Step 1: Go to link <https://ubuntu.com/tutorials/how-to-run-ubuntu-desktop-on-a-virtual-machine-using-virtualbox#1-overview> in your browser. Scroll down to you see where you click “here” (see yellow highlighted below) for downloading an image of Ubuntu:

Graphical user interface, application

Description automatically generated

Step 2: Clicked green Download button (this will take some time to download):

Graphical user interface, text, application

Description automatically generated

Note: If you already installed VirtualBox, you can skip to step 11 (page 6).

Step 3: Visit <https://www.virtualbox.org/> and click on “Download VirtualBox” blue button:

Text

Description automatically generated

Step 4: Click on “Windows hosts” below, then an executable will download:

Text

Description automatically generated

Step 5: Click on the executable once it is downloaded, and then click “Yes” for the User Account Control window that pops up. You will then see the following where you will click “Next”:

A picture containing text

Description automatically generated

Step 6: Click Next:

Graphical user interface, text, application

Description automatically generated

Step 7: Click Next:

Graphical user interface, text, application, email

Description automatically generated

Step 8: Click Yes:

Text

Description automatically generated

Step 9: Click “Install”:

Graphical user interface, text, application, email

Description automatically generated

Step 10: You will then see the following after a brief period of time. Click “Finish”:

Graphical user interface, application

Description automatically generated

Next you will see:

Graphical user interface, text, application, email

Description automatically generated

Step 11: Select “New” in the VirtualBox Manager (see red arrow below):

Graphical user interface, text, application, email

Description automatically generated

Step 12: First enter name for the virtual machine. The “Machine Folder” is set to a default location on your laptop. Select “Linux” for Type and “Ubuntu (64-bit)” for Version. Then click Next:  
Graphical user interface, application, Word

Description automatically generated

Step 13: Choose a memory size (memory size for you to allocate to your virtual machine **has** to be less than the RAM on your host machine). Then click Next:

Graphical user interface, text, application

Description automatically generated

Step 14: Select “Create a virtual hard disk now”, then click “Create”:

Graphical user interface, text, application

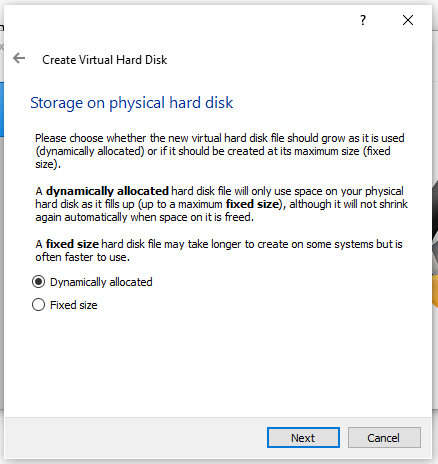
Description automatically generated

Step 15: Leave the file type as “VDI”, then select Next:

Graphical user interface, text, application

Description automatically generated

Step 16: Choose “Dynamically Allocated”, then click Next:



Step 17: You can choose a name for the virtual hard disk along with what location you want to store it. You will also choose a size of the virtual hard disk too (my recommendation is higher than 10 GB, as I set mine to 30 GB). Then click Create:

Graphical user interface, text, application, Word

Description automatically generated

What you should now see:

Graphical user interface, text, application

Description automatically generated

Step 18: Double-click on the virtual machine you see above in the right (Ours in this example is “Ubuntu VM1”). You should then see the following below. Then click on the folder icon (red arrow):

Graphical user interface, application

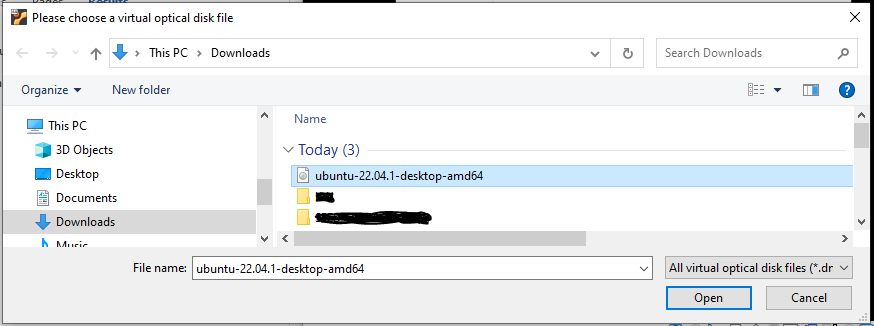
Description automatically generated

Step 19: Then click Add (top left):

Graphical user interface, application, Word

Description automatically generated

Step 20: Click on file you just downloaded, then click “Open”:



Step 21: Then click Choose:

Graphical user interface, application

Description automatically generated

Step 22: Then click Start:

Graphical user interface, application, Word

Description automatically generated

Step 23: Hit Enter:

Graphical user interface, text

Description automatically generated

Step 24: Your virtual machine will then show the following (make take awhile), where you can now click “Install Ubuntu”:

Graphical user interface, application

Description automatically generated

Step 25: You will see the “Continue” button that is cut-off in the bottom of the window below. Click that “Continue” button (red arrow below):

Graphical user interface

Description automatically generated

Step 26: Choose “Minimal installation” (or you can do “Normal installation”), and select both checkboxes for “Other options”. Then click Continue:

Graphical user interface, text, application, email

Description automatically generated

Step 27: Click “Install Now”:

Graphical user interface, text, application, email

Description automatically generated

Step 28: Then click Continue:

Graphical user interface, text, application, email

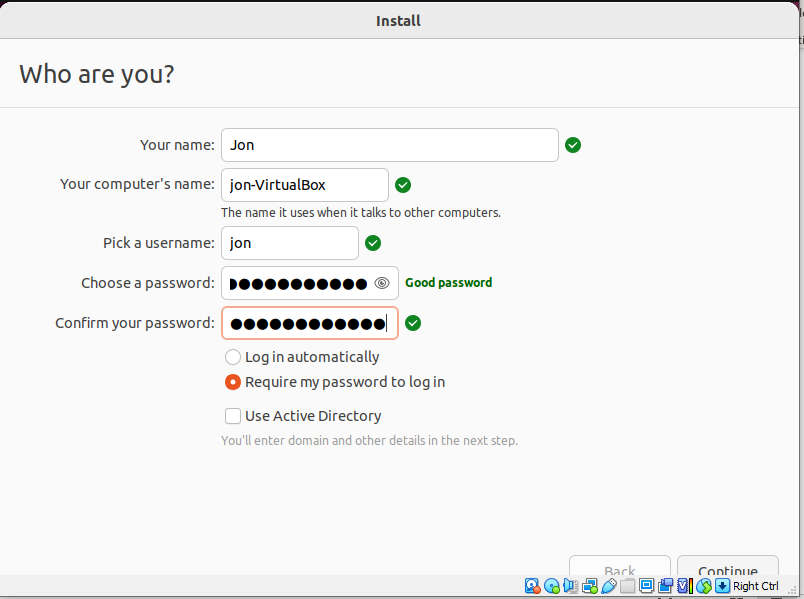
Description automatically generated

Step 29: Click Continue:

Map

Description automatically generated

Step 30: Enter your name (“Your computer’s name” and username will autopopulate. You can change both by modifying username) and also enter your password. Then click Continue. Your virtual machine will then install:

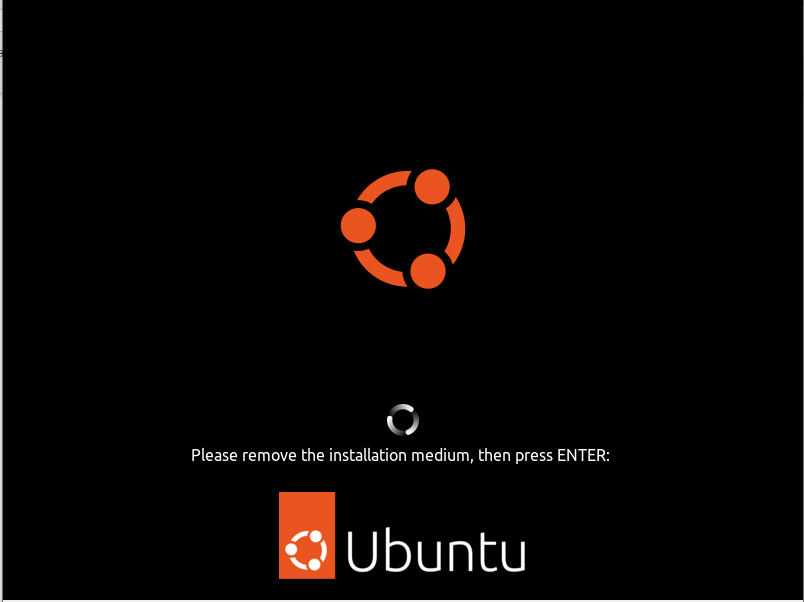


Step 31: Click “Restart Now”:

A screenshot of a computer

Description automatically generated with medium confidence

Step 32: Next click enter, and wait for your virtual machine to load:



Step 33: Click on your name, then enter your password:

A screenshot of a cell phone

Description automatically generated with medium confidence

Step 34: Once you hit enter, you will see your virtual machine is now running:

A screenshot of a computer

Description automatically generated with medium confidence

References:

<https://www.virtualbox.org/manual/ch01.html>

<https://www.wikihow.com/Install-VirtualBox>

<https://ubuntu.com/tutorials/how-to-run-ubuntu-desktop-on-a-virtual-machine-using-virtualbox#1-overview>

<https://ubuntu.com/tutorials/how-to-run-ubuntu-desktop-on-a-virtual-machine-using-virtualbox#3-install-your-image>

<https://ubuntu.com/tutorials/how-to-run-ubuntu-desktop-on-a-virtual-machine-using-virtualbox#4-changing-the-window-resolution>

<https://ubuntu.com/tutorials/install-ubuntu-desktop#4-boot-from-usb-flash-drive>

<https://ubuntu.com/tutorials/install-ubuntu-desktop#5-installation-setup>

<https://ubuntu.com/tutorials/install-ubuntu-desktop#6-drive-management>

<https://ubuntu.com/tutorials/install-ubuntu-desktop#10-complete-the-installation>

<https://blog.ldtalentwork.com/2022/02/28/how-to-fix-the-ubuntu-black-screen-issue-in-virtualbox/>