# HADOOP INSTALLATION

## Pre-requites:

**1 PC/trainee with:**

- 64 Bit OS Windows machine with **8 GB RAM** and Quadcore processor.
- 100 GB free Hard Disk space
- Projector & whiteboard Required

Also make sure that all the machine has **Virtualization enabled from BIOS** so that VM image can be installed successfully.

Please follow the steps mentioned below for installing Cloudera Hadoop CDH cluster as VM in your local machine.

**Step 1:** Get Oracle Virtual box or VMPlayer for different OS from below mentioned location.

Once you click the url, following screen will appear then click on first link, **Virtualbox 5.0.20 for Windows hosts => x86/amd64 ,** Virtual box will get downloaded.

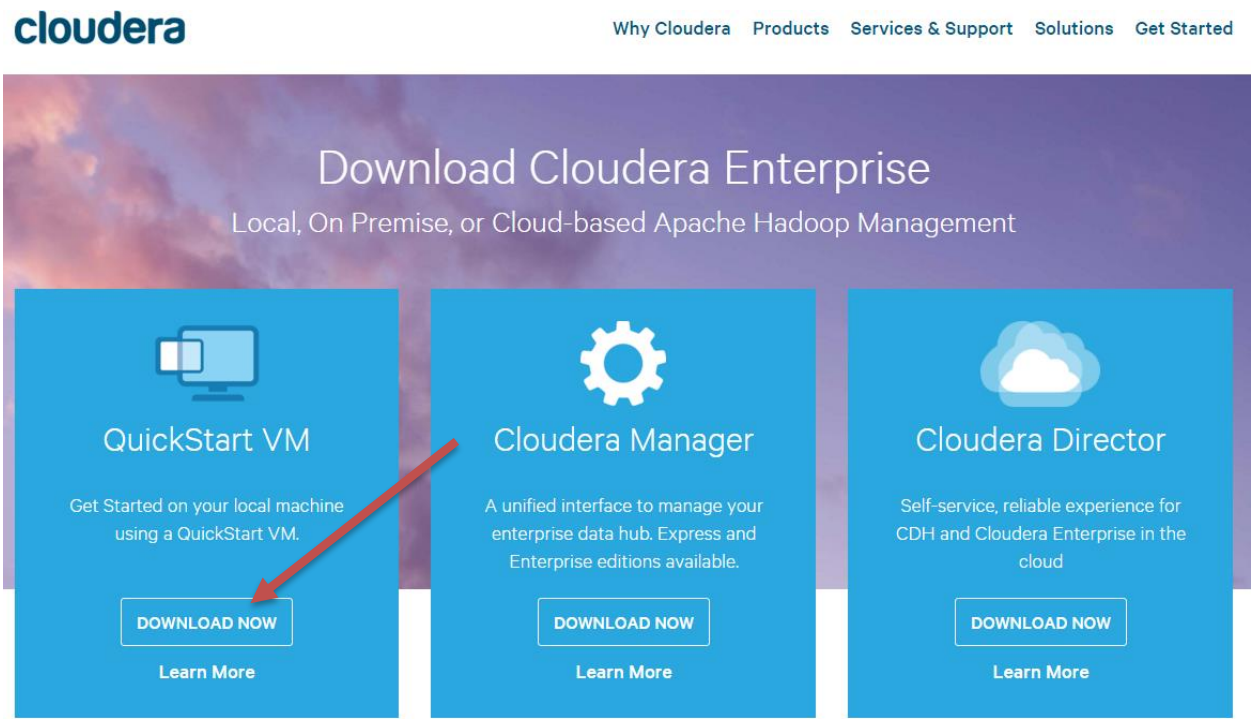
https://www.virtualbox.org/wiki/Downloads

**Step 2:** Please use below mentioned link to install Cloudera VM in your machine. You need to install Oracle Virtual box first and then import this VM file (download from below mentioned URL) so that you will have your hadoop environment setup.

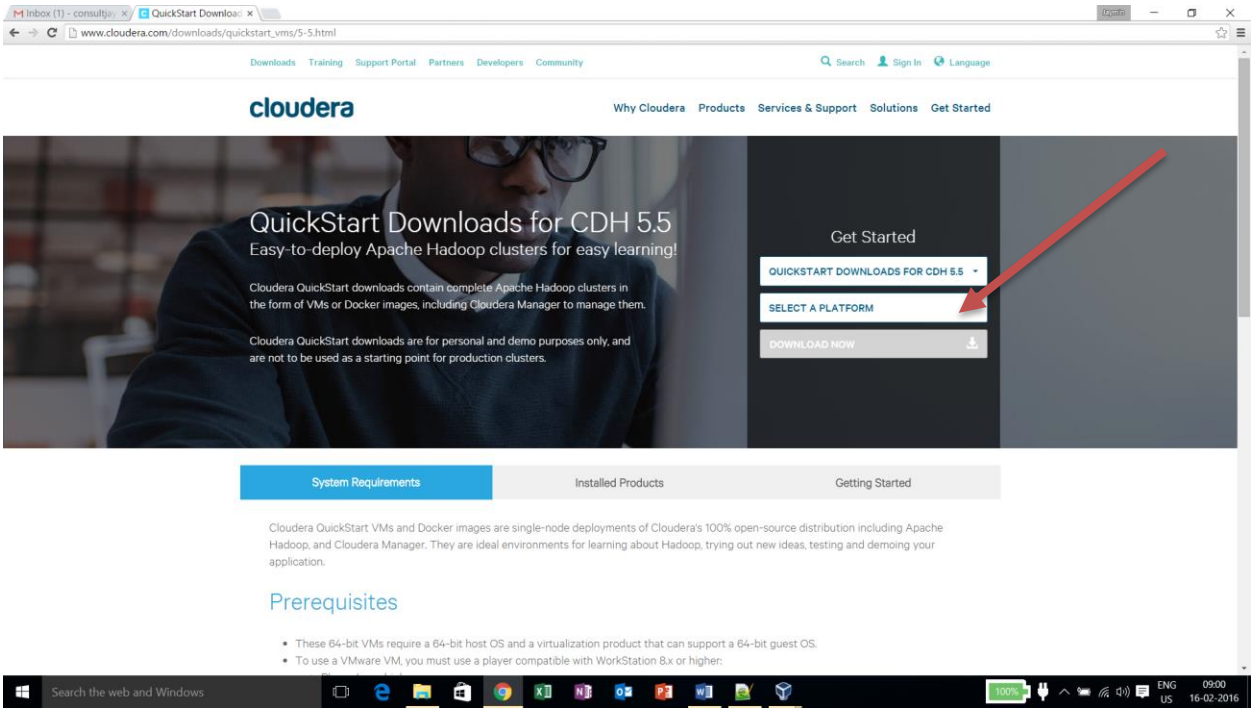
http://www.cloudera.com/content/support/en/downloads/download-components/download-products.html?productID=F6mO278Rvo

**Please follow below mentioned steps to choose the correct version of Cloudera VM file.**

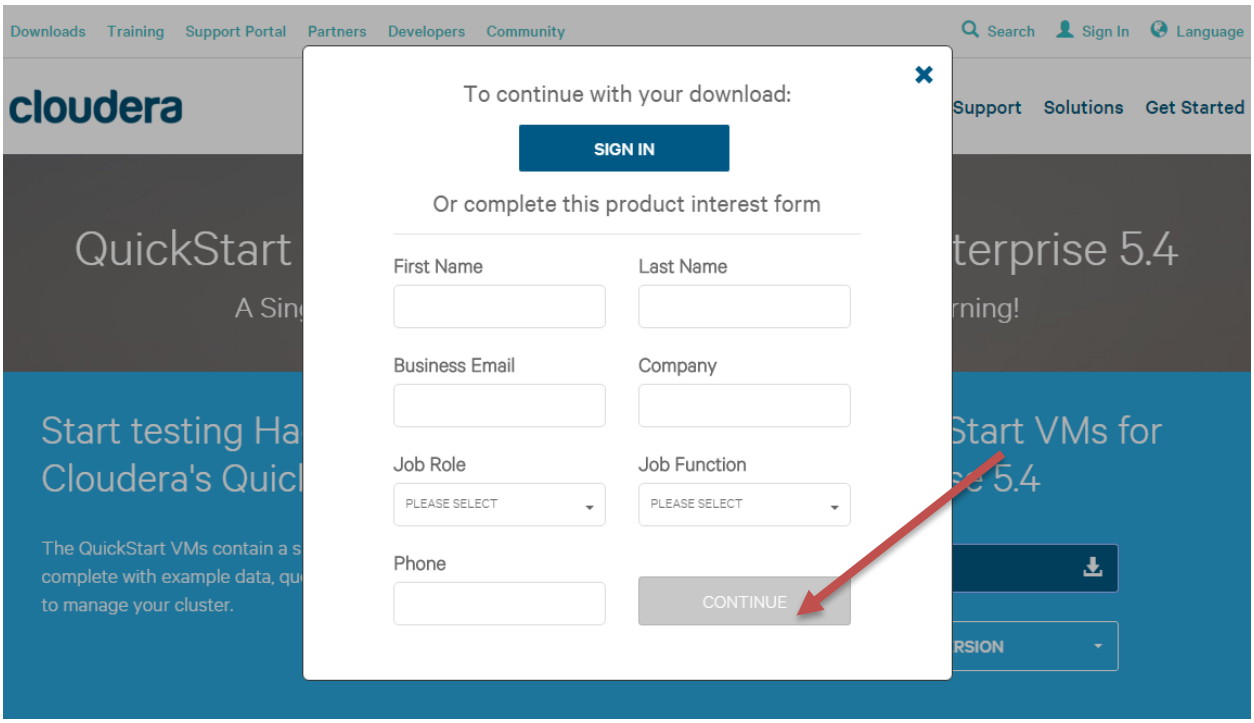
2.1 First click on Quickstart VMs Download Now option as show in below screen shot.



2.2 Then Default version of CDH 5.5.X is already selected, so click on appropriate platform in the drop down as shown below.




Which will open below mentioned screen, fill up all required details as appropriate and then click on CONTINUE.

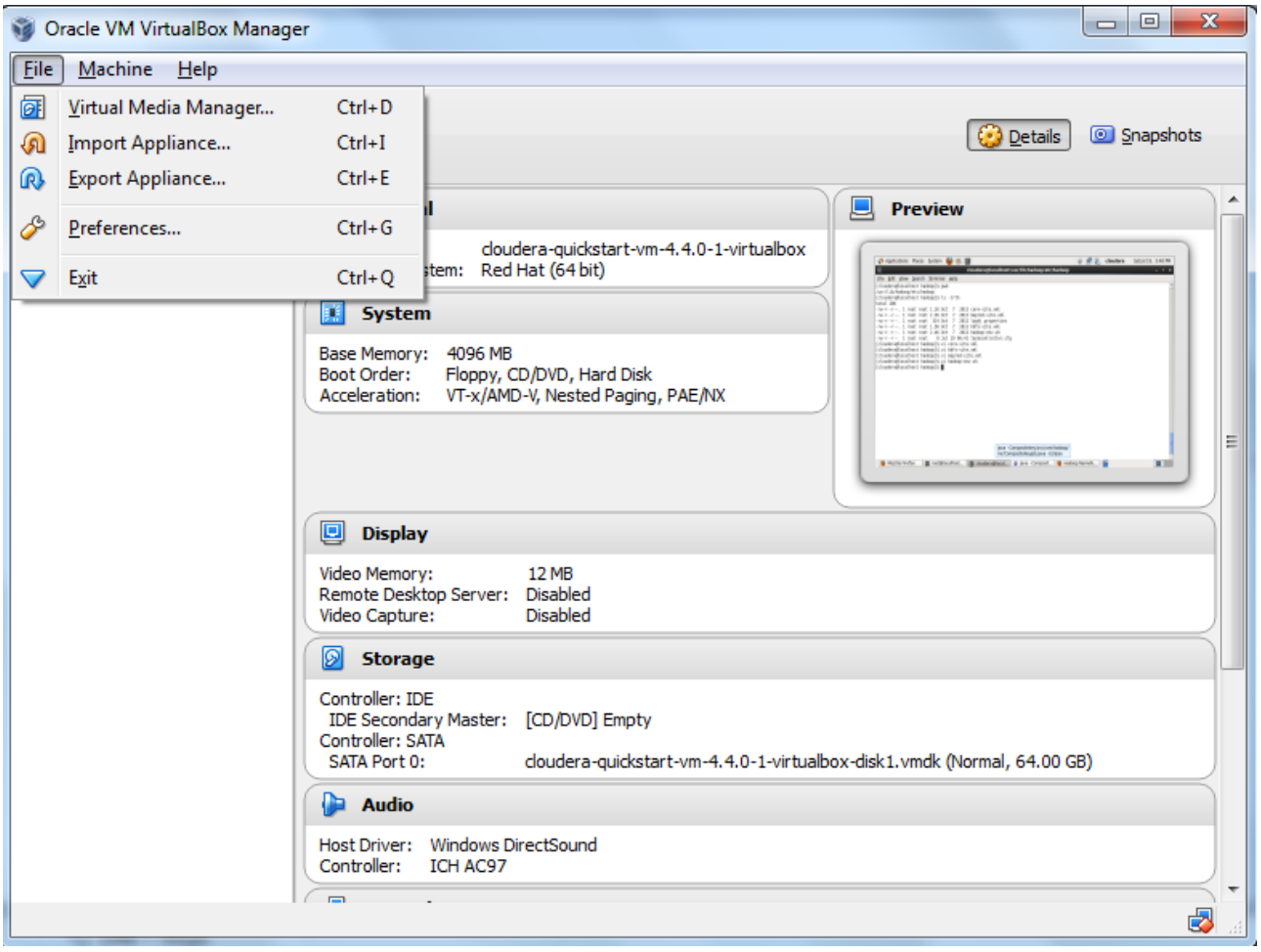


Once you click on CONTINUE button as shown in above figure,the cloudera VM file will be downloaded in your machine. Since it's a big file it may take some time to download and hence please have some patience ☺

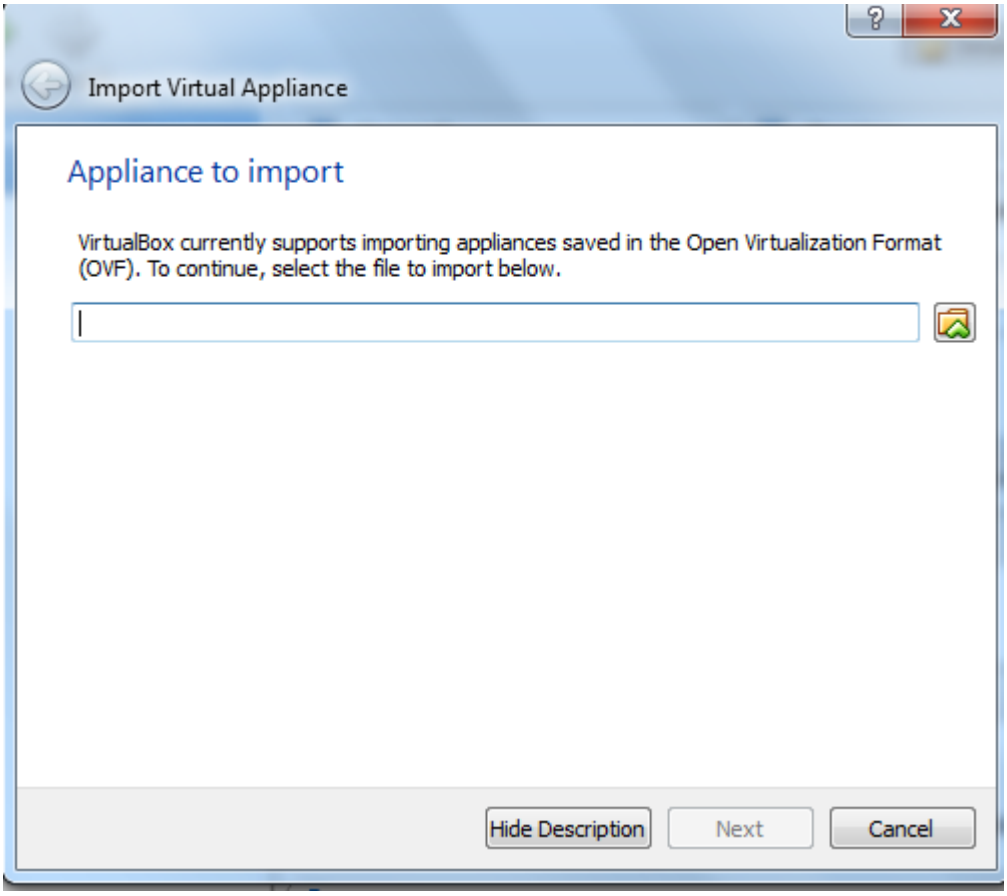
## Step 3:

First unzip the cloudera-quickstart-vm file which you have downloaded by following Step 2.

Then Open Virtaul box and Please select the option of **import appliance**. Refer screen shot below. After that please select the ovf file.(this file will be available in the folder where you have installed cloudera-quickstart-vm file). After that follow normal process of importing that vm. Thats it. It should help you install the Hadoop VM successfully.




Once you click on Import appliance following screen will appear, you should select the cloudera-quickstart-vm-5.3.0-0-virtualbox.ovf file and click on next and import the same. Once imported successfully, you can start working on the cluster.


Import Virtual Appliance
Appliance to import
VirtualBox currently supports importing appliances saved in the Open Virtualization Format (OVF). To continue, select the file to import below.
Hide Description
Next
Cancel