

Downloading and Installing Oracle VM VirtualBox:

1. Click the following link and download the correct version for your operating system.

<https://www.virtualbox.org/wiki/Downloads>

Click [here](#) for a list of all the supported host operating systems.

2. Double-click the setup file that you downloaded in the previous step and follow the prompts to install.

Note: During the installation, keep all of the options set to default.

** For more detailed instructions on downloading and installing the VirtualBox, take a minute to watch these videos:

Windows users: <https://www.youtube.com/watch?v=7WdjSBZ794Q>

Mac users: <https://www.youtube.com/watch?v=65T12TqxjXo>

3. If you want to change the default folder where the Virtual machines are installed, open the Oracle VM VirtualBox and follow the steps:

Go to *File -> Preferences -> General -> Default Machine Folder -> **Folder of your choice***

Downloading and Installing Cloudera QuickStart VM:

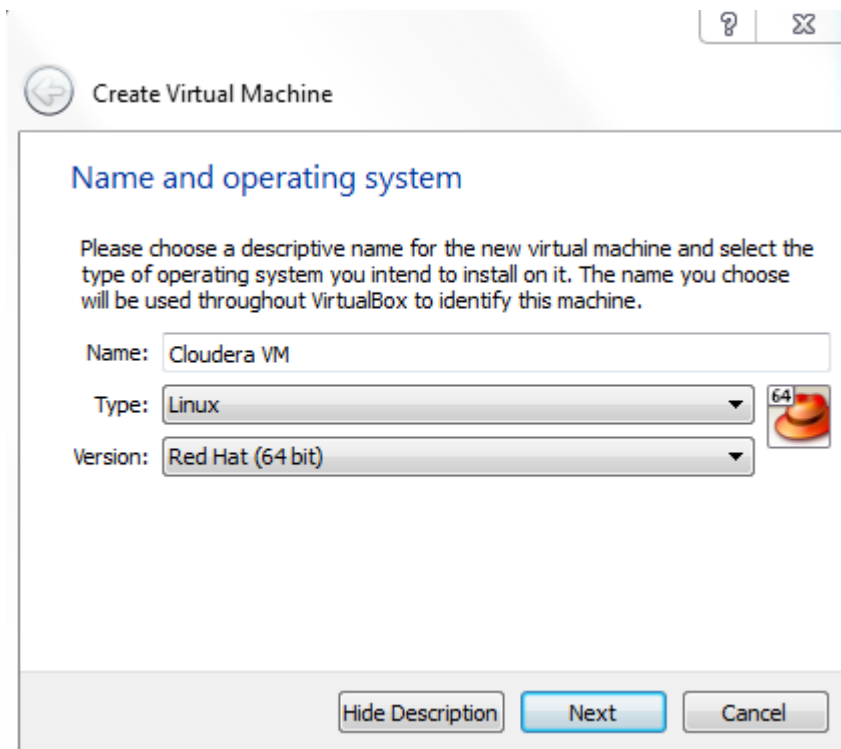
** It requires 64-bit host OS

For windows users: (very similar for Mac users)

1. Go to the following link and download the latest version (CDH 5.3.x) for your platform (VirtualBox or VMware).

http://www.cloudera.com/content/cloudera/en/downloads/quickstart_vms/cdh-5-3-x.html

2. Extract the zip file and move the folder to the "Default Machine Folder -> *Folder of your choice*".
3. Open Oracle VM VirtualBox.
4. Click on the **New** button.



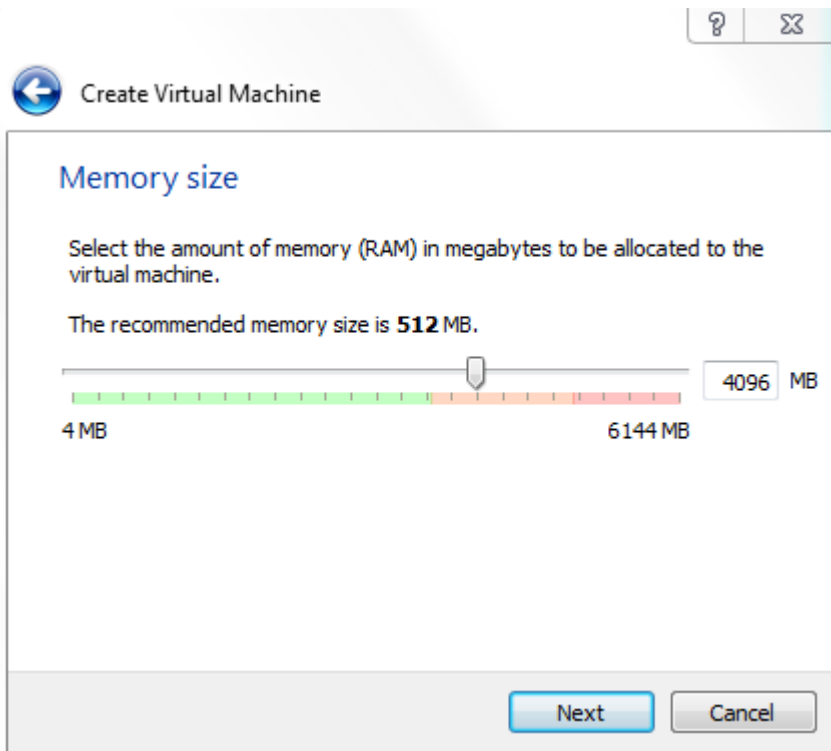
Give it a Name of your choice.

Select *Linux* as *Type* and *Red Hat (64 bit)* as *Version*.

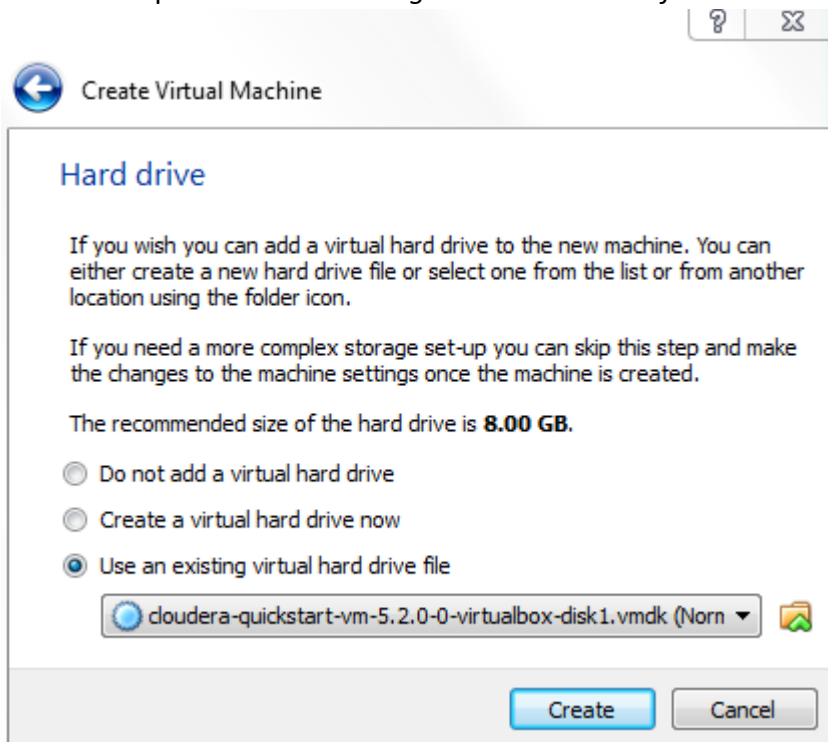
Click *Next*.

5. Give it at least 4GB of RAM and click *Next* button. If you have more amount of RAM, you can assign more than 4GB. The more, the faster.

Note: The Host OS requires at least 1GB for the normal functioning. So, be careful not to assign all the RAM to the Virtual Machine.



6. Select the option *Use an existing virtual hard drive file*

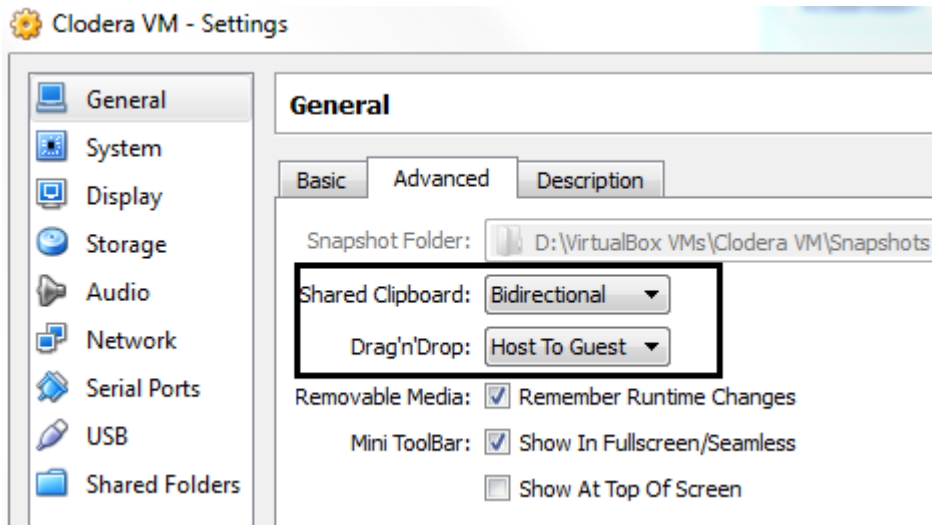


Open the `.vmdk` file that you extracted in step-2 and hit *Create*.

You have successfully installed Cloudera QuickStart VM.

Changing some of the settings for better performance and ease of use :

1. Open the Oracle VirtualBox VM in case you have closed it.
2. Select the *Cloudera VM* and hit *Settings*.
3. Go to *General* -> *Advanced* and change *Shared Clipboard* to *Bidirectional* and *Drag'n'Drop* to *Host To Guest*.

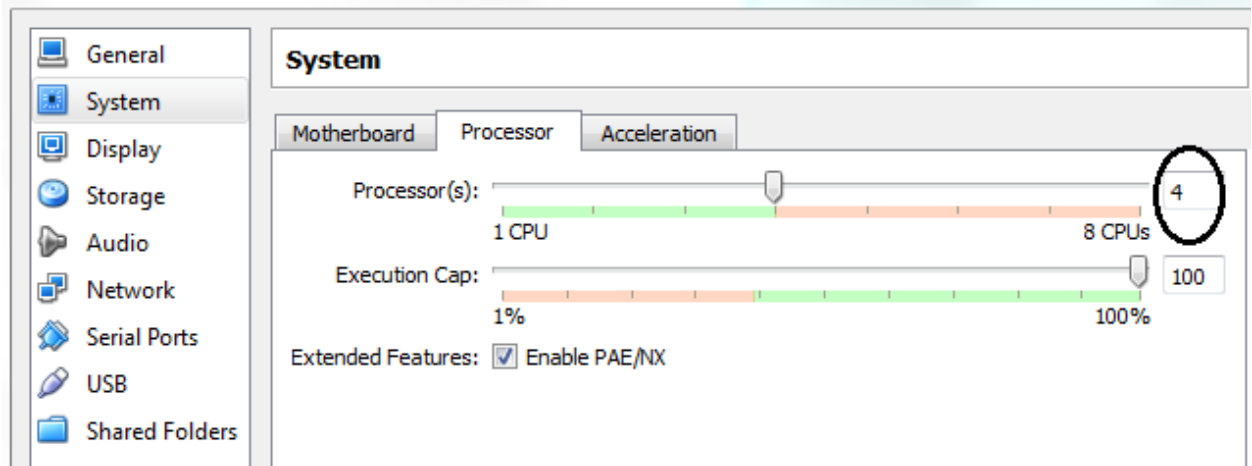


4. Go to *System* -> *Processor* and assign the number of cores that you want your VM to run on.

Note: Don't assign more number of cores than you **physically** have on your machine.

If it's quad core, assign 4 cores max.

If it's dual core, assign 2 cores max.



Go ahead and start the VM.

** For more detailed instructions on downloading and installing the Cloudera QuickStart VM, take a minute to watch these videos:

Windows users: <https://www.youtube.com/watch?v=L0IPPC5qeyU>

Mac users: <https://www.youtube.com/watch?v=BeCtjd86YXo>