
        configuring mount: mount-1
        configuring mount: mount-0
    writing install sources to disk
      running 'curtin extract'
      curtin command extract
        acquiring and extracting image from cp:///tmp/tmpjsv8z5hk/mount
    configuring installed system
      running 'mount --bind /cdrom /target/cdrom'
      running 'curtin curthooks'
      curtin command curthooks
        configuring apt configuring apt
        installing missing packages
        Installing packages on target system: ['efibootmgr', 'grub-efi-arm64',
'grub-efi-arm64-signed', 'shim-signed']
        configuring iscsi service
        configuring raid (mdadm) service
        installing kernel |
```

At the bottom of the terminal window, there is a link "[View full log]".

5- Once install You can see that "installing system" changes to "Install Complete!". Then, click on "Reboot Now" and Press "Enter" again.



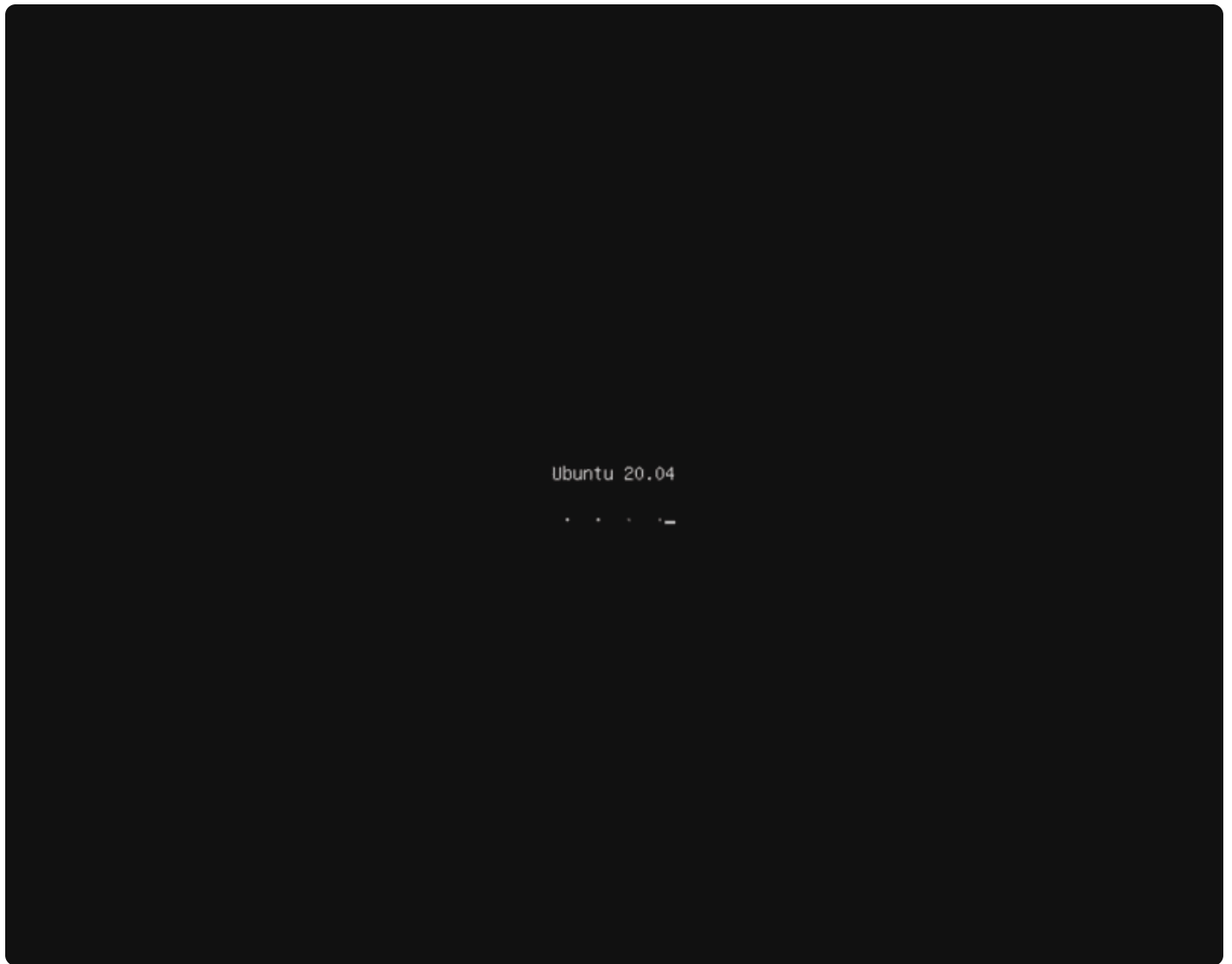
The screenshot shows a terminal window titled "Install complete!" with a "[Help]" button in the top right corner. The terminal displays a list of installation steps, including configuring format, mount, and disk, writing install sources, running 'curtin extract', acquiring and extracting image, configuring installed system, running 'mount --bind /cdrom /target/cdrom', running 'curtin curthooks', configuring apt, installing missing packages, installing packages on target system, configuring iSCSI service, configuring RAID (mdadm) service, installing kernel, setting up swap, applying networking config, writing etc/fstab, configuring multipath, updating packages on target system, configuring pollinate user-agent on target, updating initramfs configuration, configuring target system bootloader, installing grub to target devices, finalizing installation, running 'curtin hook', executing late commands, final system configuration, configuring cloud-init, calculating extra packages to install, installing openssh-server, running 'curtin command system-install', restoring apt configuration, and finally 'subiquity/Late/run'. At the bottom of the terminal, there are two buttons: "[View full log]" and "[Reboot Now]".

```
Install complete! [ Help ]

configuring format: format-2
configuring mount: mount-2
configuring mount: mount-1
configuring mount: mount-0
writing install sources to disk
running 'curtin extract'
curtin command extract
acquiring and extracting image from cp:///tmp/tmpdkd3tbzh/mount
configuring installed system
running 'mount --bind /cdrom /target/cdrom'
running 'curtin curthooks'
curtin command curthooks
configuring apt configuring apt
installing missing packages
Installing packages on target system: ['efibootmgr', 'grub-efi-arm64',
'grub-efi-arm64-signed', 'shim-signed']
configuring iSCSI service
configuring raid (mdadm) service
installing kernel
setting up swap
apply networking config
writing etc/fstab
configuring multipath
updating packages on target system
configuring pollinate user-agent on target
updating initramfs configuration
configuring target system bootloader
installing grub to target devices
finalizing installation
running 'curtin hook'
curtin command hook
executing late commands
final system configuration
configuring cloud-init
calculating extra packages to install
installing openssh-server
curtin command system-install
restoring apt configuration
subiquity/Late/run

[ View full log ]
[ Reboot Now ]
```

6- The VM will stuck on the following screen simply Press "Enter" to continue.



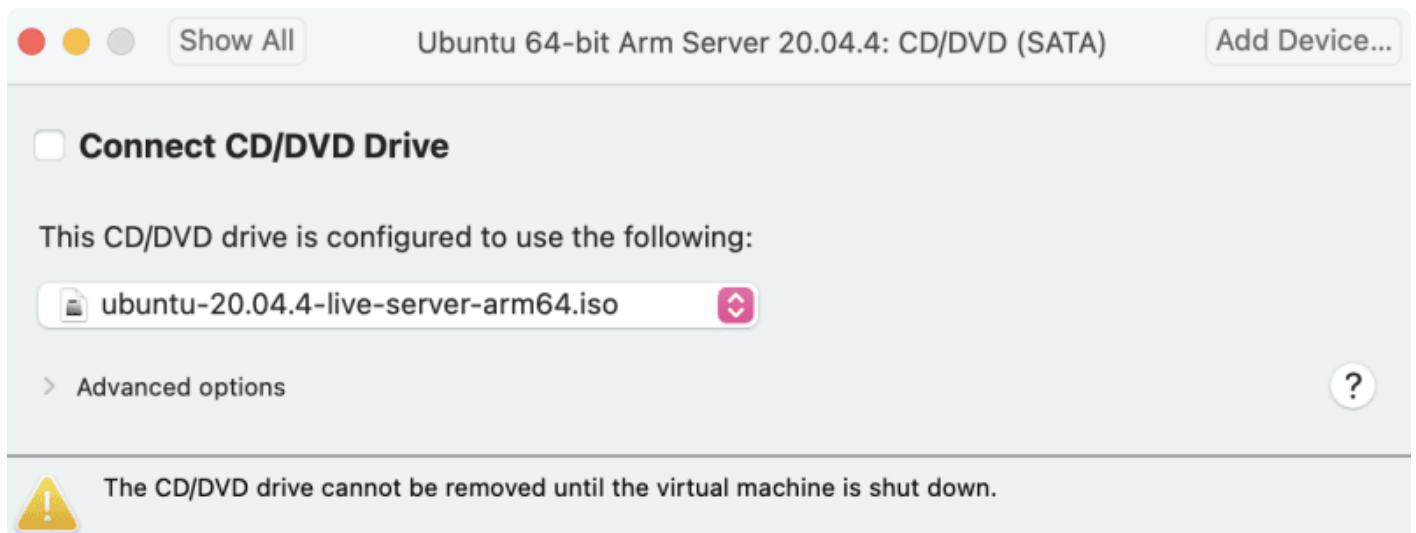
7- Enable the Network adapter back again by going to the Settings > Network Adapter > Selecting "Connect Network Adapter" option.

8- You will be prompt to Enter Username and password which you configured while installing the operating system.

9- You will reach the following screen.



10- Also remove the ISO by going to settings and unselecting "CD/DVD (SATA)"



Updating repositories and rebooting

```
sudo apt update
sudo reboot
```

Installing Desktop Environment

```
sudo apt install tasksel
sudo tasksel install ubuntu-desktop
```

```
sudo reboot
```

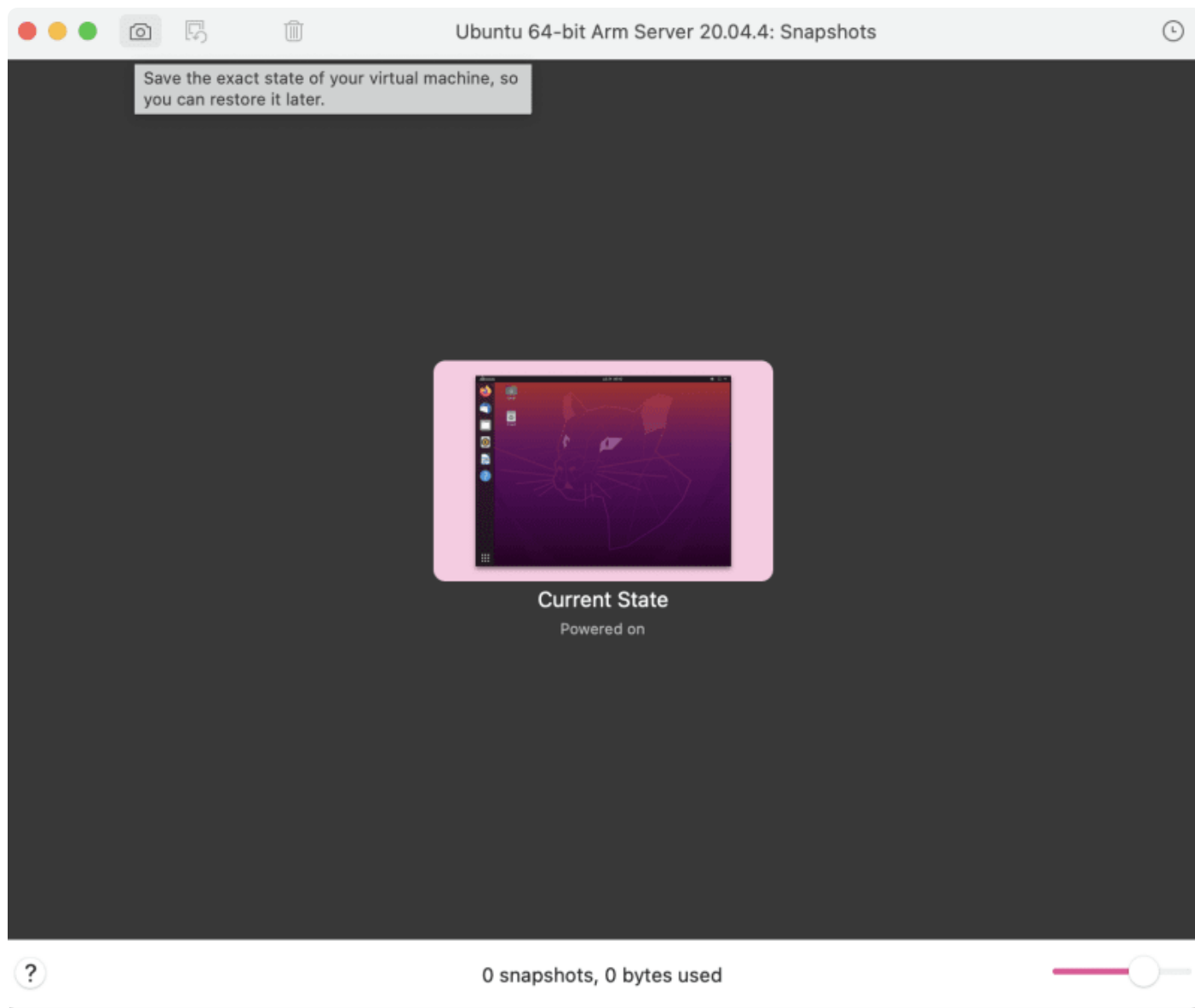
Install VMWare tools

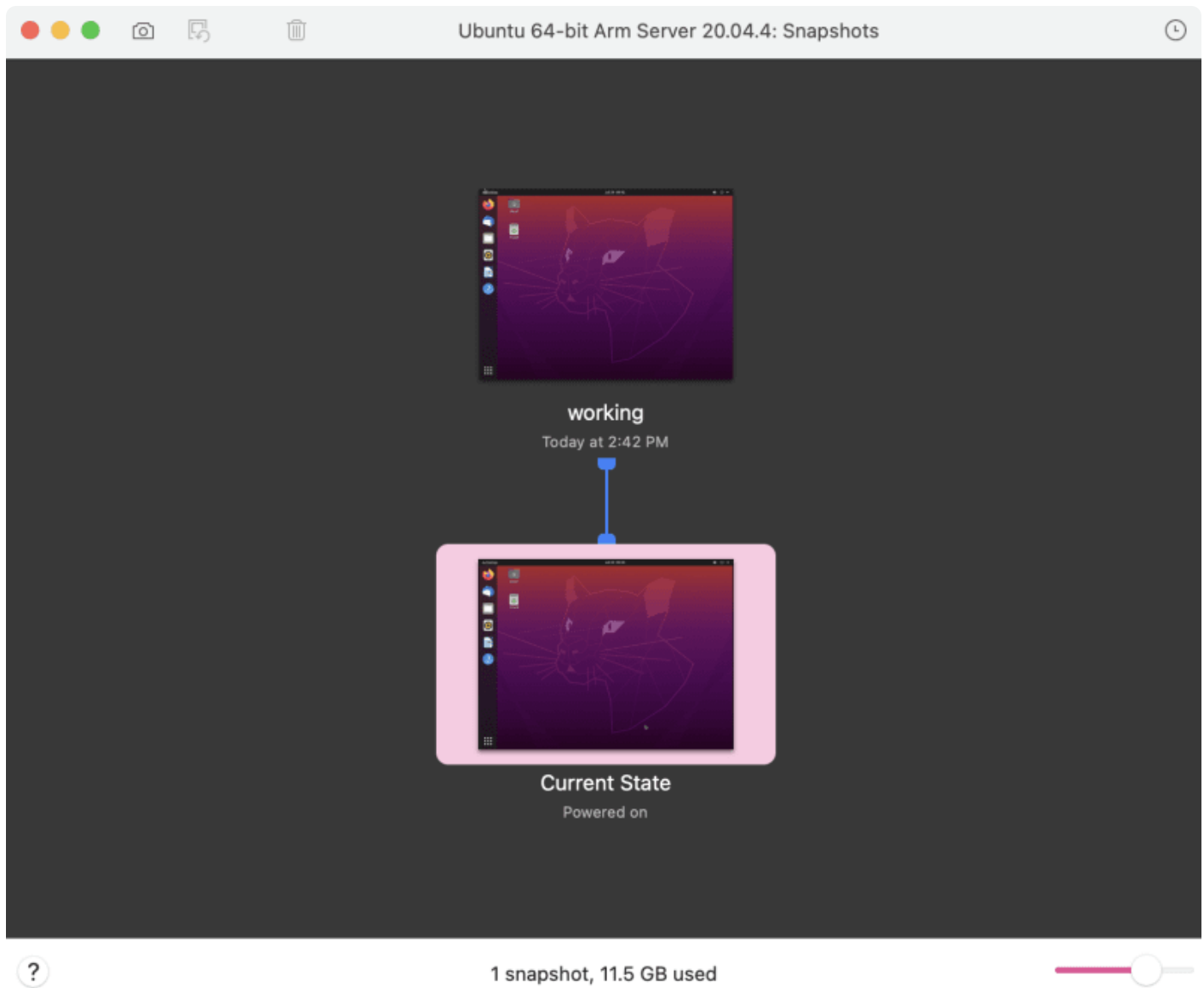
```
sudo apt install -y open-vm-tools-desktop  
sudo reboot now
```

Take Snapshot for fresh installation

We can revert back to it in case there is some issue.







Top comments (8)



kaipaynter • Jan 24 '23



These steps are no longer needed. Looks like tasksel was deprecated.

```
sudo apt install tasksel  
sudo tasksel install ubuntu-desktop
```

This worked for me

```
sudo apt install ubuntu-desktop^
```

Thank you for this guide. It's so useful



Comment deleted



daud99 • Sep 18 '22



Seems like it tries to download some update from the server which make it stuck.



Comment deleted



daud99 • Sep 18 '22



I believe, you just need to do this for the first time. After that, you can leave your network adapter connected.



Ryan734 • Oct 30 '22



Hi Daud - Just to ask for your advice. After this step: 2- Click on "Install Ubuntu Server" I keep getting a black screen where nothing happens. Any advice?



daud99 • Nov 8 '22



Hi [@posty999](#) have you turned off the Network adapter?



Ryan734 • Nov 8 '22



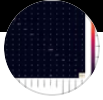
Yes - as per your instructions I have deselected **Connect network adapter**. However, I still get a blank screen when starting up the machine after clicking on "Install Ubuntu Server".

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Geek by day, an overthinker by night

LOCATION

Islamabad, Pakistan

EDUCATION

COMSATS University, Islamabad

WORK

Information Security Engineer

JOINED

Nov 13, 2019

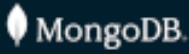
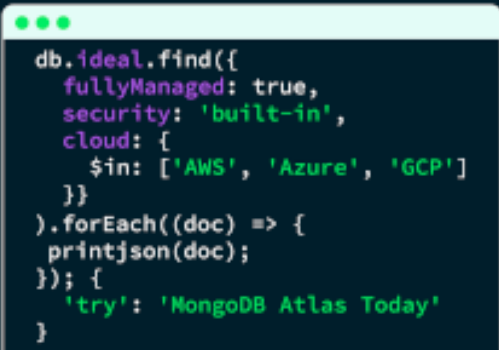
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Install NVM/Node on MAC OS

[#nvm](#) [#node](#) [#mac](#) [#webdev](#)

Uninstall Node on MAC OS

[#mac](#) [#node](#) [#uninstall](#) [#webdev](#)

```
db.ideal.find({
  fullyManaged: true,
  security: 'built-in',
  cloud: {
    $in: ['AWS', 'Azure', 'GCP']
  }}
).forEach((doc) => {
  printjson(doc);
}); {
  'try': 'MongoDB Atlas Today'
}
```

**Develop and launch
modern apps with
MongoDB Atlas, a
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