

CipherLab: PreLab Instructions

Before attending the CipherLab activity, please follow these pre-lab instructions!

You may choose to either follow the step-by-step guide below to install a pre-made virtual machine or install Python.

Set up a Linux Mint 17.3 Rosa Cinnamon Virtual Machine

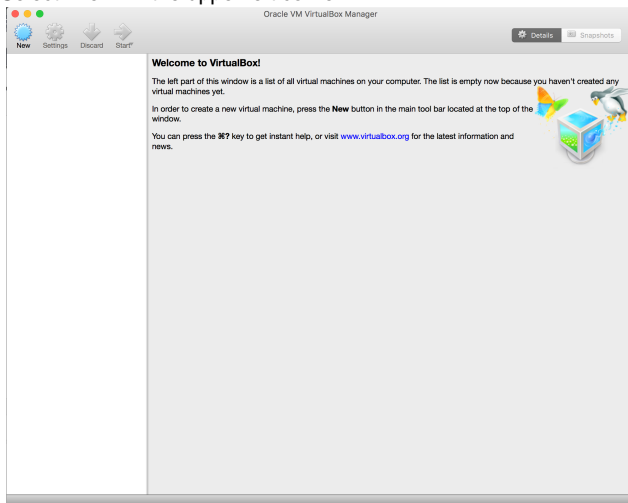
These steps will help you install all the files necessary for a pre-made [Linux Mint 17.3 "Rosa" Cinnamon](#) virtual machine.

1. Download [Virtual Box](#) onto your laptop.
2. Download the pre-made [virtual machine](#).

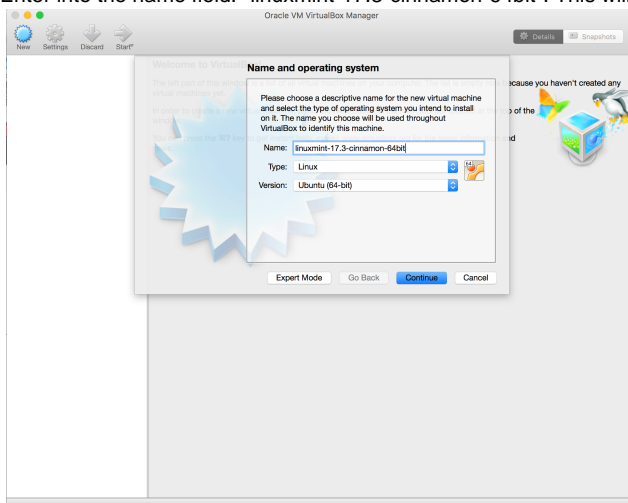
Please use the updated version (Last Modified: February 10, 19:40)

After the files have been installed, follow these instructions to create and run the virtual machine.

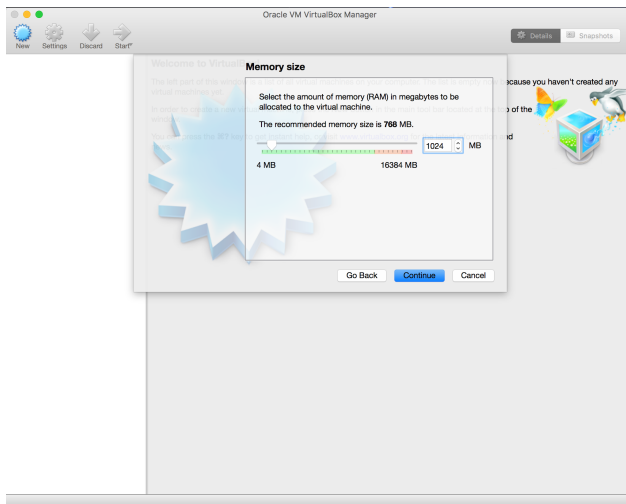
1. Extract the file "linuxmint-17.3-cinnamon-64bit.zip".
2. Open VirtualBox.
3. Select "New" in the upper left corner.



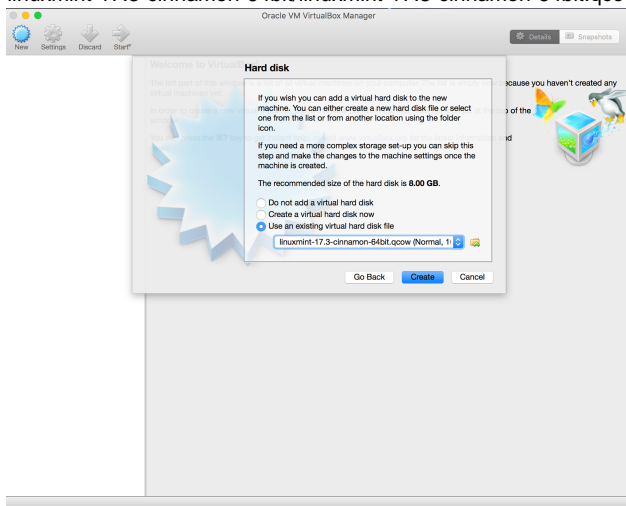
4. Enter into the name field: "linuxmint-17.3-cinnamon-64bit". This will automatically change the type and version fields. Select Continue.



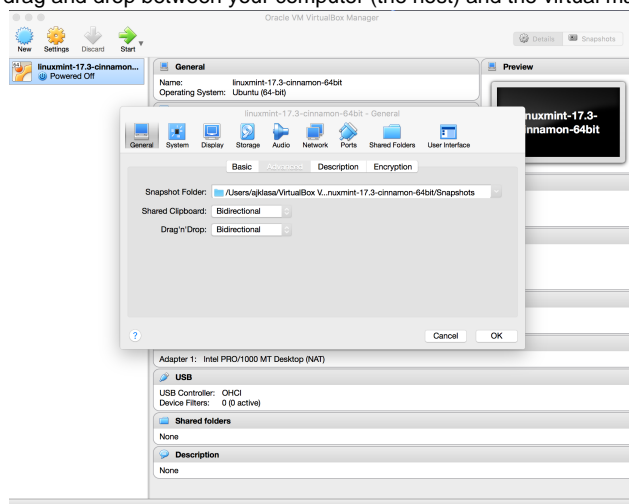
5. Enter a RAM size (for example, 1024MB).



6. Select "Use an existing virtual hard disk file". Select the folder icon and navigate to location where the file was extracted. Select the file "linuxmint-17.3-cinnamon-64bit/linuxmint-17.3-cinnamon-64bit.qcow". Click Create.



7. Optional Changes:
 - a. Select the VM and select Settings.
 - b. Select Advanced. Change "Shared Clipboard" and "Drag'n'Drop" to "Bidirectional". This will allow you to copy and paste, and drag and drop between your computer (the host) and the virtual machine (the guest).



- c. To save the changes, select Ok.

To run the virtual machine:

1. Select the virtual machine.
2. Select Start.
3. Enter the default username: "cerias" and password "cerias"

4. Change the default password

You are now able to use your Linux Mint 17.3 "Rosa" Cinnamon virtual machine!

