

Manual for installation of Demo VM for Cloudera on Windows

Laptop Machine Minimum Configuration - 64 bit

=====

CDH3 - 4GB Ram , Intel Pentium 2.x GHz

CDH4 - 8GB Ram and I3,I5 or I7 core processor

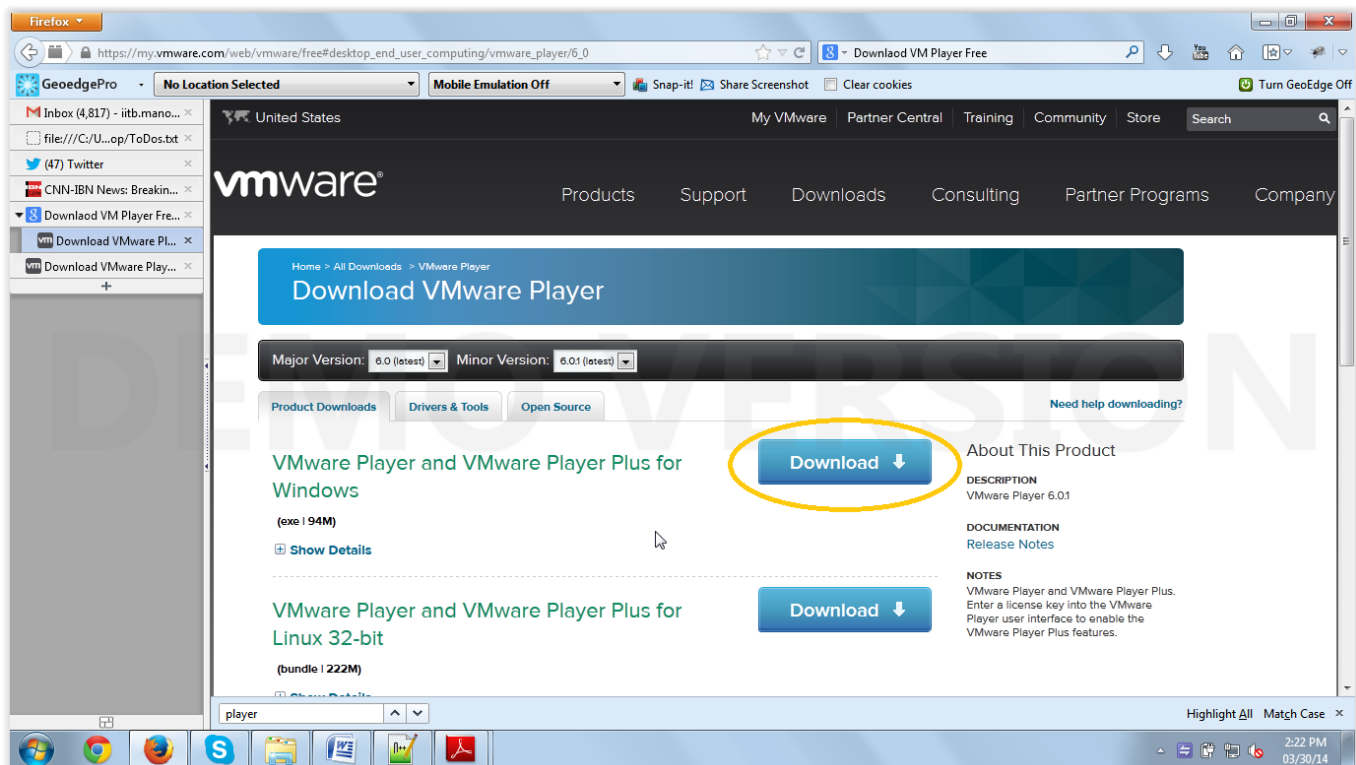
This document explains the procedure to setup a single node Demo VM Hadoop cluster on Windows 7. We will install VMWare player first and then we will install demo VM for Cloudera.

Step 1 - Download and install VMware player

Download VMware player latest version and install on your laptop/desktop. You can also install VMware tools, which will be very useful for your working with guest OS.

You may download the vmware player from [here](http://my.vmware.com/web/vmware/free#desktop_end_user_computing/vmware_player/6_0)

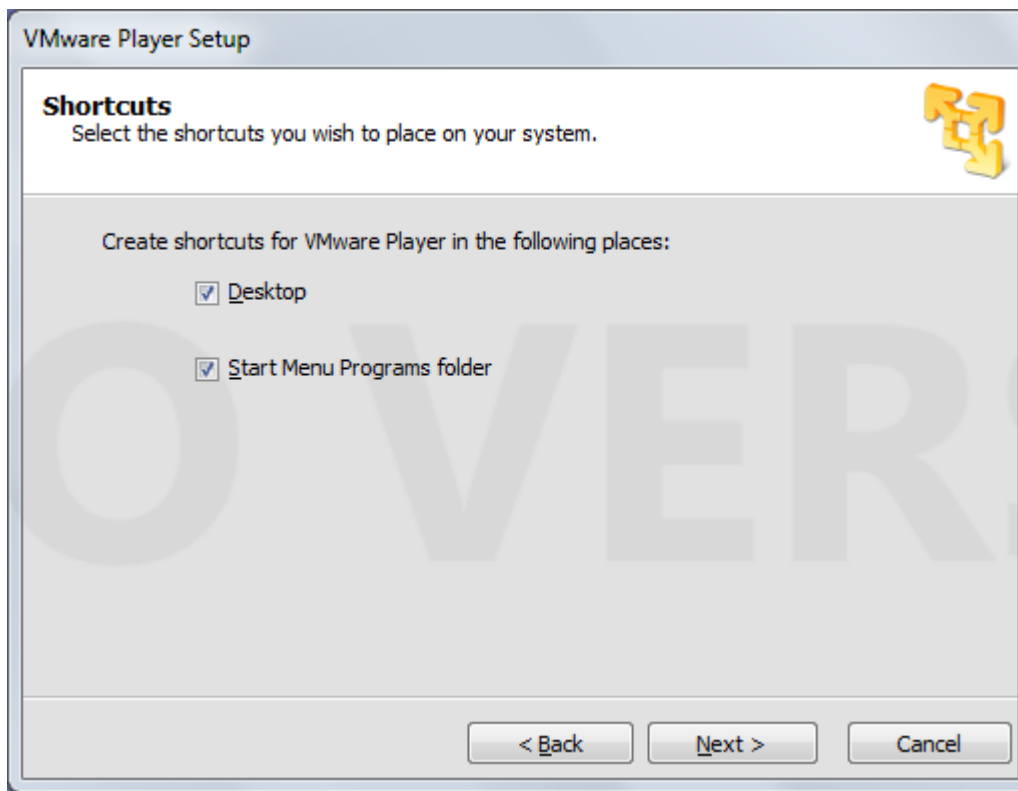
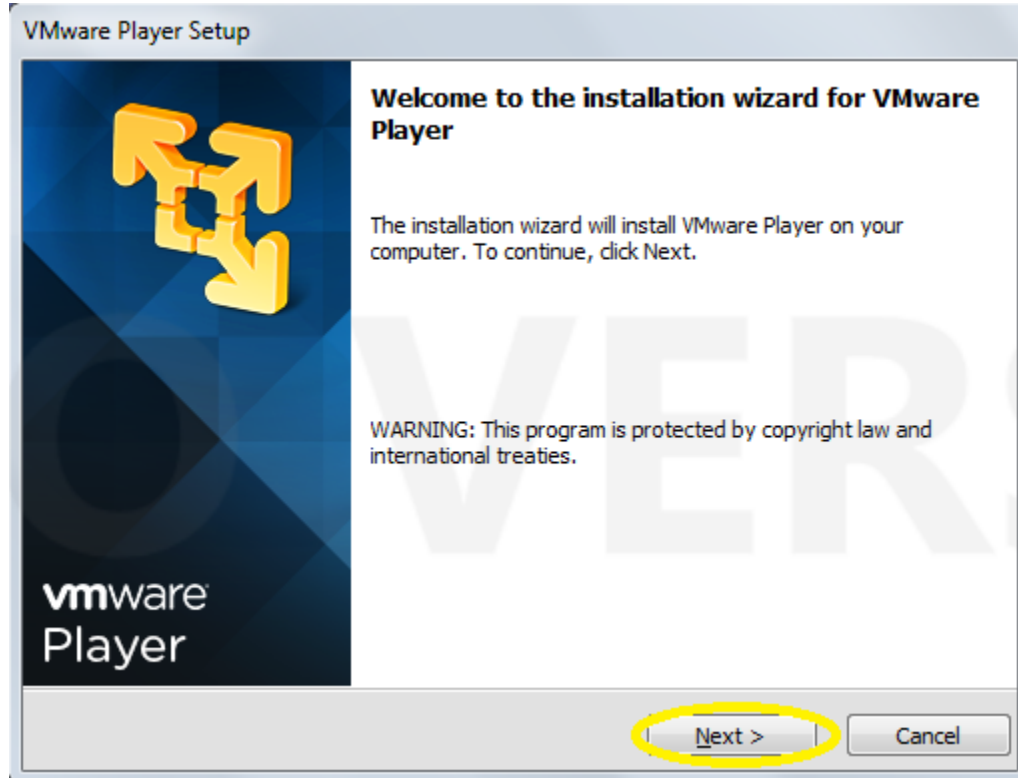
(https://my.vmware.com/web/vmware/free#desktop_end_user_computing/vmware_player/6_0) .

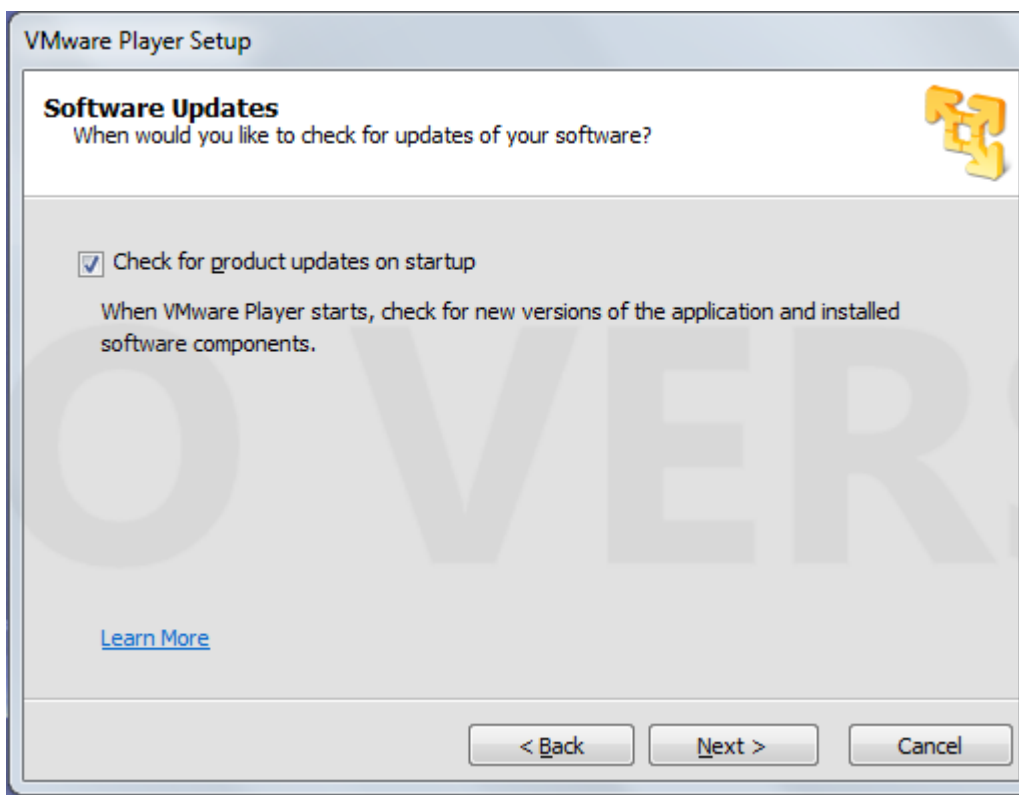
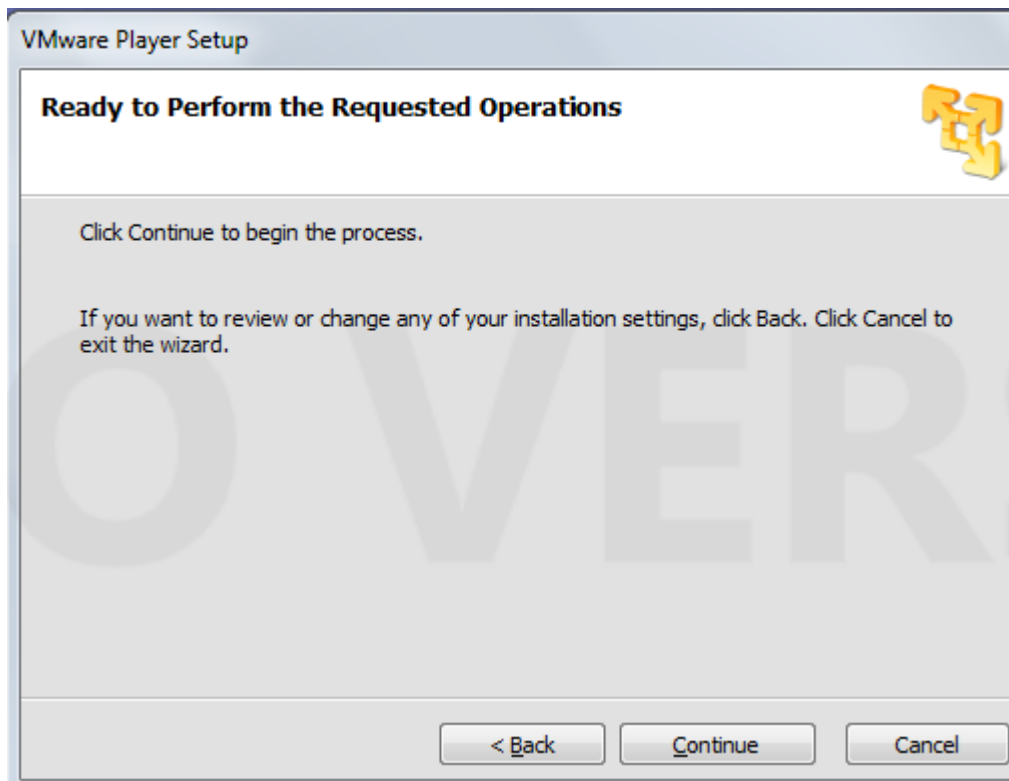


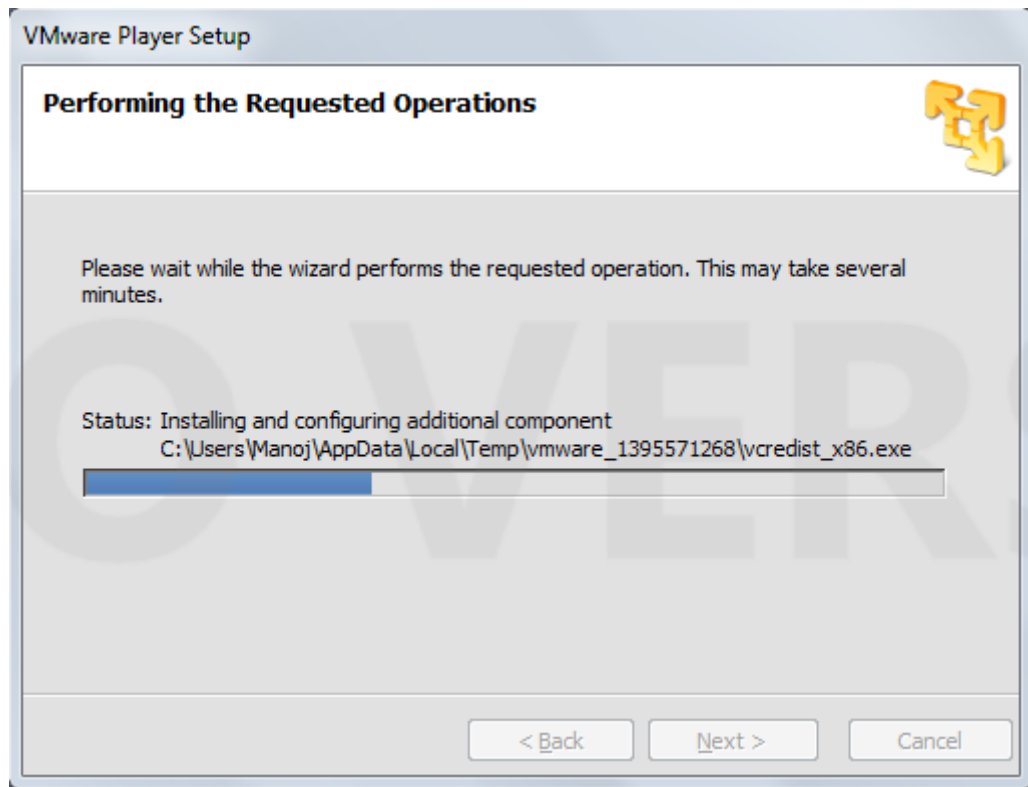
Step 2 - Start installation by clicking on installable file for VM Player.

This will start the installation process. Next few screenshot will take you through installation process.









Step 3 - Download Cloudera Quick Start VM from

<https://drive.google.com/file/d/0B3RLdcwN3kTJX2JGN0otLVpQZzg/edit?usp=sharing>

<https://drive.google.com/file/d/0B3RLdcwN3kTJYXo4R09Ga05XXzg/edit?usp=sharing>

<https://drive.google.com/file/d/0B3RLdcwN3kTJZ3p4b19IZmdDanc/edit?usp=sharing>

<https://drive.google.com/file/d/0B3RLdcwN3kTJb2IXMF9rTmtrNTA/edit?usp=sharing>

Downloaded file is .7z format. Extract the contents using any compression utility. It will extract contents in directory cloudera-quickstart-vm-4.4.0-1-vmware.



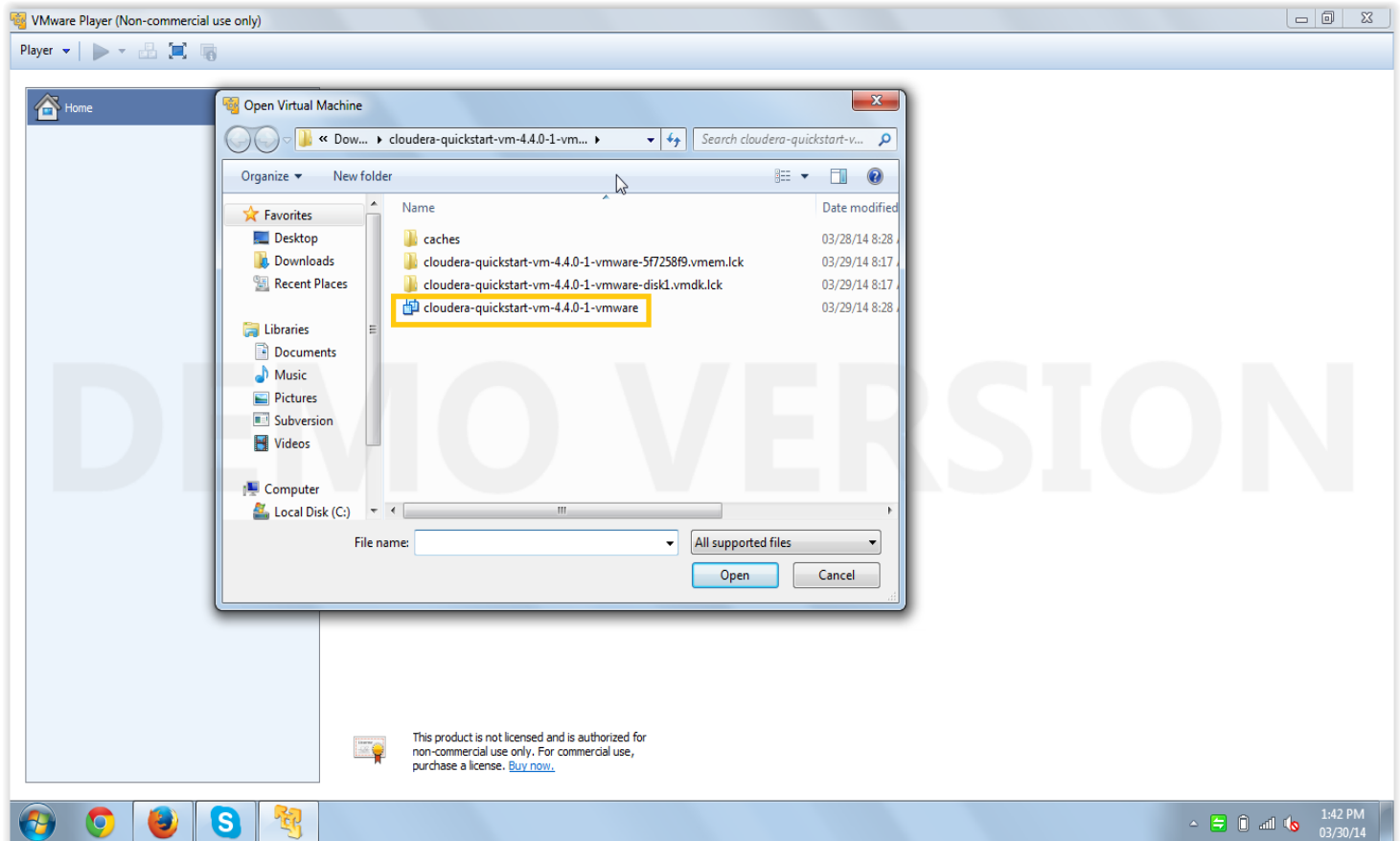
Step 4 - Open VMPlayer program and click on “Open a virtual Machine”.

It will open a file open dialog box as shown in next screenshot.



Step 5 - Open the downloaded Cloudera vmware

Go to directory “cloudera-quickstart-vm-4.4.0-1-vmware”. Select cloudera-quickstart-vm-4.4.0-1-vmware. This will create a virtual machine instance in VM Player.

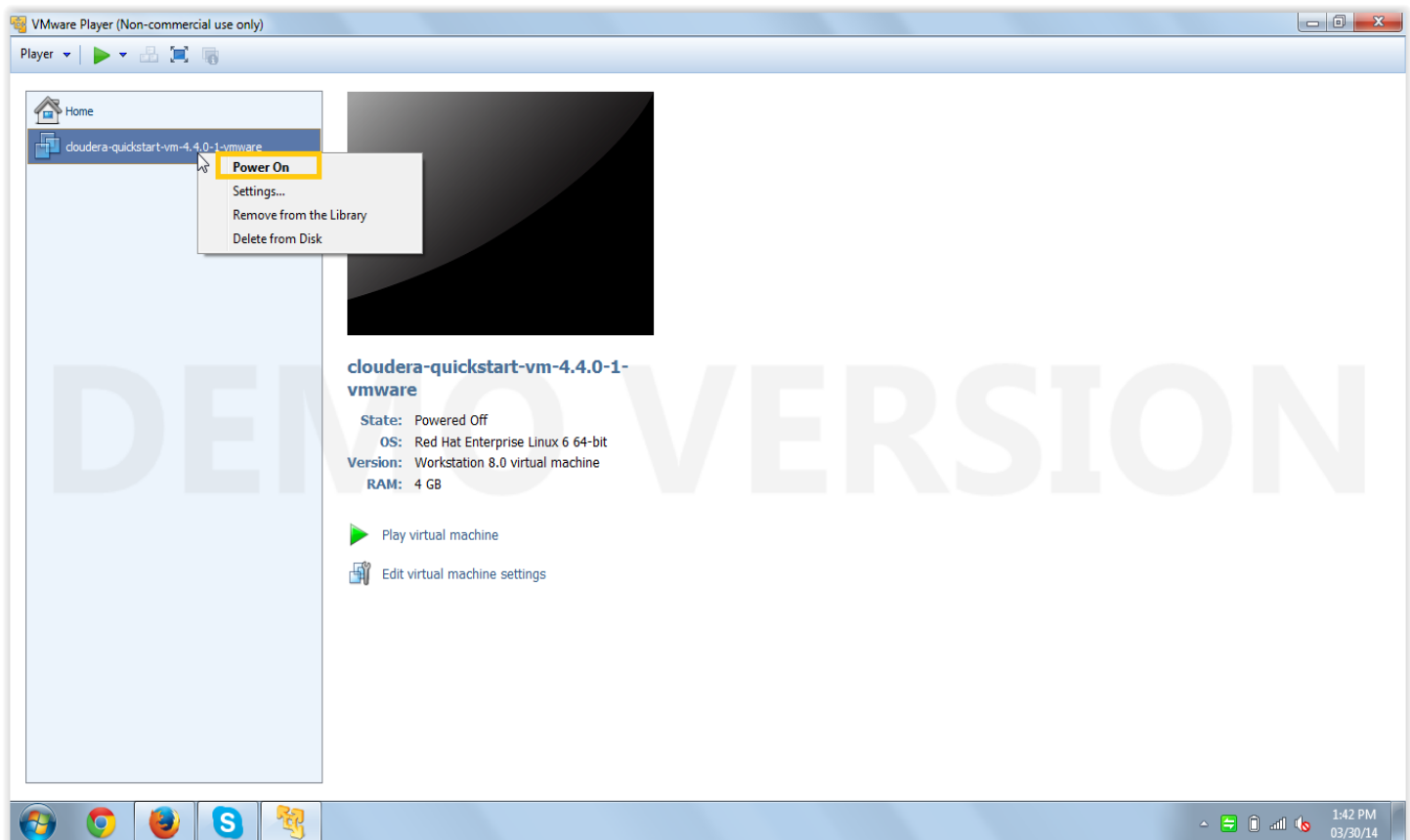


Step 6 - Start the Cloudera VM

Click on power on to start the Cloudera Demo VM. This will take 2-3 minutes to start. If you get a error message like this "Binary translation is incompatible with long mode on this platform".

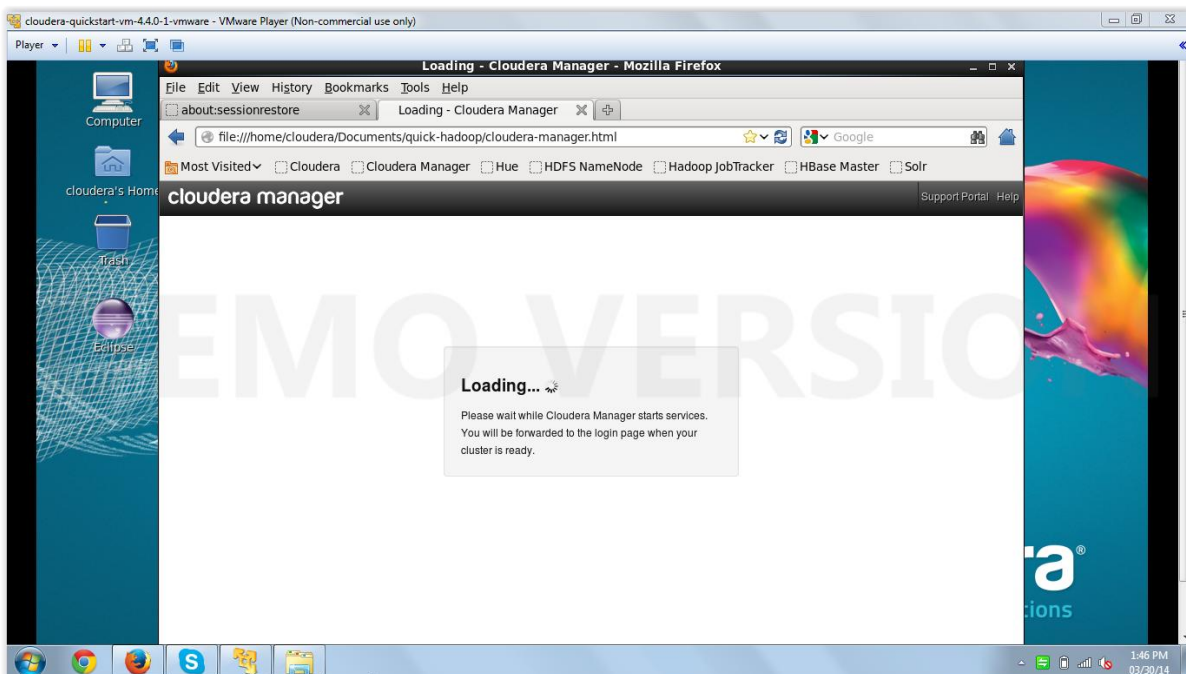
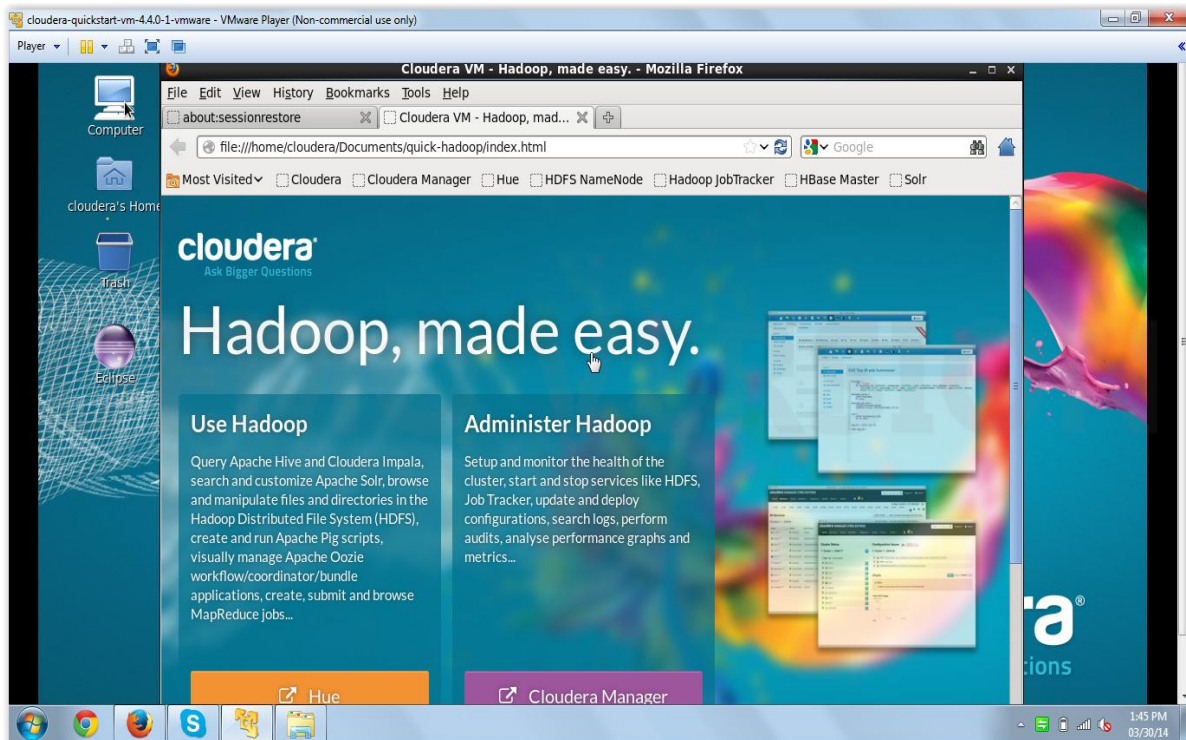
Long mode will be disabled in this virtual environment. Applications requiring long mode will not function properly as a result" then you may need to change a setting in your BIOS to enable 'Virtualization Technology'.

Follow this [link](https://communities.vmware.com/message/2133615#2133615) (<https://communities.vmware.com/message/2133615#2133615>) .



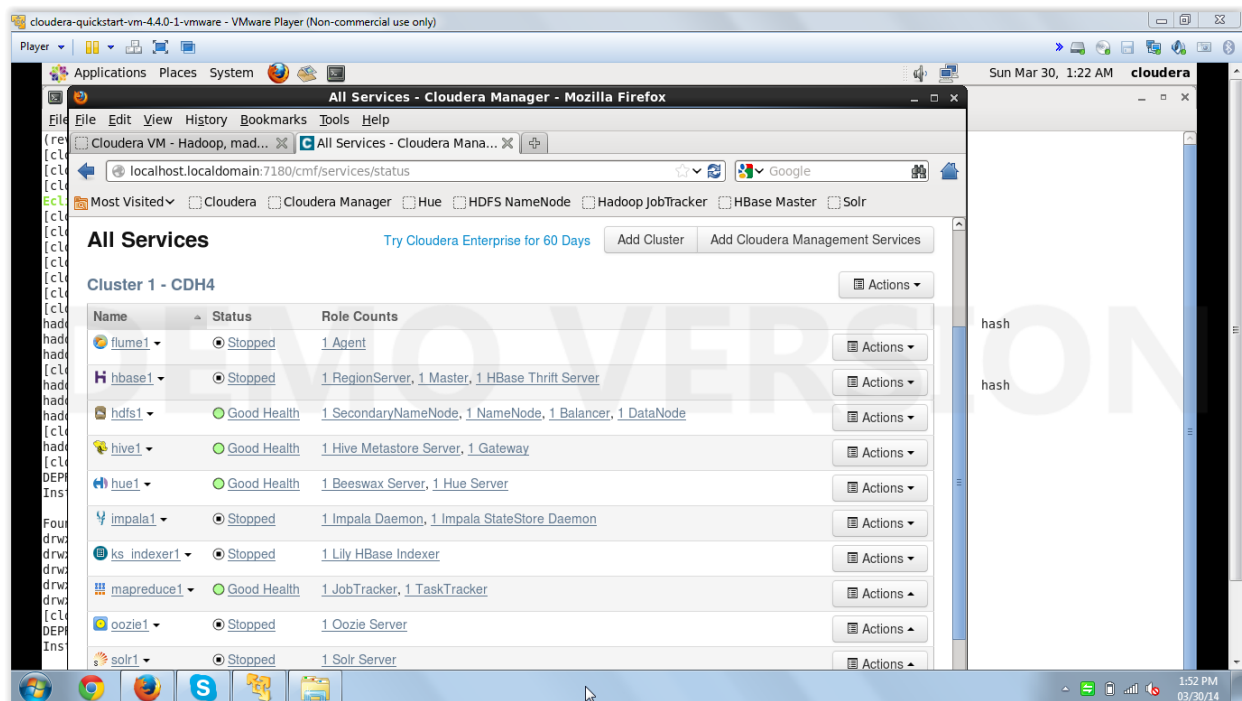
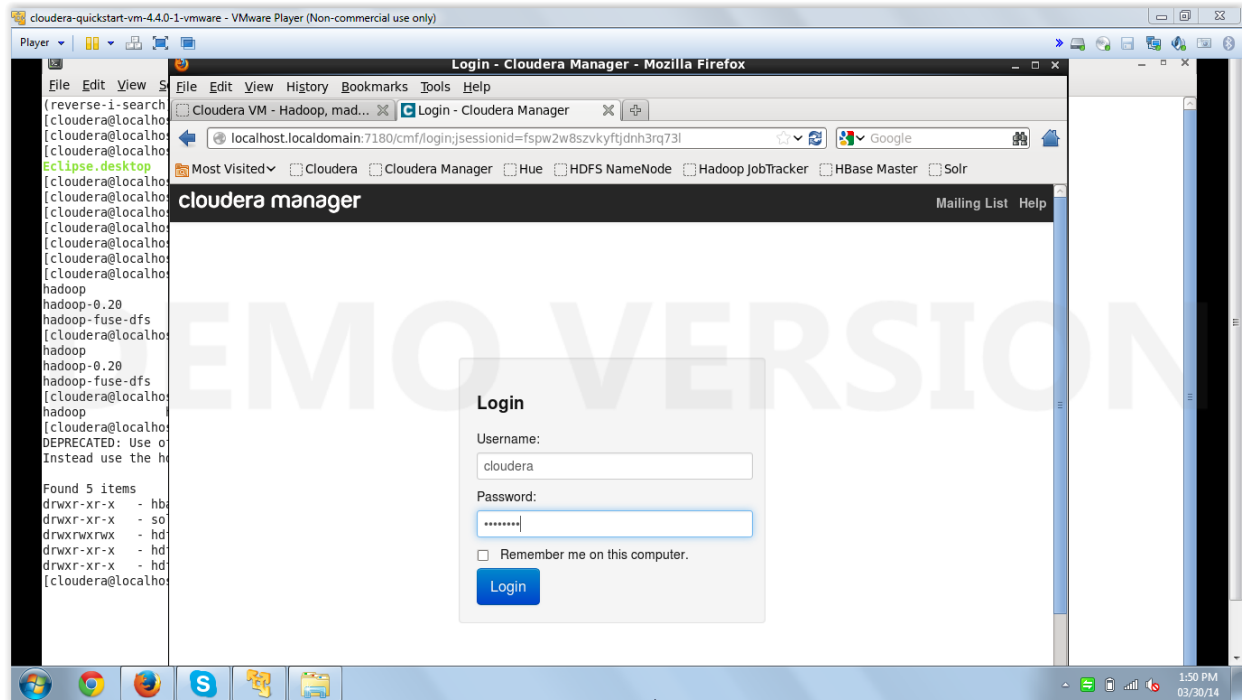
Step 7- Start Cloudera Manager

You will get following screen after you start the VM. Click on “Cloudera Manager” under “Administer Hadoop” Tab. This will start all the Cloudera Services.



Step 8 - Login as cloudera

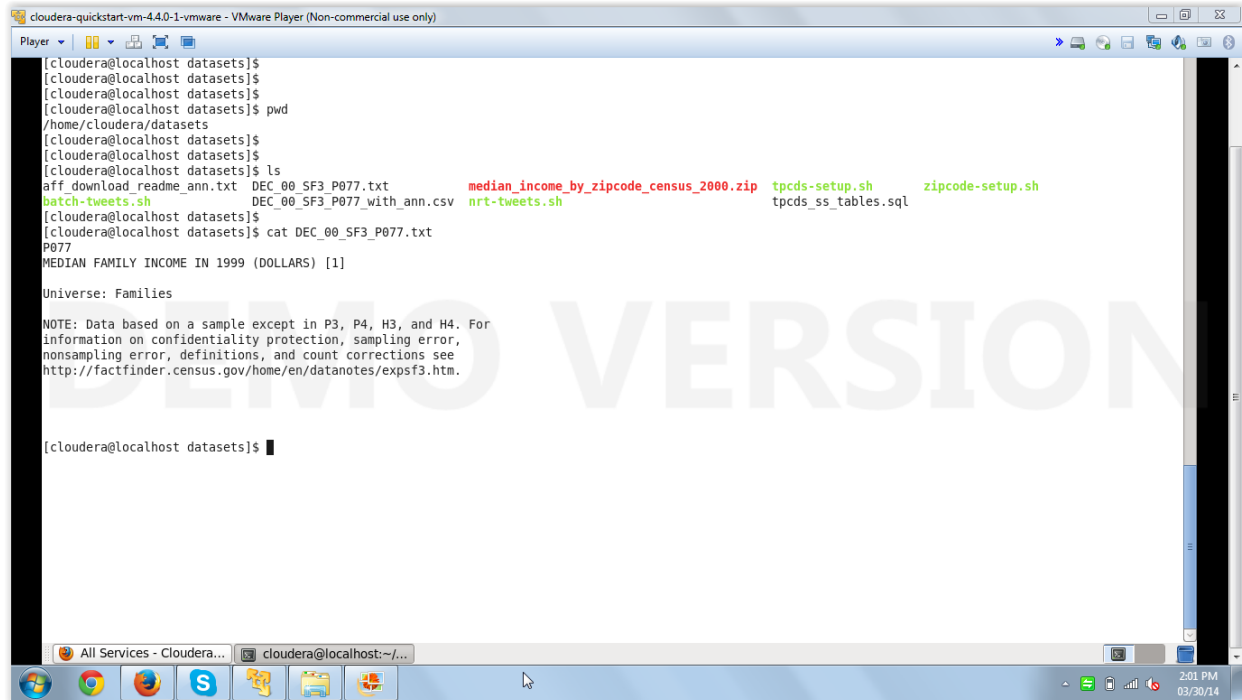
You will get a login screen. User Name and password is "cloudera". Login to open administration console.



Step 9 - Cloudera Demo VM is ready to use

Cloudera Demo VM is ready to use. Now you can do anything you want on this VM Machine.

Open a terminal and try out following command given in the next screen shot.



```

cloudera-quickstart-vm-4.4.0-1-vmware - VMware Player (Non-commercial use only)
Player
[cloudera@localhost datasets]$
[cloudera@localhost datasets]$
[cloudera@localhost datasets]$
[cloudera@localhost datasets]$ pwd
/home/cloudera/datasets
[cloudera@localhost datasets]$
[cloudera@localhost datasets]$
[cloudera@localhost datasets]$ ls
aff_download_readme_ann.txt  DEC_00_SF3_P077.txt      median_income_by_zipcode_census_2000.zip  tpcds-setup.sh      zipcode-setup.sh
batch-tweets.sh             DEC_00_SF3_P077_with_ann.csv  nrt-tweets.sh                          tpcds_ss_tables.sql
[cloudera@localhost datasets]$
[cloudera@localhost datasets]$ cat DEC_00_SF3_P077.txt
P077
MEDIAN FAMILY INCOME IN 1999 (DOLLARS) [1]
Universe: Families
NOTE: Data based on a sample except in P3, P4, H3, and H4. For
information on confidentiality protection, sampling error,
nonsampling error, definitions, and count corrections see
http://factfinder.census.gov/home/en/datanotes/expsf3.htm.

[cloudera@localhost datasets]$
  
```