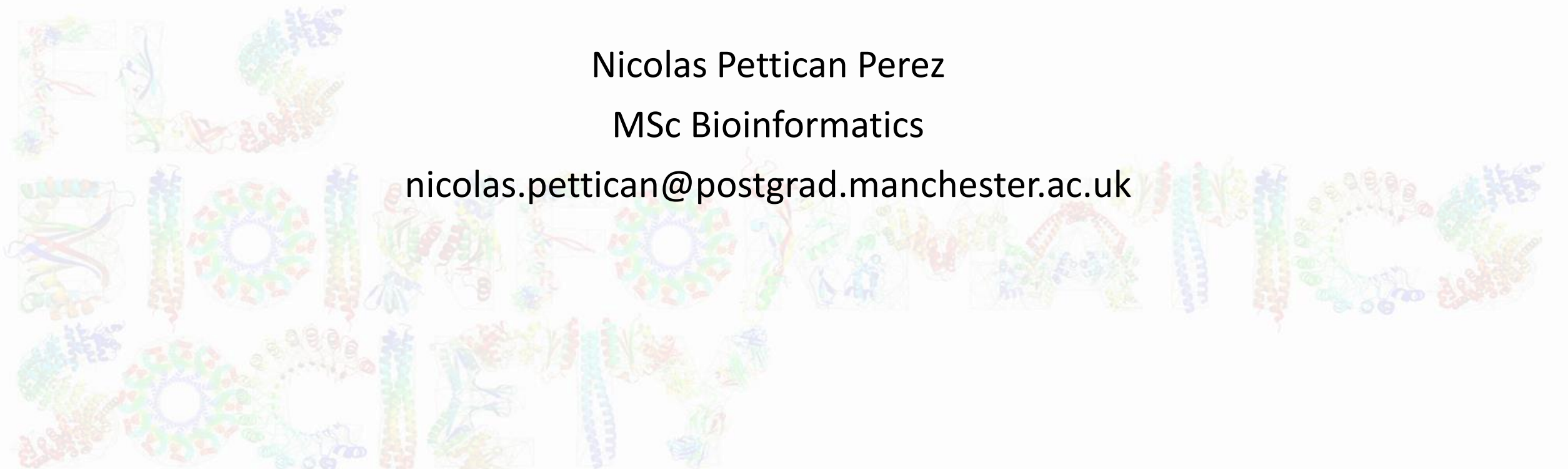


# How to install Linux using Virtual Box on Windows

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# Download Virtual Box and the Linux iso image



- **Virtual Box:**

- Download the Virtual Box for windows from:

<http://download.virtualbox.org/virtualbox/5.0.10/VirtualBox-5.0.10-104061-Win.exe>

- **Linux Mint**

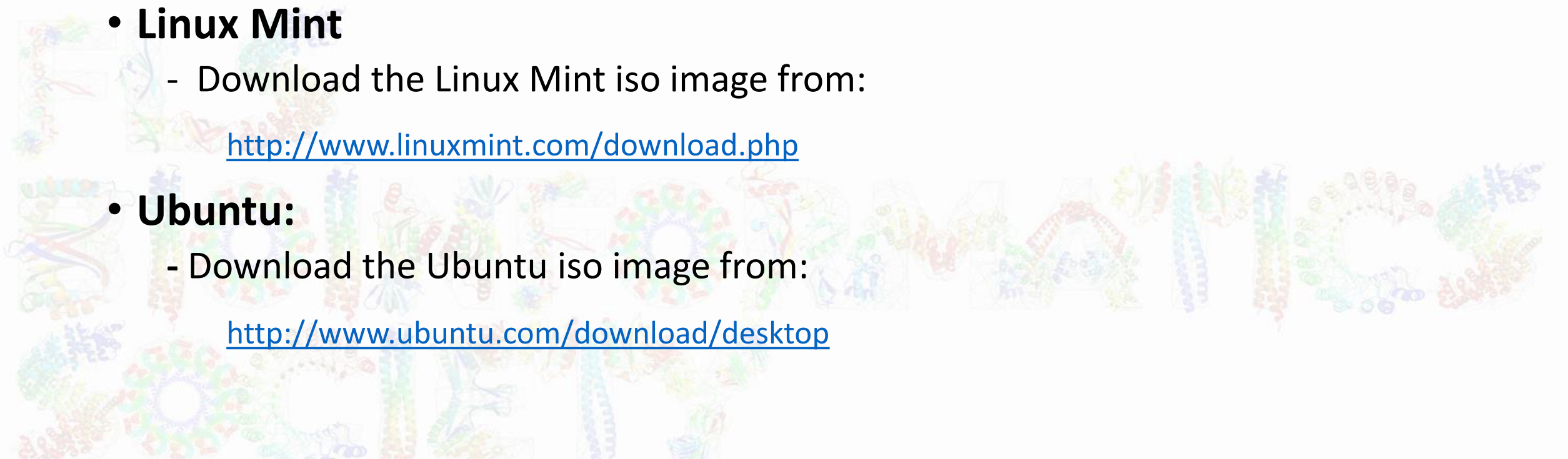
- Download the Linux Mint iso image from:

<http://www.linuxmint.com/download.php>

- **Ubuntu:**

- Download the Ubuntu iso image from:

<http://www.ubuntu.com/download/desktop>

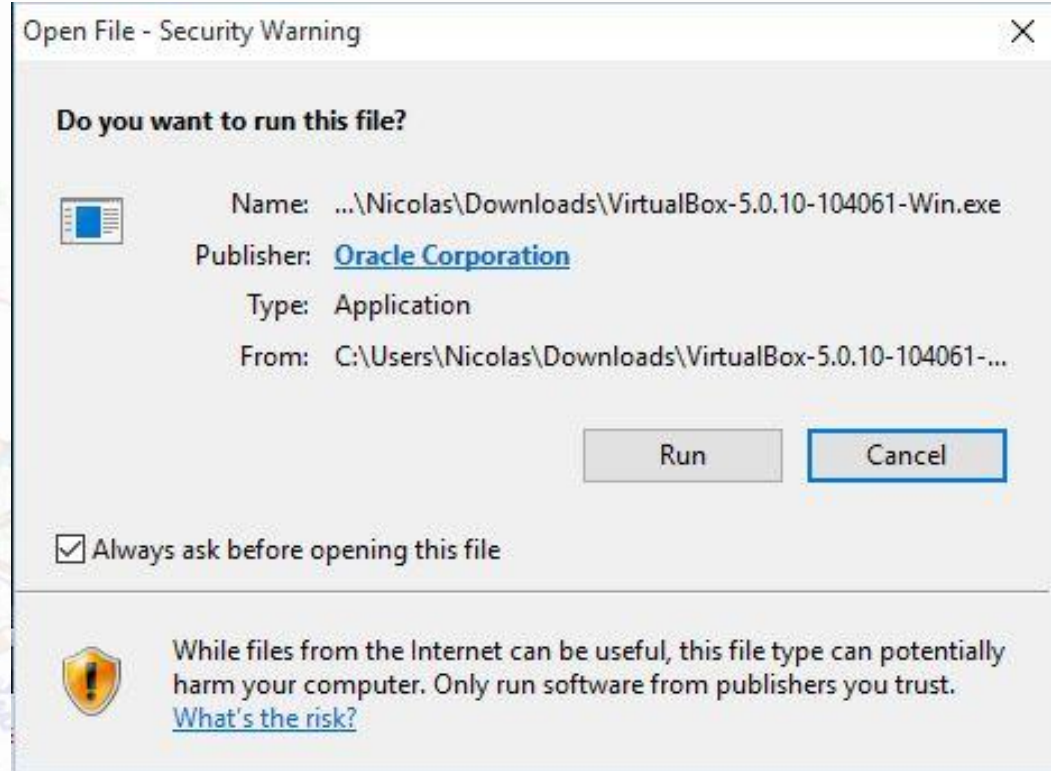


# Enable “Intel Virtualisation Technology” in BIOS

- **Restart your Windows and enter BIOS.**
  - There should be a message on start-up saying:  
“press F(something) key to enter set-up”.
  - Once in set-up menu enter BIOS settings.
  - Search for “Intel Virtualisation Technology”.
  - It may be in advanced features / configuration or security.
  - **Enable it.**
  - Exit BIOS and reboot the PC.

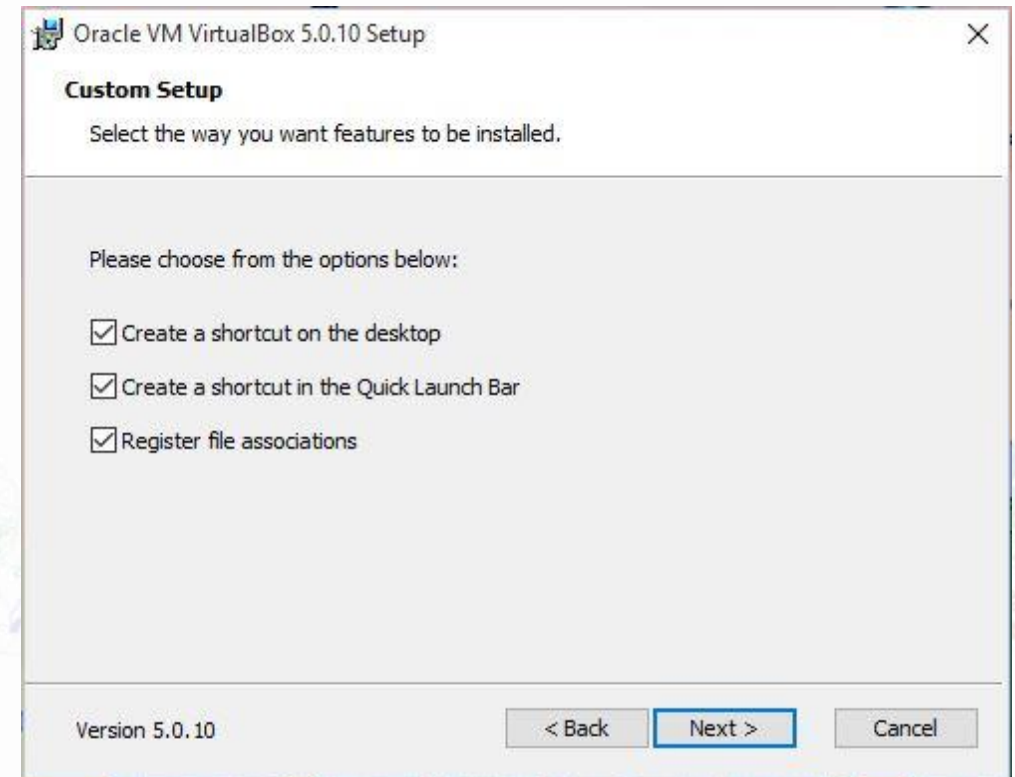
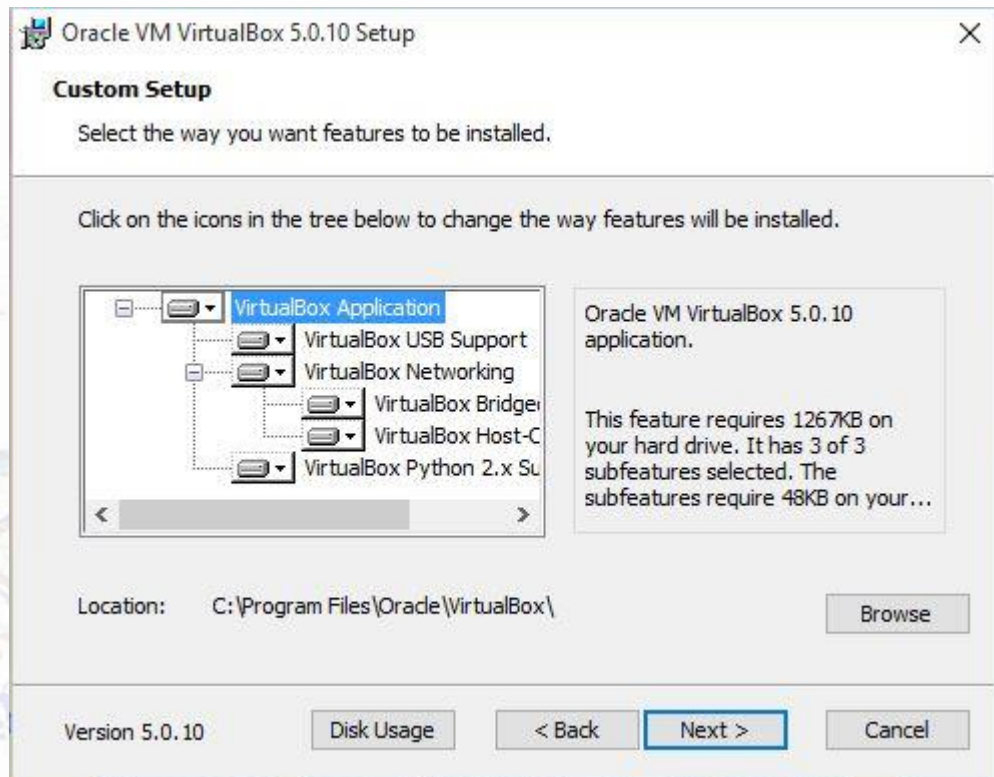
# Install Virtual Box

- Go to where you saved the Virtual Box .exe file and double click.
- Click “Run” and this should appear. Click “Next”.



# Install Virtual Box

- Click “Next” on the following two slides.



# Install Virtual Box

- Click “Yes”.

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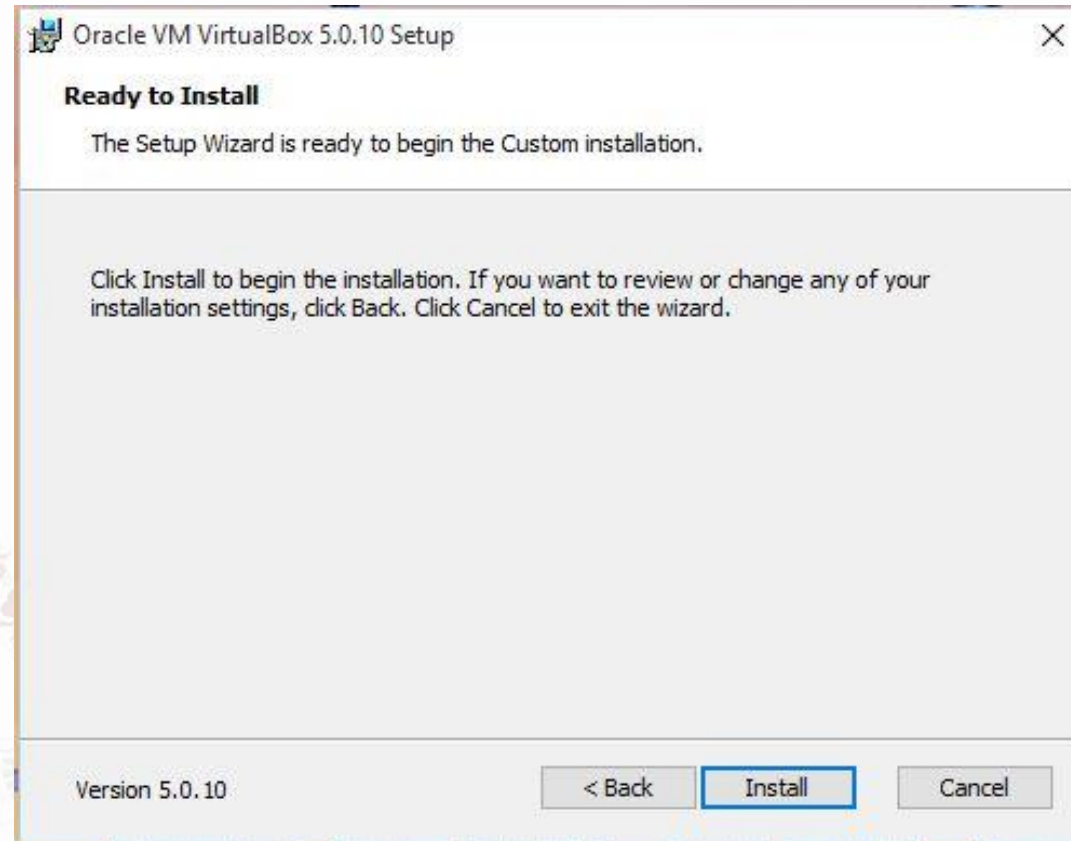


# Install Virtual Box

- Click “Install”.

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# Install Virtual Box

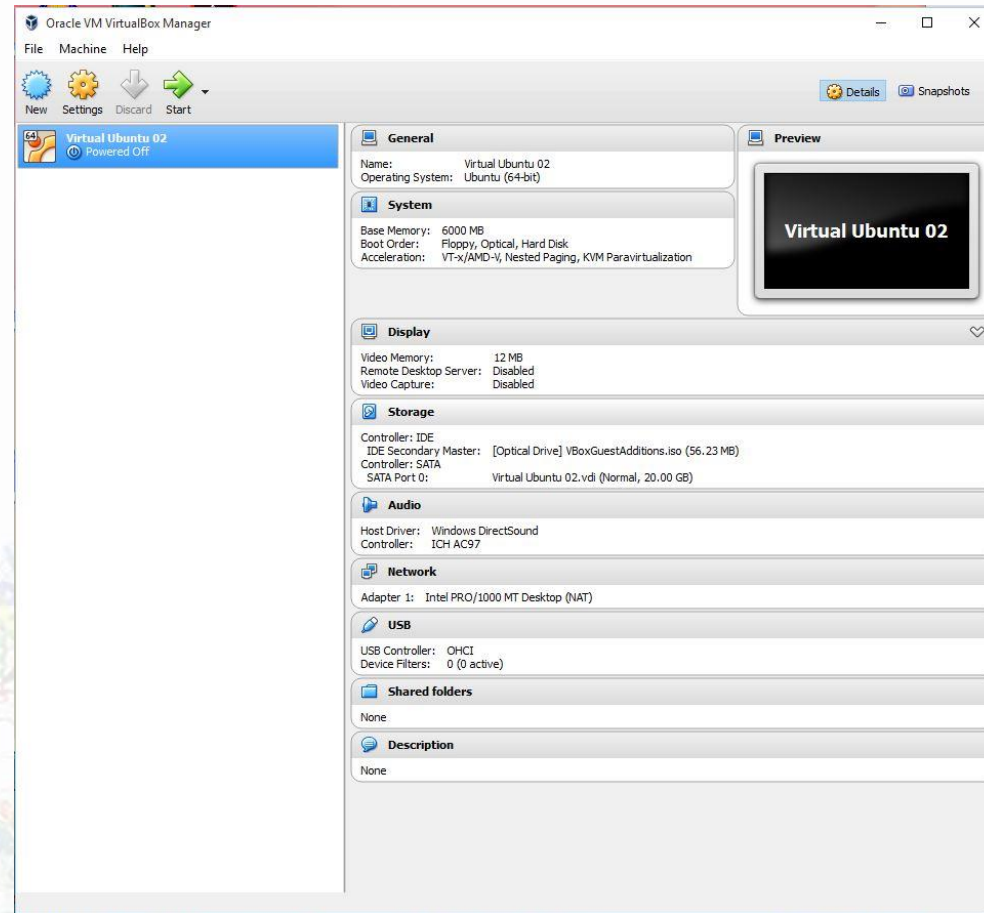
- When prompted to allow to install on your computer, click yes.
- When asked “install this device software?” check the box and select “Install”.
- Finally, check the box to start Virtual Box and click “Finish”.





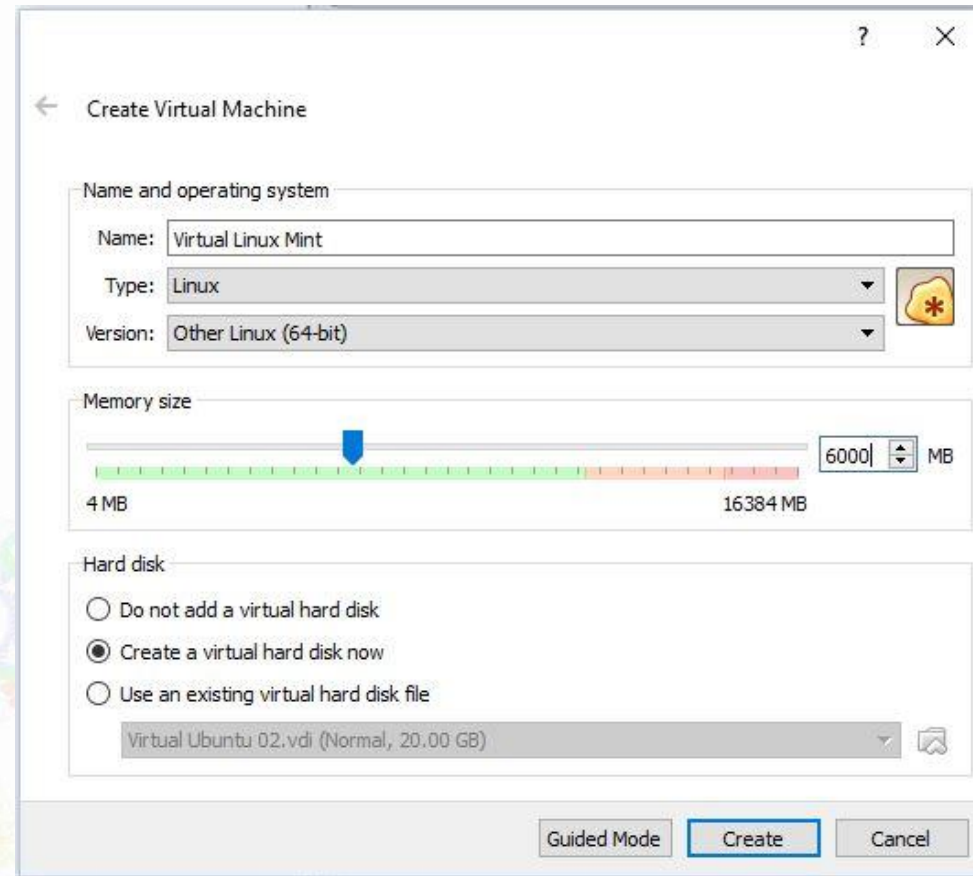
# Creating Virtual Hard-Drive with Virtual Box

- Click “New”.



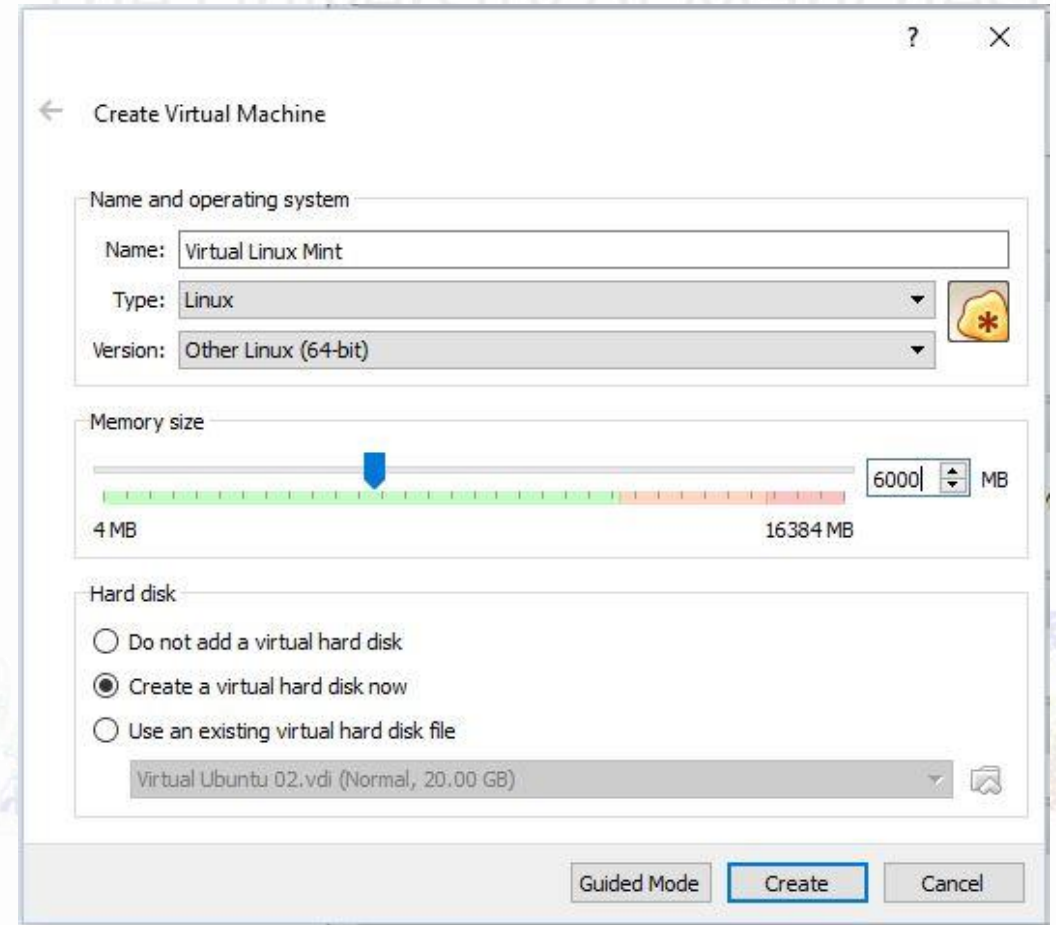
# Creating Virtual Hard-Drive with Virtual Box

- Give the virtual disk a name (e.g. Virtual Linux or Virtual Ubuntu).
- Make sure Linux is selected for “Type”.
- Make sure you select the correct “Version”.



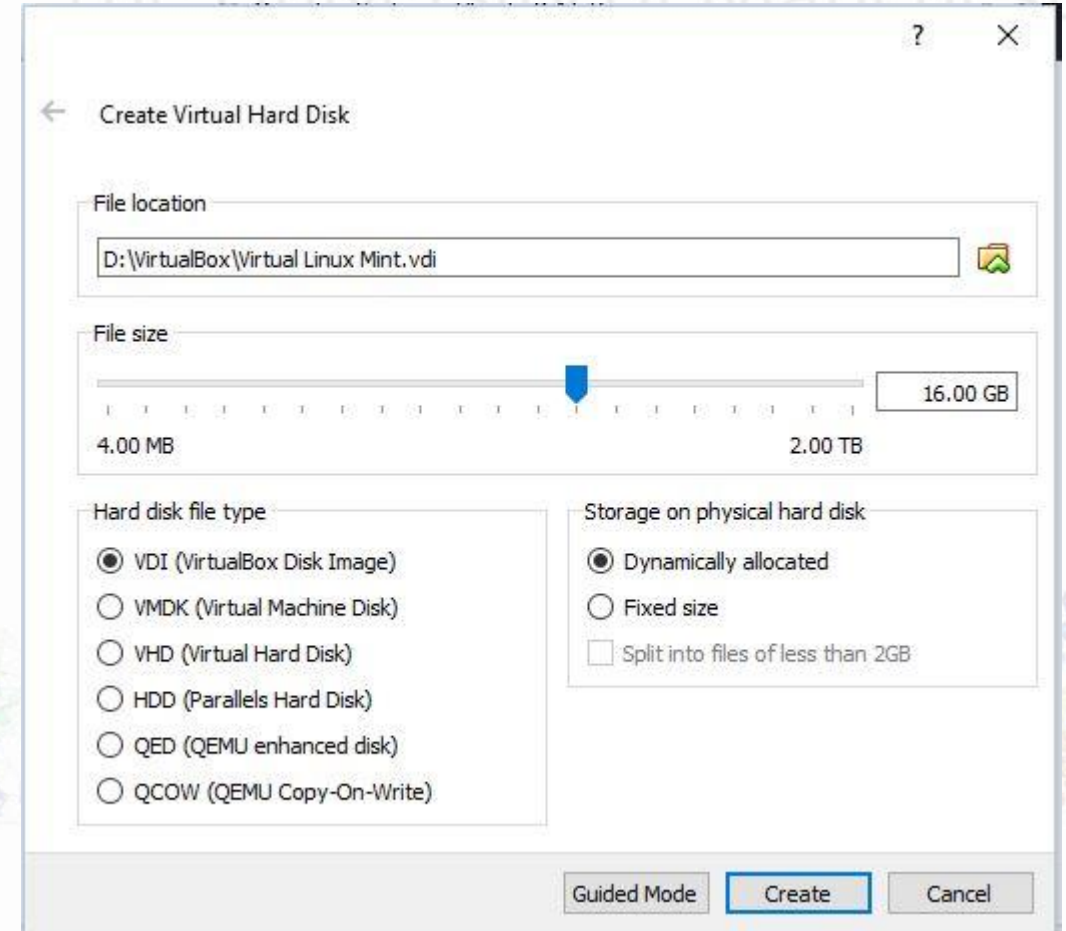
# Creating Virtual Hard-Drive with Virtual Box

- For memory size I recommend a minimum of 2GB. Although if you only have 2GB on your PC then select 1GB.
- Do not set the memory to the maximum on your system.
- Click “Create”.



# Creating Virtual Hard-Drive with Virtual Box

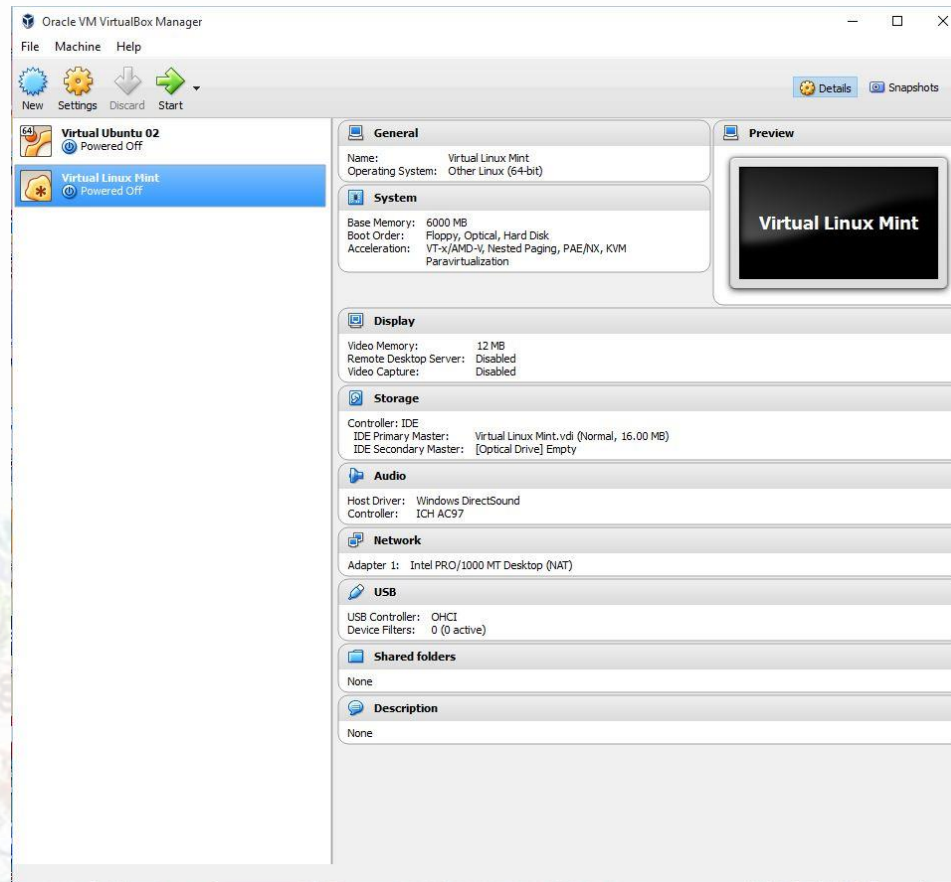
- Create a virtual hard drive by selecting the hard drive and folder, and select the size (a minimum of 10GB).
- Select VDI.
- Select “Dynamically allocated”.
- Click “Create”.



# Installing Linux on Virtual Hard Drive

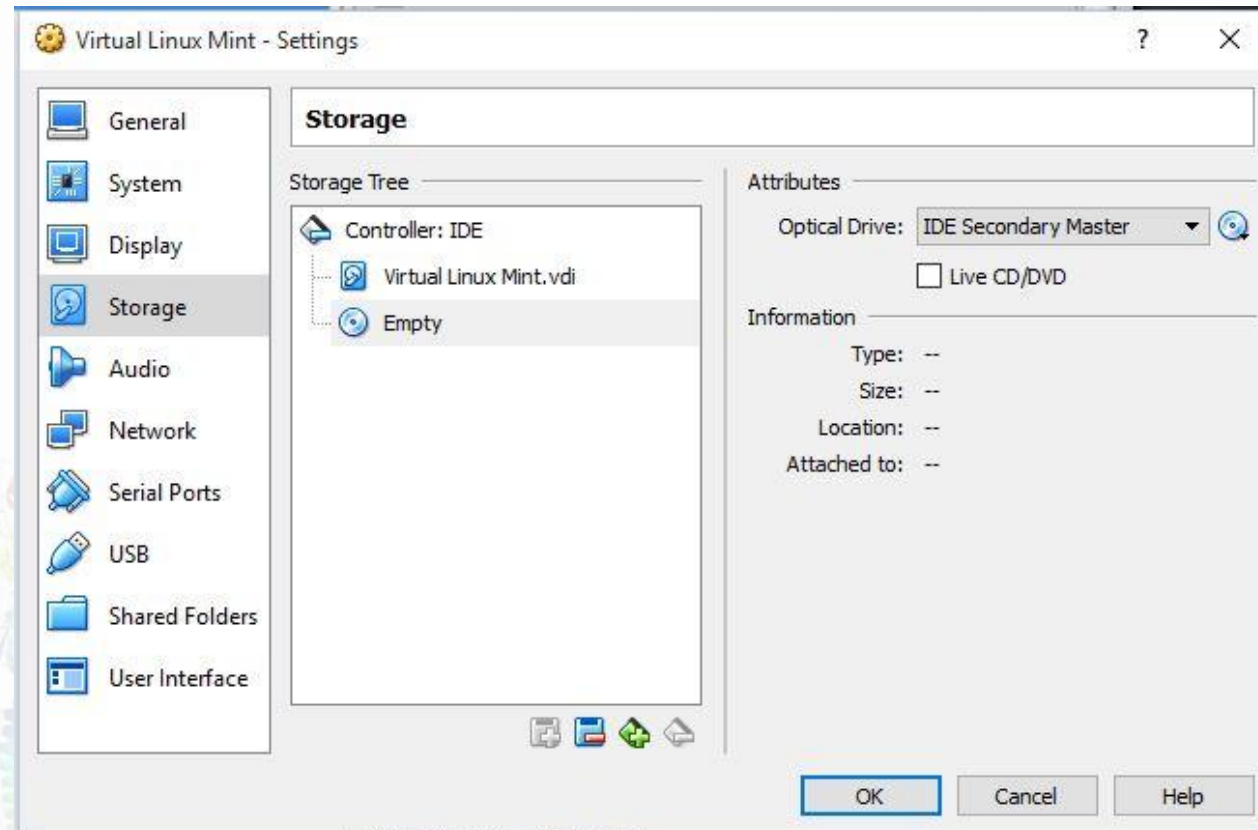
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- Select your “Virtual Linux” and click on “Settings”.



# Installing Linux on Virtual Hard Drive

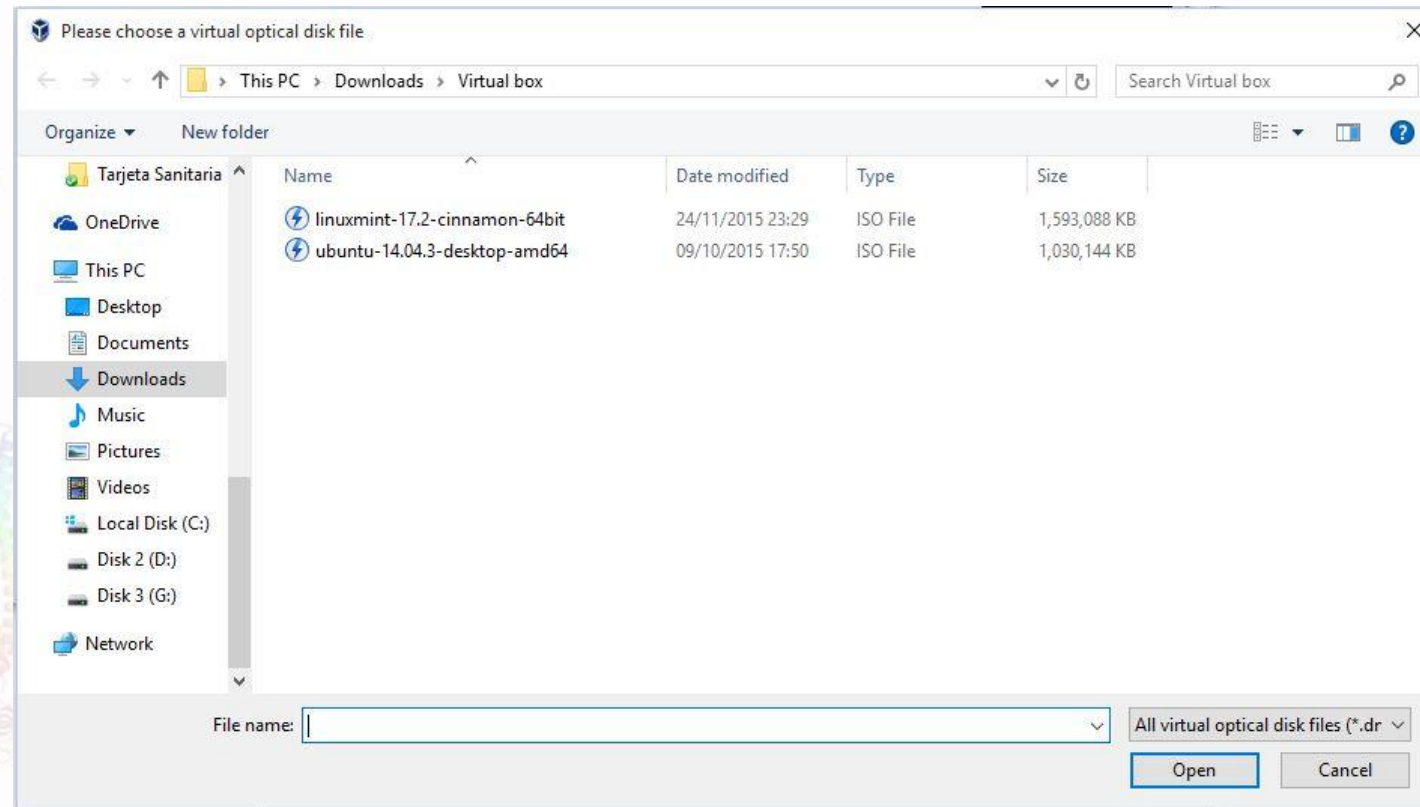
- Click on Storage, click Empty and then click on the small CD icon on the far right. Click “Choose a virtual CD/DVD disk file...”



# Installing Linux on Virtual Hard Drive

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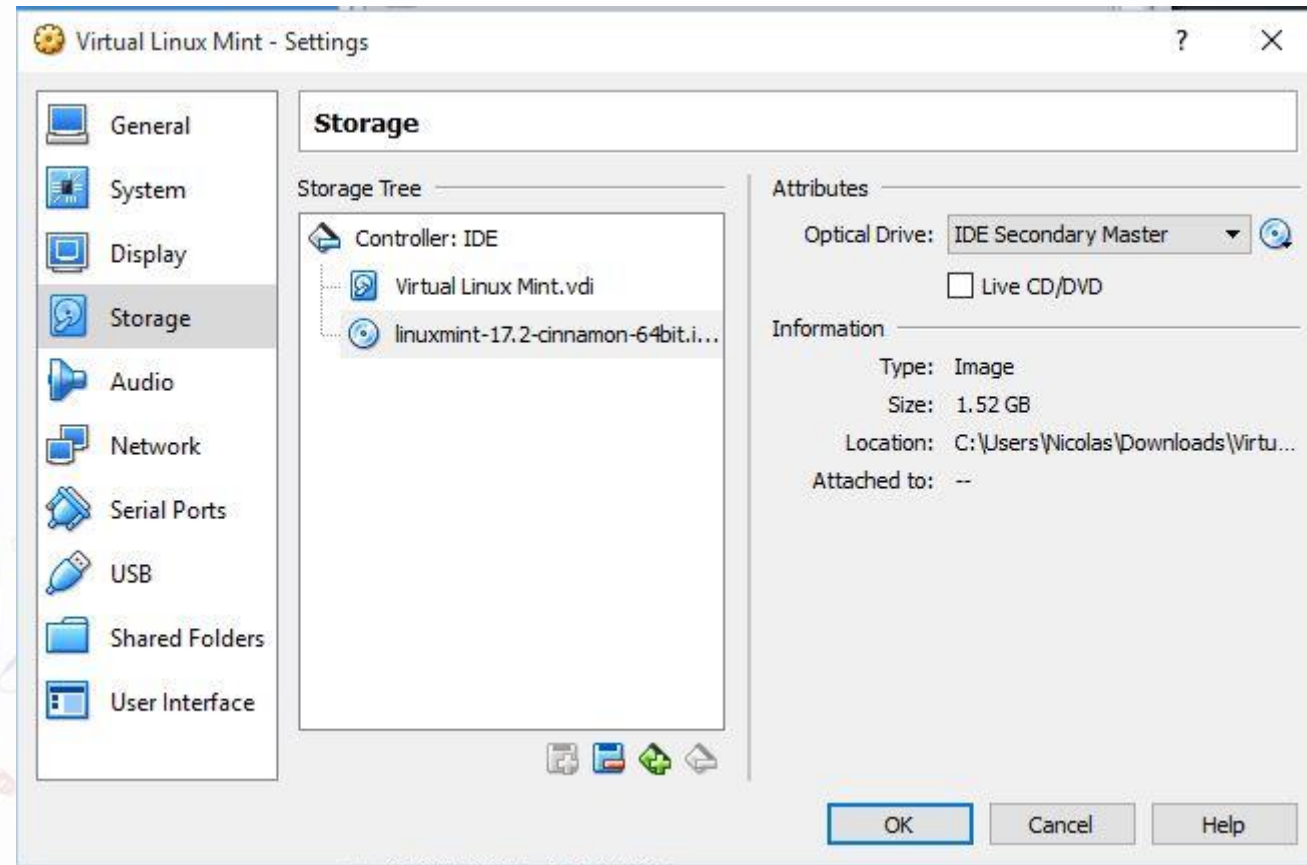
- Navigate to where you downloaded the iso image. Select it and “Open”.



# Installing Linux on Virtual Hard Drive

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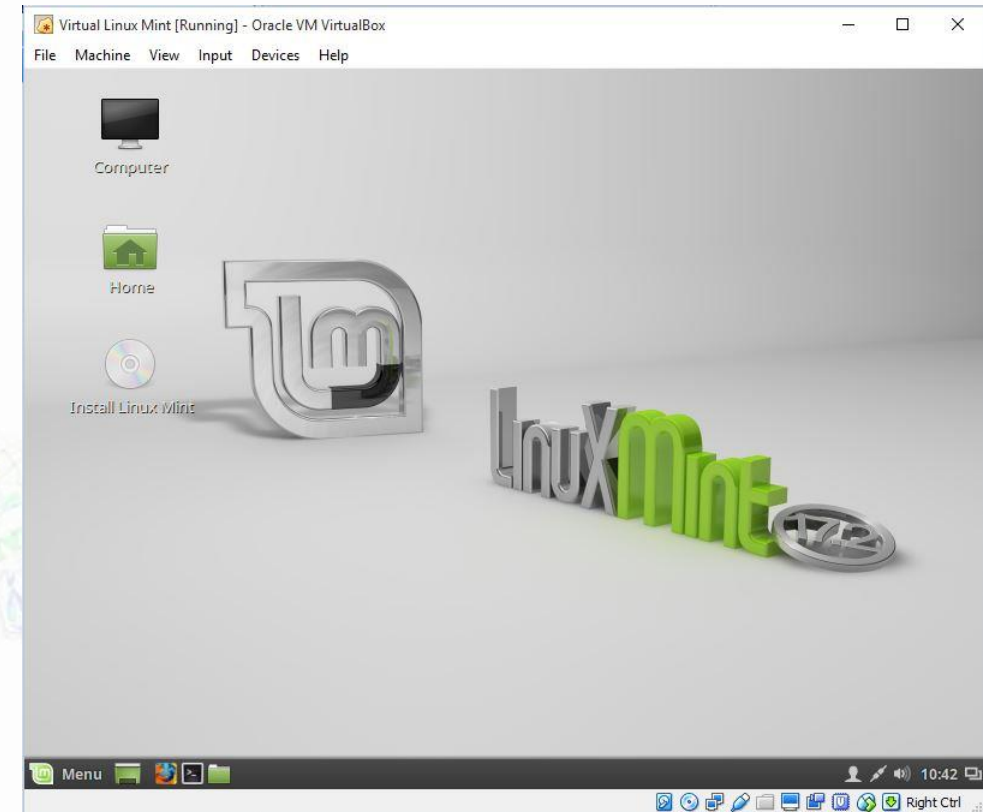
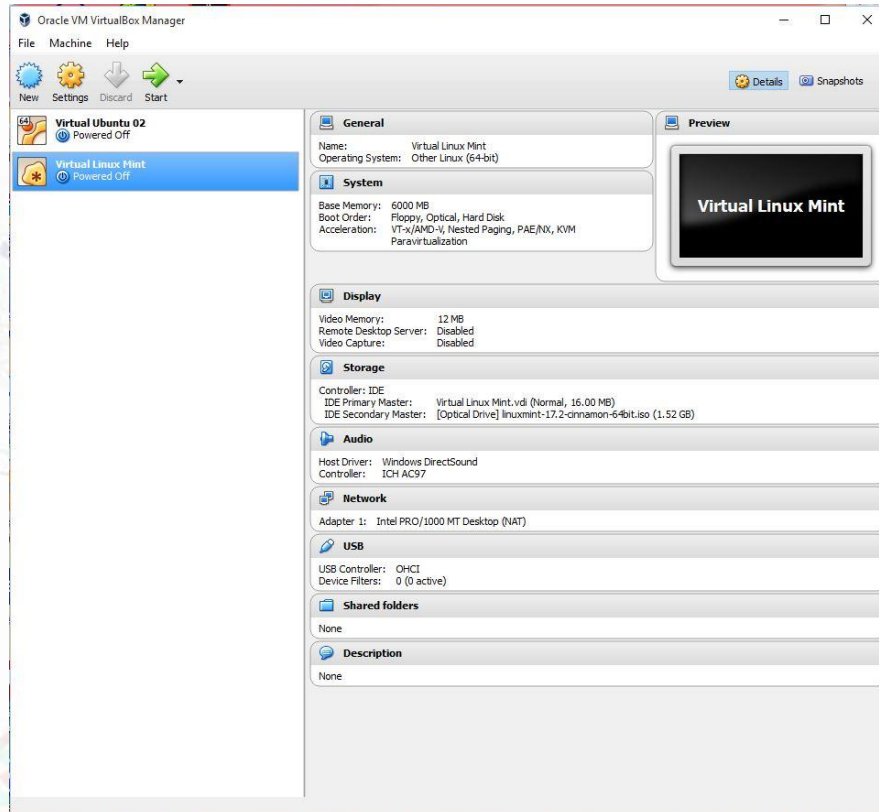
- Make sure the iso is listed under “Controller: IDE” and click OK.





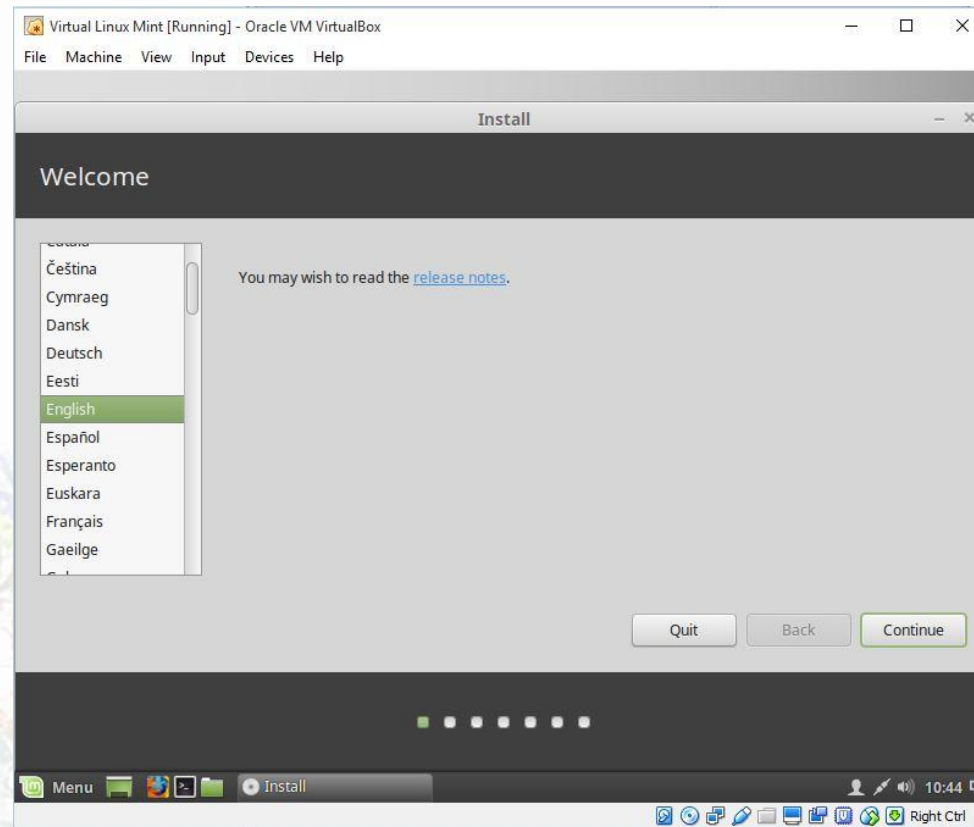
# Installing Linux on Virtual Hard Drive

- Click “Start”.
- After a few minutes this should appear (right hand image).



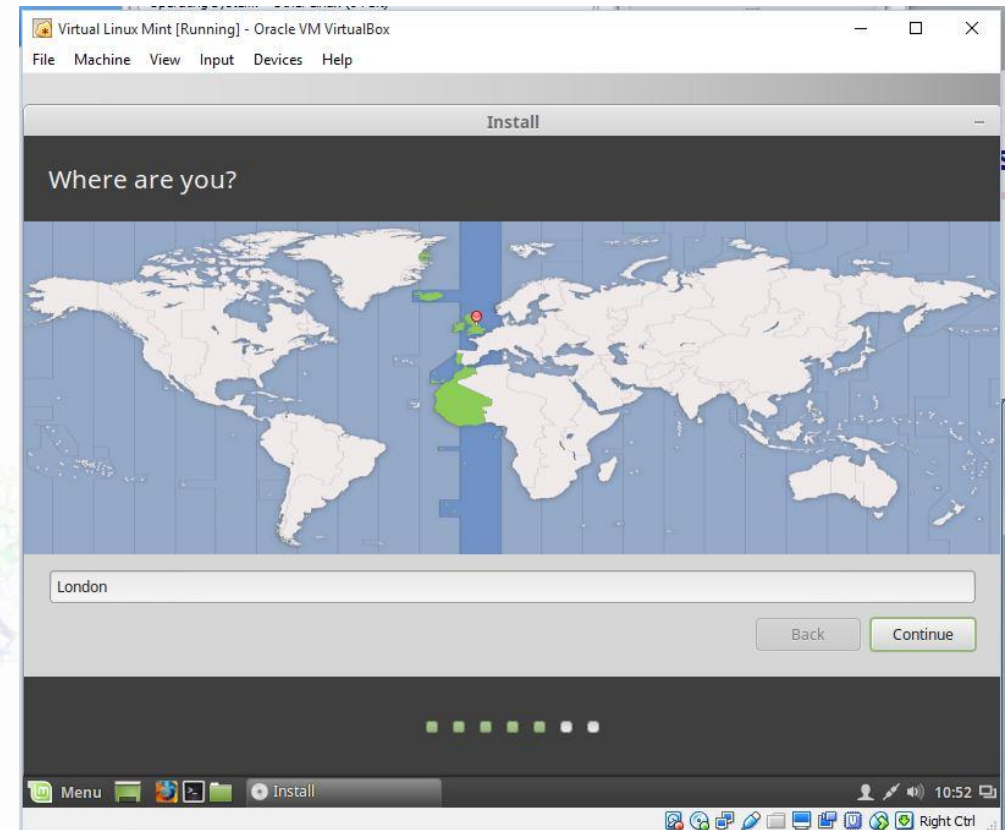
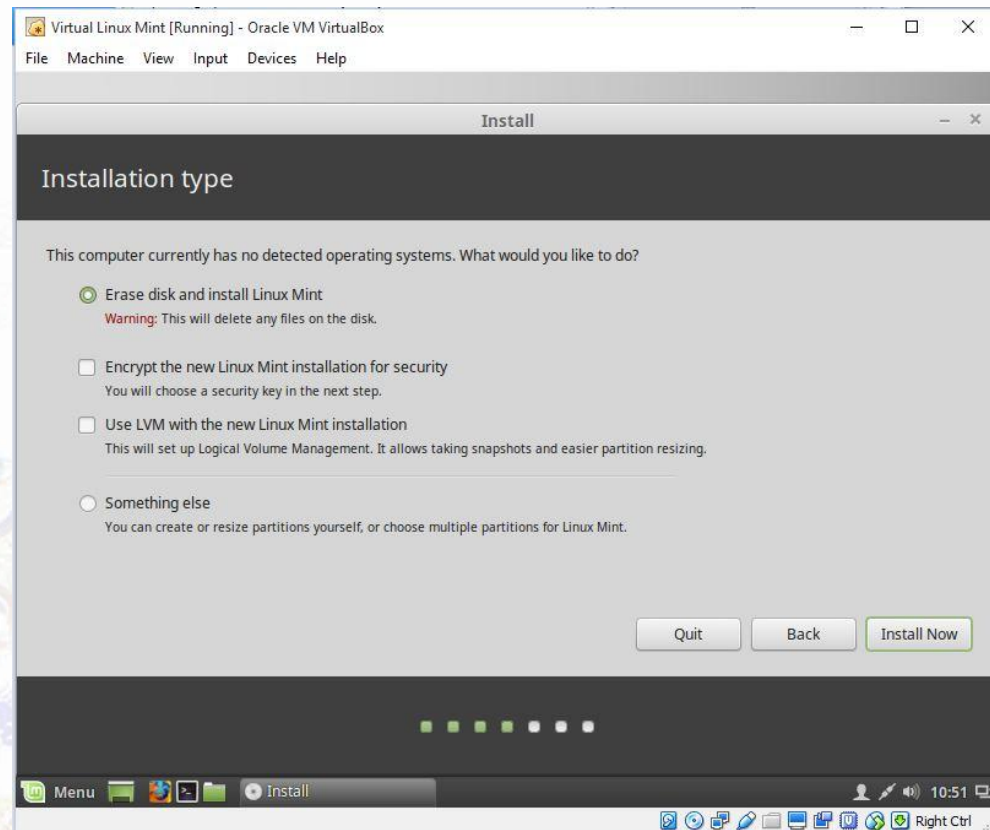
# Installing Linux on Virtual Hard Drive

- Double click on “Install Linux Mint” or “Install Ubuntu”.
- Make sure you are connected to the internet.



# Installing Linux on Virtual Hard Drive

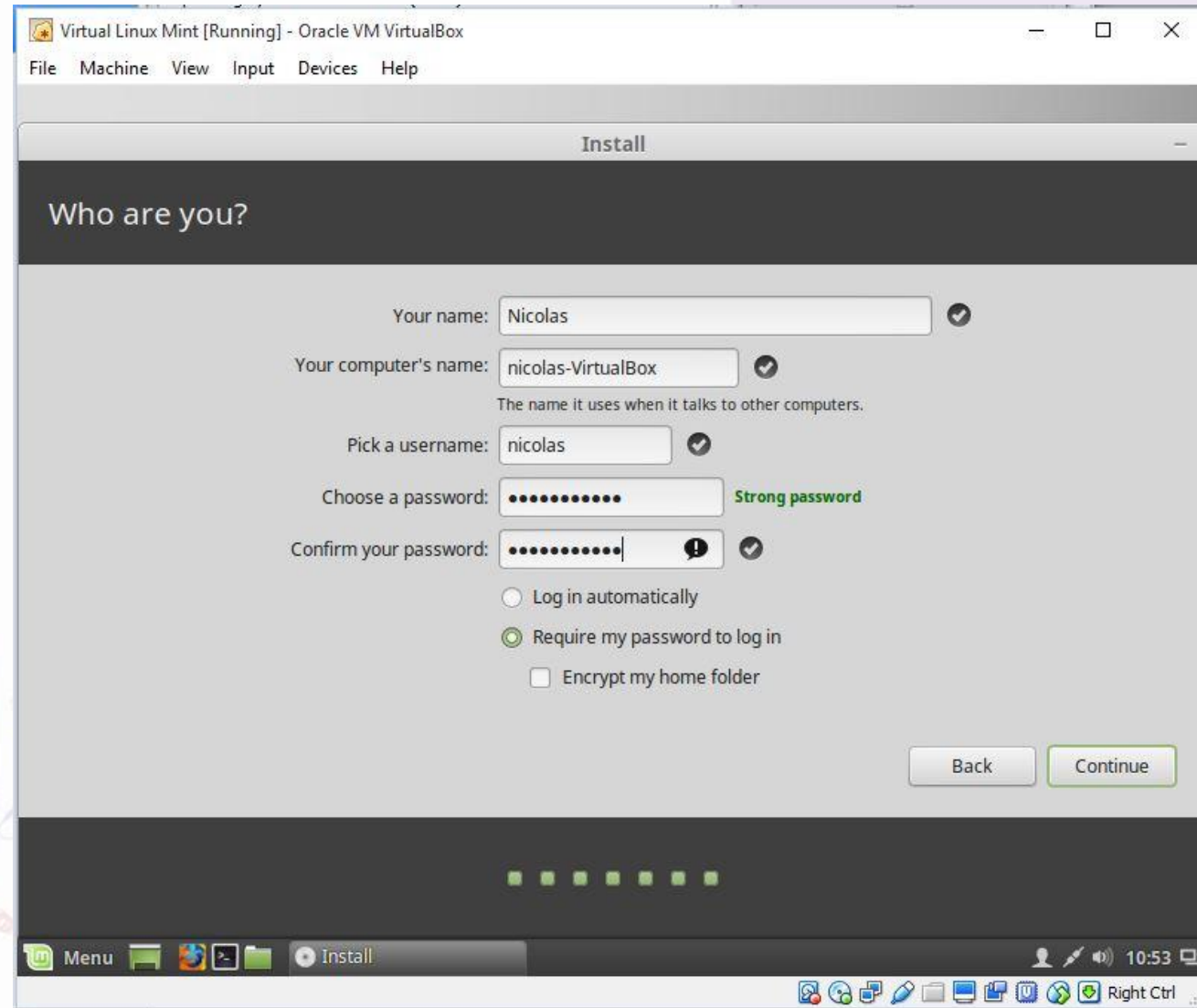
- Check the box to “Erase disk and install Linux Mint/Ubuntu. Install.”
- Select London for the location and click “Continue”.



# Installing Linux on Virtual Hard Drive

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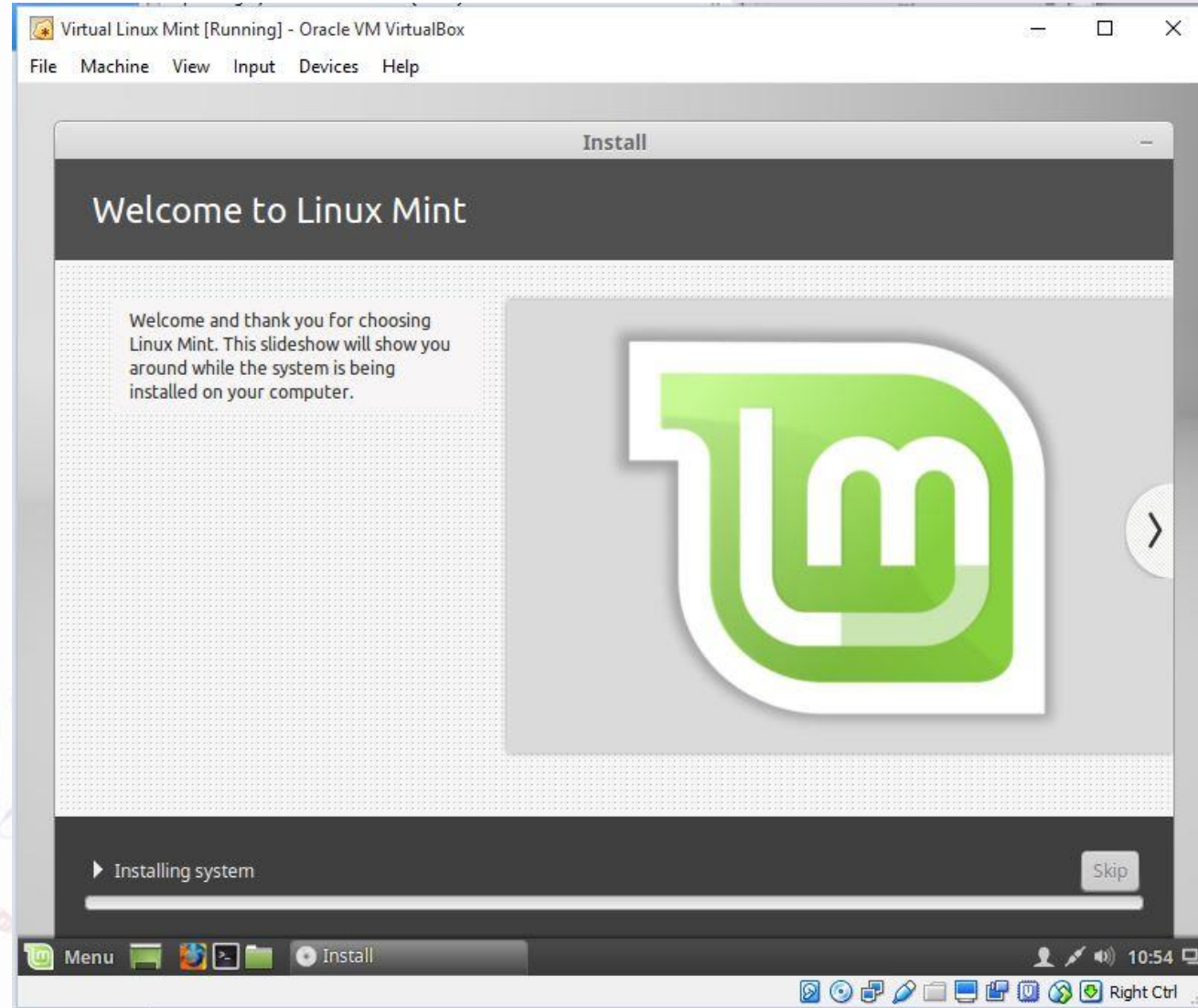
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# Installing Linux on Virtual Hard Drive

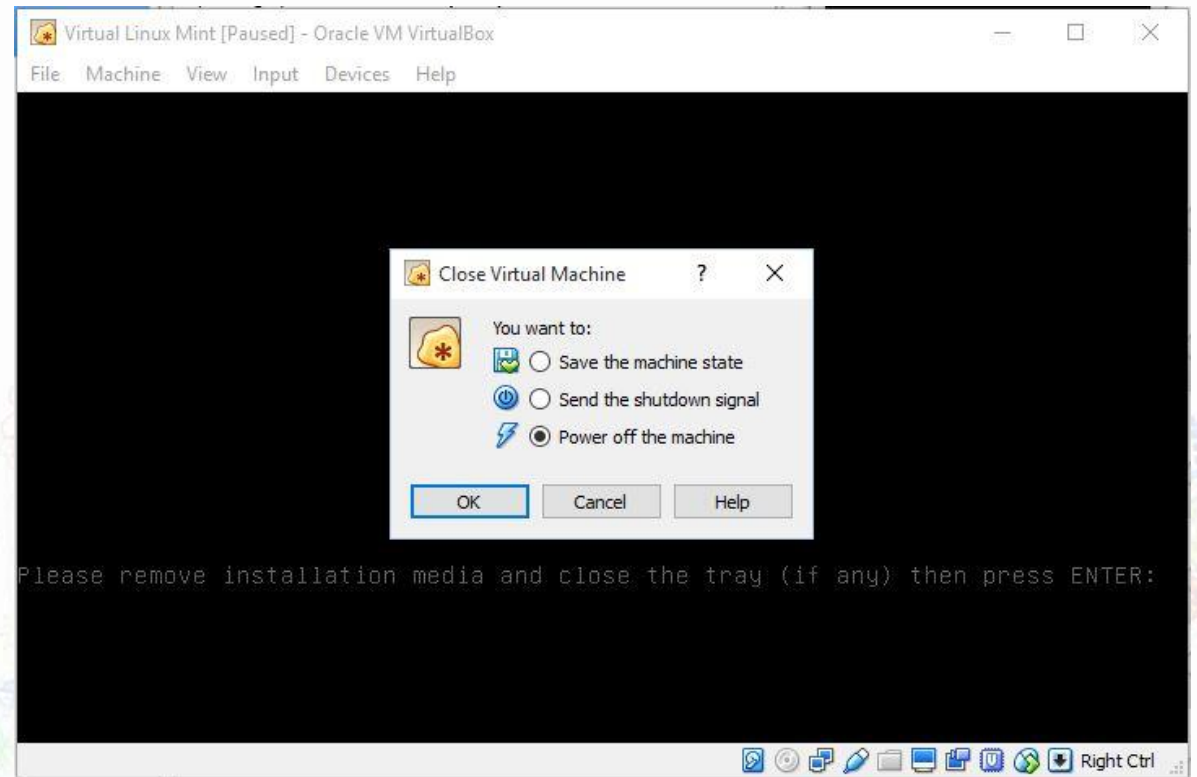
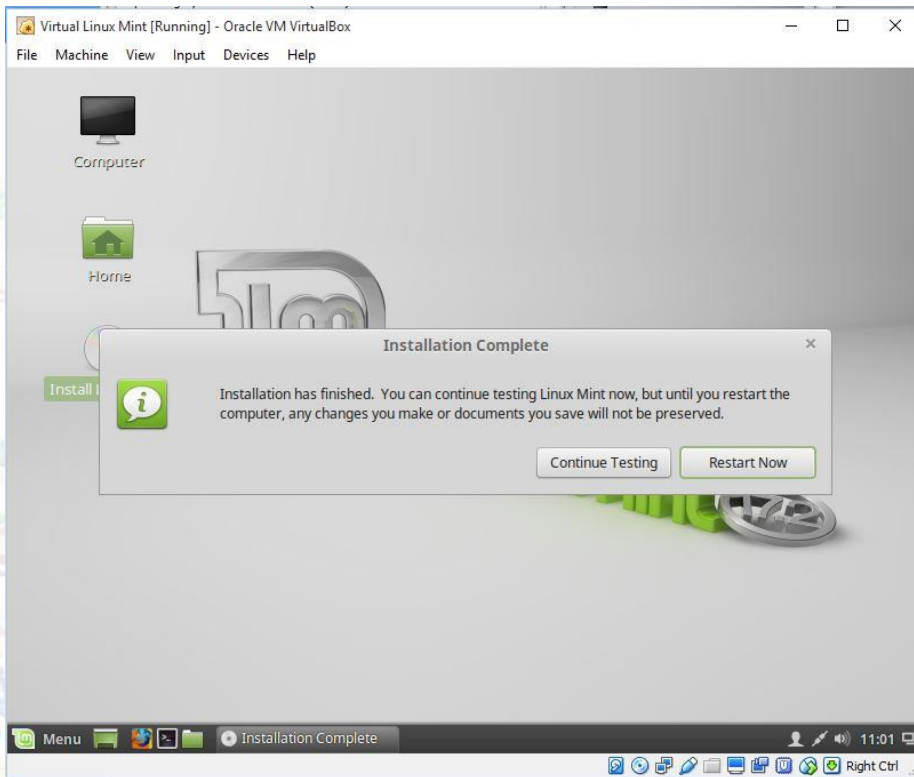
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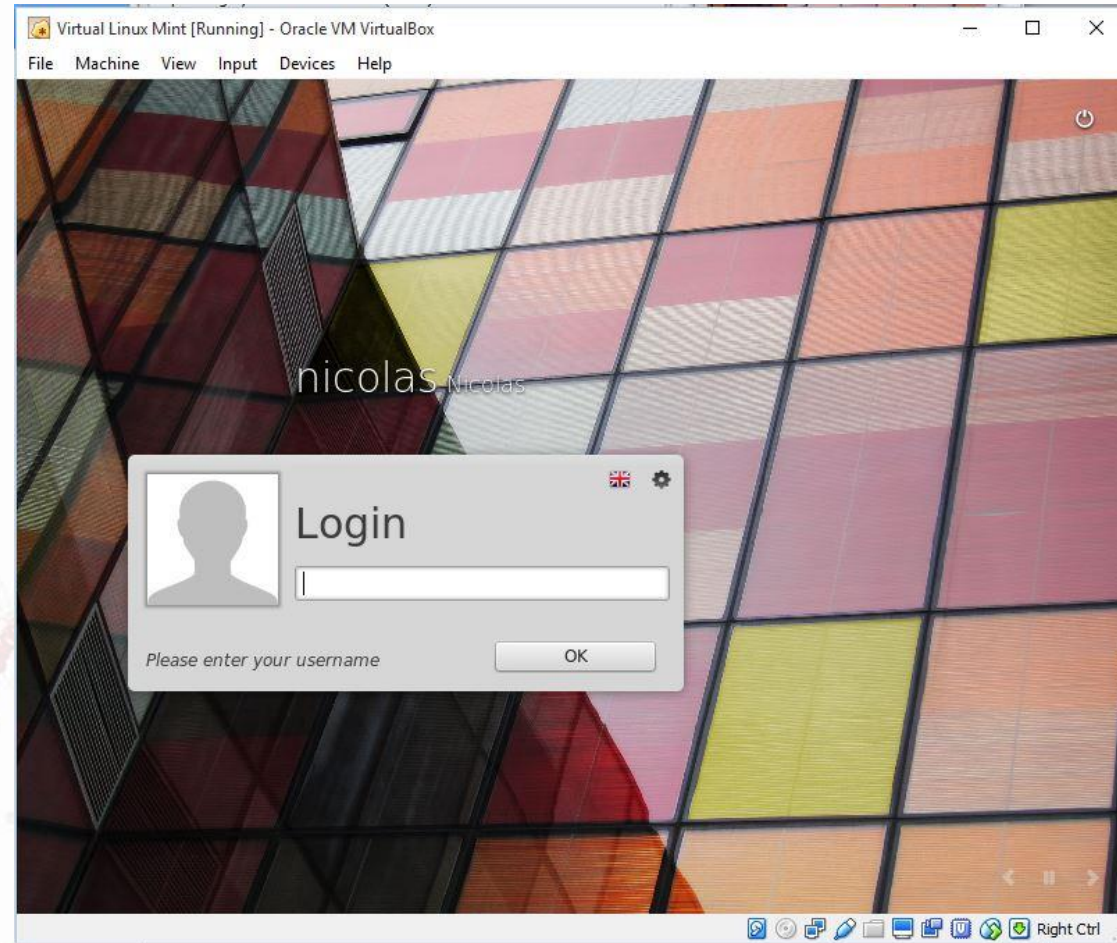
# Installing Linux on Virtual Hard Drive

- Once it finishes click “Restart Now”.
- You might have to click the X on the top right and select “Power off”.



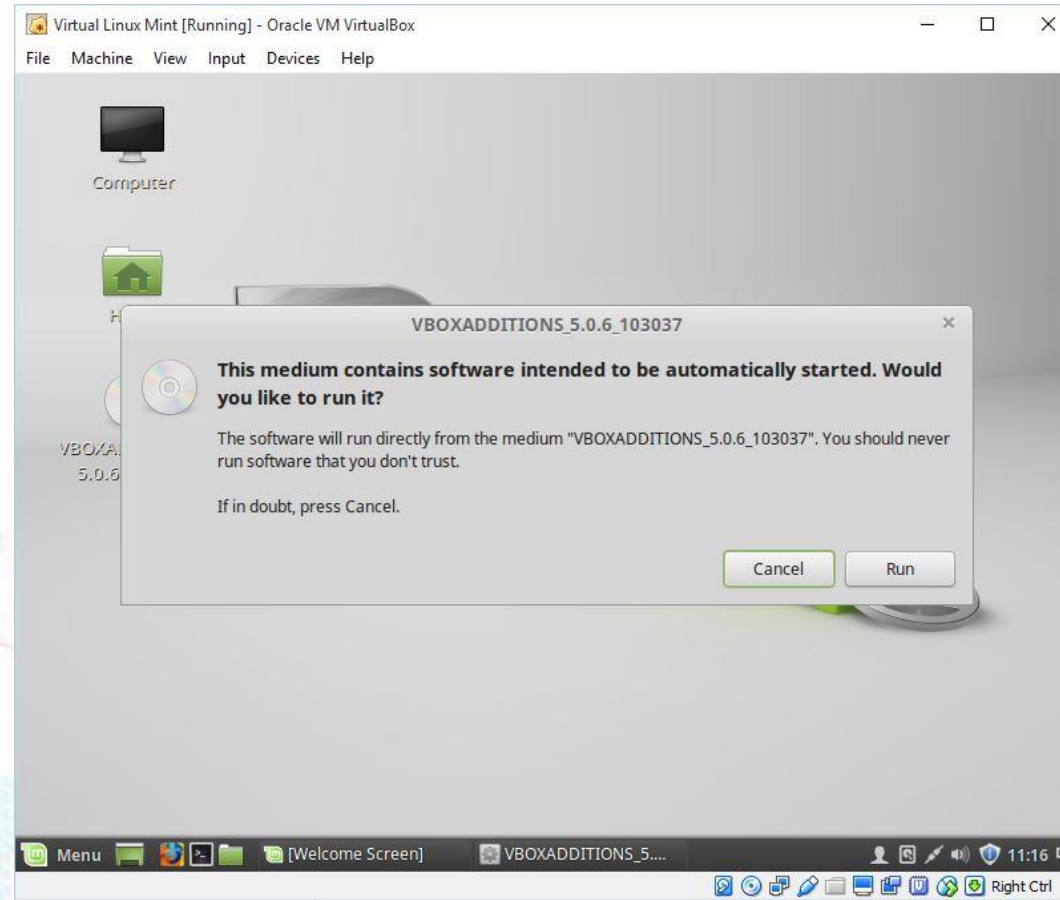
# Starting Linux on the Virtual Box

- Click “Start” again.



# Install Extra Features

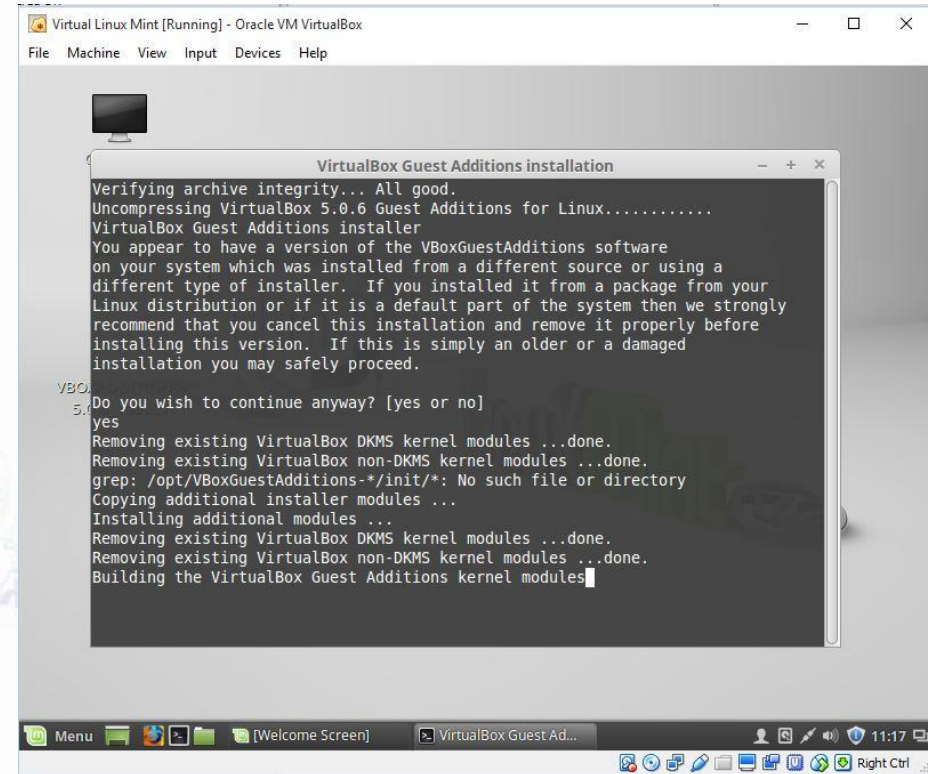
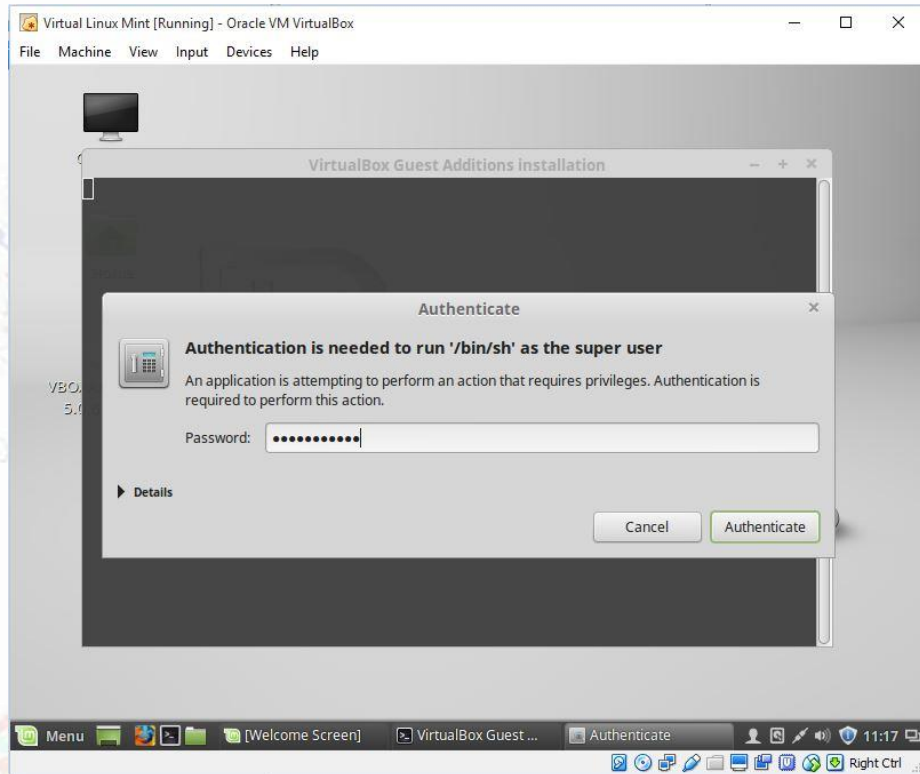
- To enable full screen click “Devices” and select “Insert Guest Additions CD image”.
- Click “Run”.





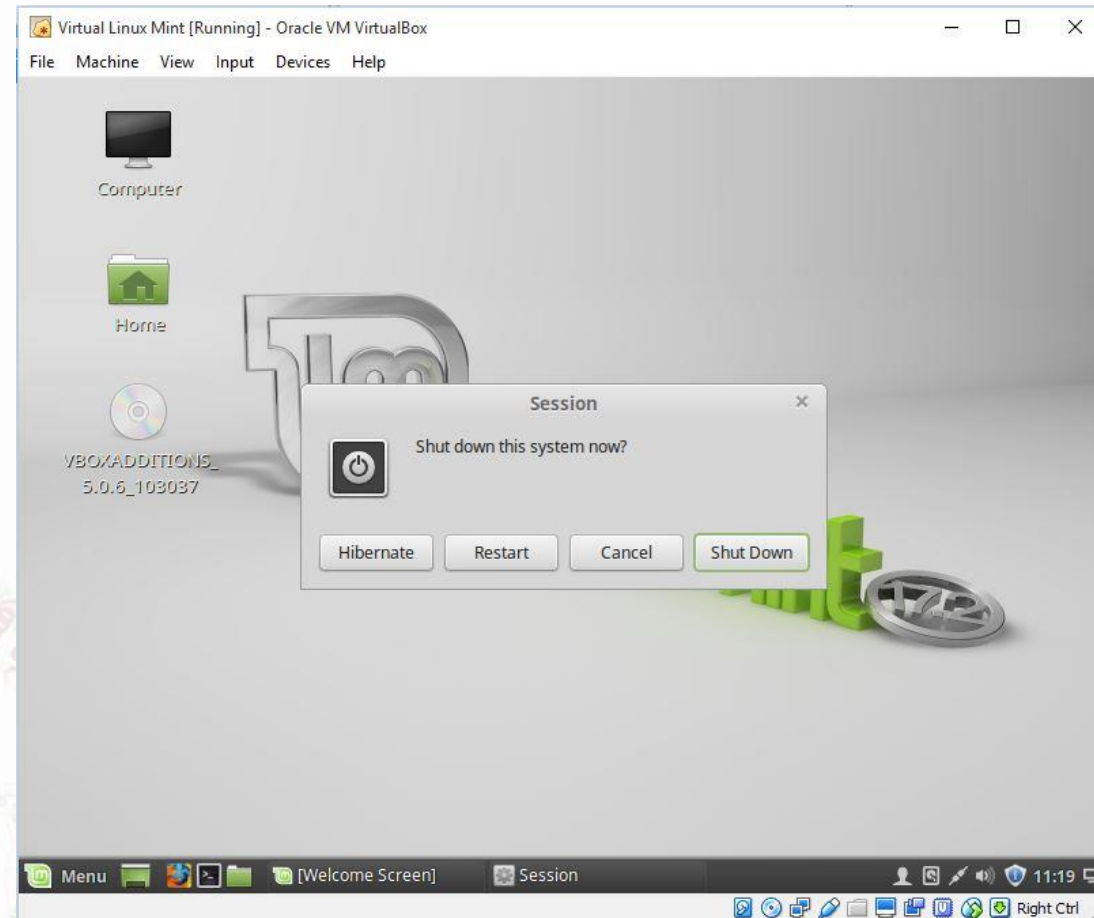
# Install Extra Features

- Enter your password when prompted
- When finished hit Return.





# Install Extra Features

- Select Shutdown to finalise all the additional features.





 nicolas Nicolas  ct

*Please enter your password*

# Done!

- An extra tip: by hitting **right Ctrl + F** you can make it completely full screen.
- To close everything down just shut down Linux from the power icon and the window will close automatically and then you can close Virtual Box.
- Have fun!

