



Installation Of Cloudera

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Local Setup

IMPORTANT

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Why install Cloudera in the first place?

1. Earlier Hadoop had some problem with windows, but it got sorted out now. Still some softwares aiding hadoop needs to be configured and made compatible. Which is complicated. Also, the industries use UNIX/LINUX OS for running hadoop and other big data applications. That is why we need UNIX/LINUX platform.
2. If you already have a LINUX platform, you can run hadoop and other big data applications, but before that you need to configure you machine and install various packages and other important files.
3. Cloudera quickstart vm is a virtual machine which has everything, pre-installed and configured, we just need to do a few tweaks.

This is why, we use cloudera for hassle free learning.



INSTALLATION

Step 1) Download VIRTUAL BOX

Link: [Download Oracle Virtualbox](#) **CLICK HERE**

Download oracle VirtualBox using the above link and install it.

If you are using windows click on “windows hosts” for the download.

If you are using mac then click on “OS X hosts” for the download.

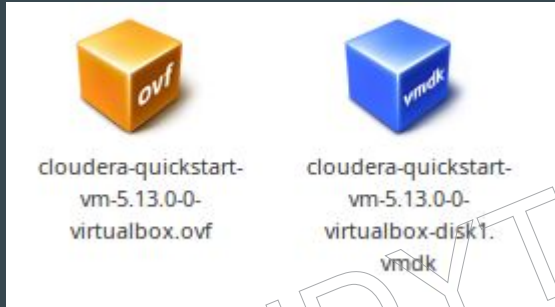
Step 2) Download CLOUDERA QUICKSTART VM

Link: [Download Cloudera Quickstart VM](#) **CLICK HERE**

SETTING UP__



After extraction of cloudera quickstart VM you will see the following two files inside it.



You need to open the .ovf file. Right click and open with Oracle VM Virtualbox.

Give exactly half the resources in terms of CPU and RAM.



This system has 8 Gb RAM, 2 cores.

Accordingly 4gb and 1 core is given.

Click on import and wait, it will take some time.

Click on start after selecting the machine you just added to your Virtual Box.



This again might take some time. So, wait patiently.. If in case it gives error when starting the VM then please check “intel virtualization technology” under the bios settings of your machine.

Intel Virtualization technology should be enabled. If not, Please make sure you enable it and try to start the VM again.



You will be greeted with something like this.



Now your cloudera VM is up and ready.

Happy Learning!!!



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