
CLOUDERA QUICKSTART VM INSTALLATION

By HadoopExam Learning Resources in Association with www.QuickTechie.com

1. System Requirements for this 64 bit VM

- Windows Host Operating System must be 64 bit
- VM Player 4.x and higher, we are using 7.x Here
- VM Needs 4GB RAM at least, hence Host OS should have 8GB Memory (for Average Performance)

2. Host OS must be able to Support Hardware Virtualization. (In next step, you will get to know whether you have Virtualization enabled or not. Right now don't worry.

3. Download Link for QuickStart VMs for CDH 5.4.x

http://www.cloudera.com/content/cloudera/en/downloads/quickstart_vms/cdh-5-4-x.html



version: QuickStart VM with CDH 5.4.x

Please Note: Cloudera QuickStart VMs are for demo purposes only and are not to be used as a starting point for clusters.

Download System Requirements Installed Products Getting Started

Assistance with the Cloudera Quickstart VM is available through the [Cloudera Community](#).

For the best download experience, use of a Download Manager is highly recommended!

Platform	Release Date	Hash	bits
VMware	July 1, 2015	013a336f70feae0235f443833e08644d09b65b61	Download for VMware >
KVM	July 1, 2015	d42d6e516bdac5cfd69a9f8ce90e874e6576dd49	Download for KVM >
VirtualBox	July 1, 2015	18e5784c2e26da5df168a1d5beea908cad478e41	Download for VirtualBox >

4. Download VM Player from VMWare site

https://my.vmware.com/web/vmware/free#desktop_end_user_computing/vmware_player/7_0

Home > All Downloads > VMware Player

Download VMware Player

Major Version: 7.0 (latest) Minor Version: 7.1.2 (latest)

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VMware Player for Windows 64-bit operating systems. [Download](#)

(bundle | 77.08 MB) [Show Details](#)

VMware Player for Linux 64-bit Linux. [Download](#)

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About This Product

DESCRIPTION
VMware Player 7.1.2

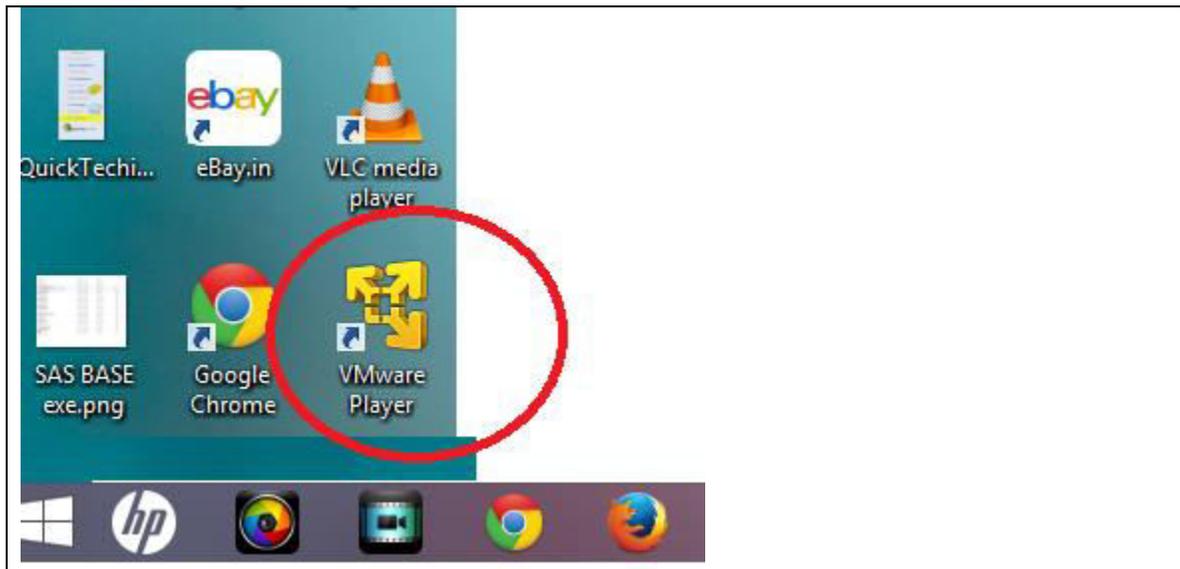
DOCUMENTATION
[Release Notes](#)

NOTES
VMware Player and VMware Player Pro. Enter a license key into the VMware Player user interface to enable the VMware Player Pro features.

5. You should have downloaded the following files

- cloudera-quickstart-vm-5.4.2-0-vmware.zip
- VMware-player-7.1.2-2780323.exe

6. Now first install the VMWare player, very simple just double click and keep pressing next->next->next and finish.
7. After installation you must see the following icon, on desktop or in Program files. (Wherever you have mentioned)



So now, we have VMWare Player installed now.

Installing QuickVM of Cloudera.

8. Unzip the Cloudera (cloudera-quickstart-vm-5.4.2-0-vmware.zip). It will take Quite long time almost 3.3GB in size.
9. Once you unzip it , change the folder name, so there is no space (As I have done C:\Training\Cloudera543)
10. Now inside the folder look for the below file

```
cloudera-quickstart-vm-5.4.2-0-vmware.vmx
```

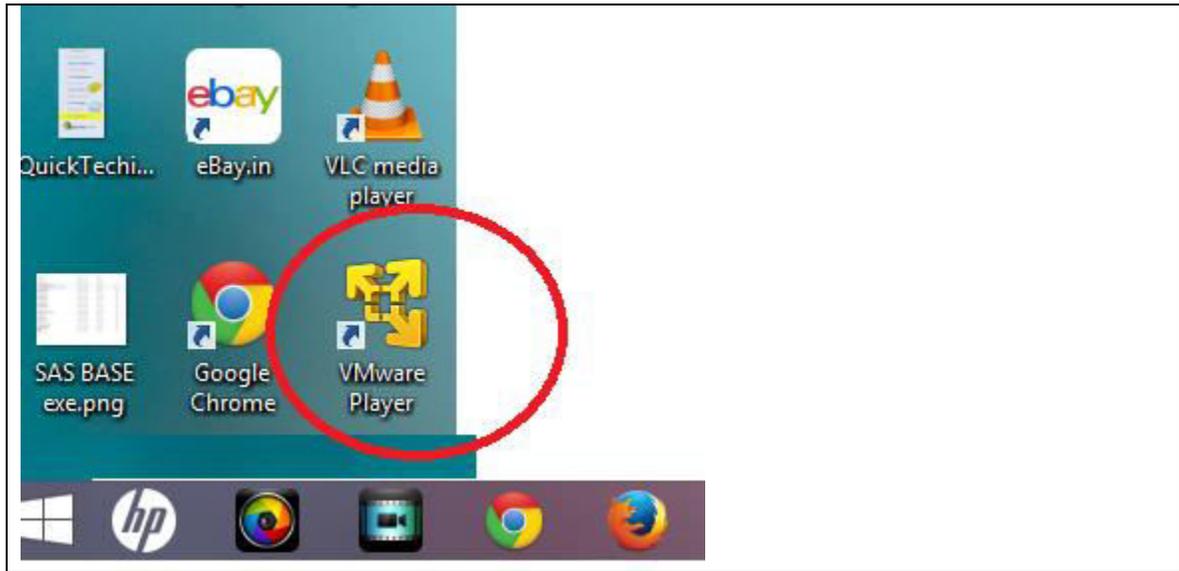
And comment the below attribute (Just by putting # in start of line)

```
#msg.autoanswer = "true"
```

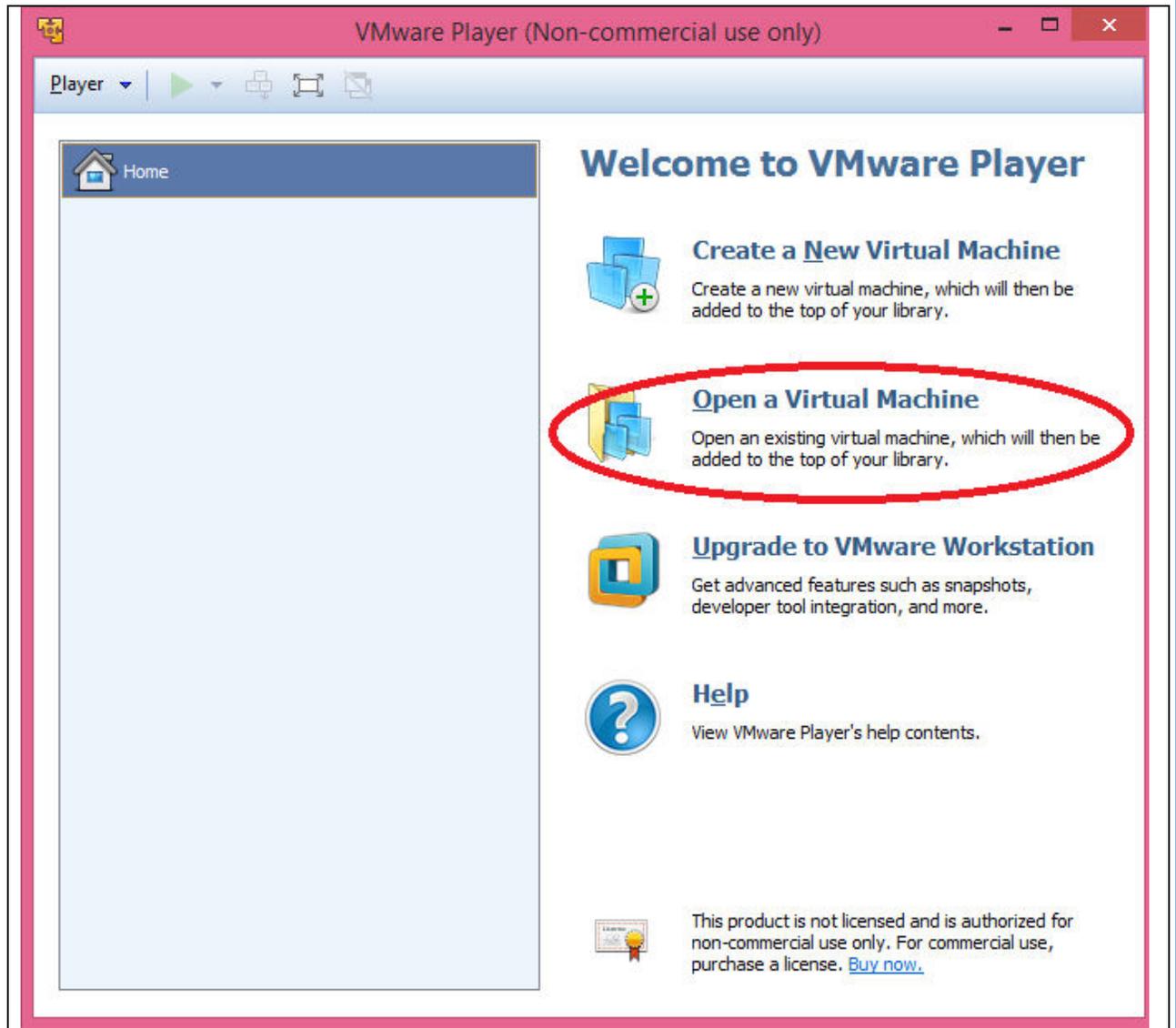
Why we are commenting this flag?

Answer: VM ask some questions by giving you Pop-up window if you would not comment, it will auto answer the popup and you will not be able to find if there is any error.

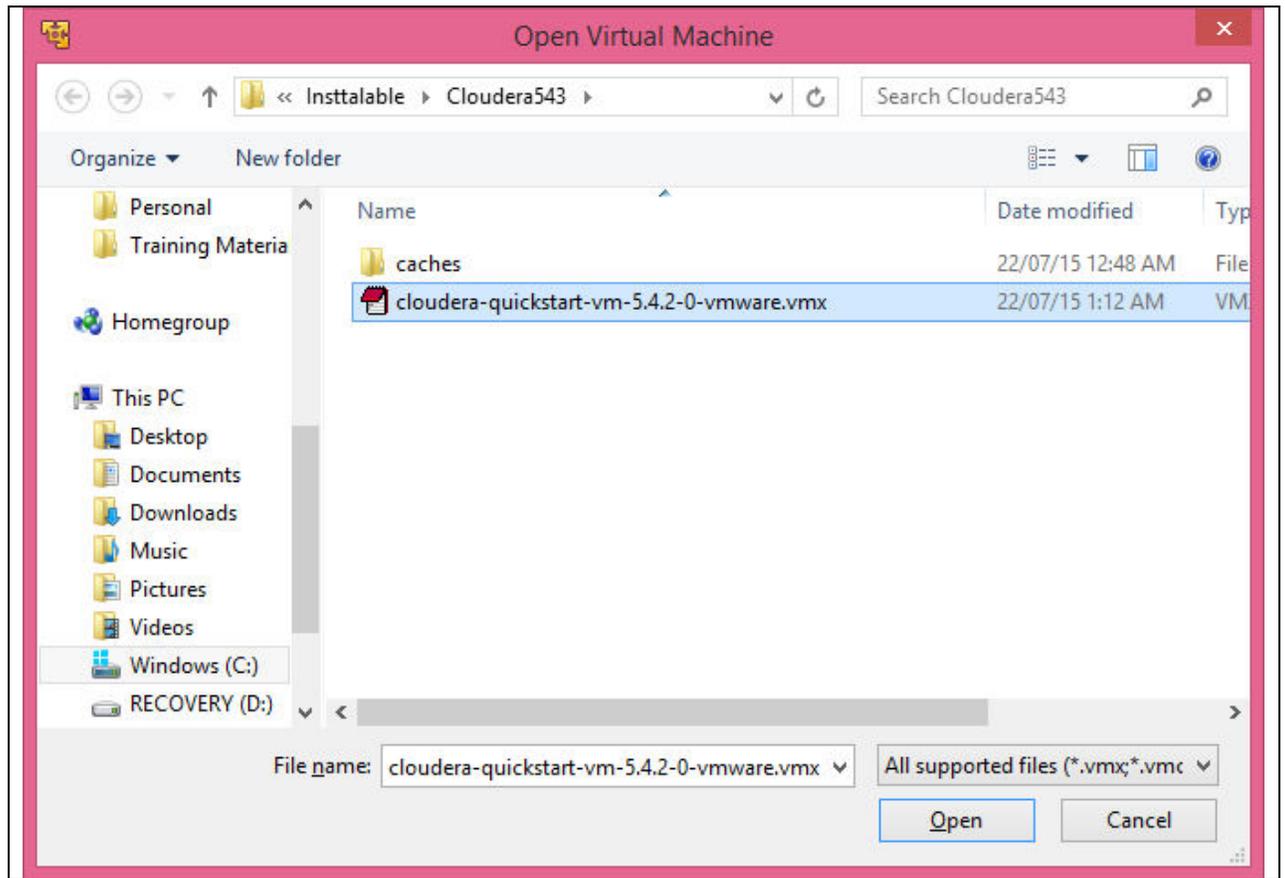
11. Start the VMPlayer just by clicking the icon on your desktop.



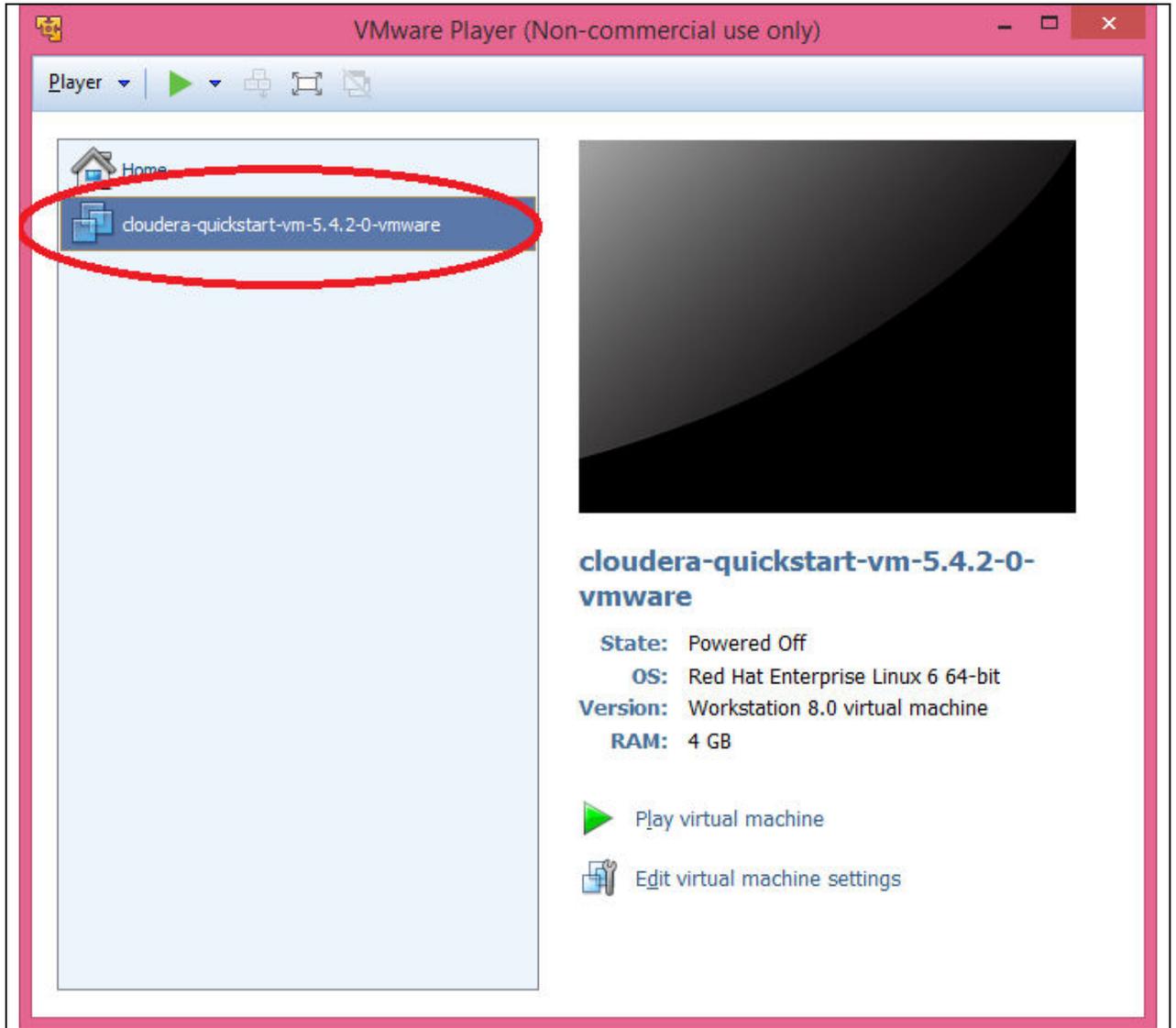
12. You will see following window. Now click on this window "Open a Virtual Machine"



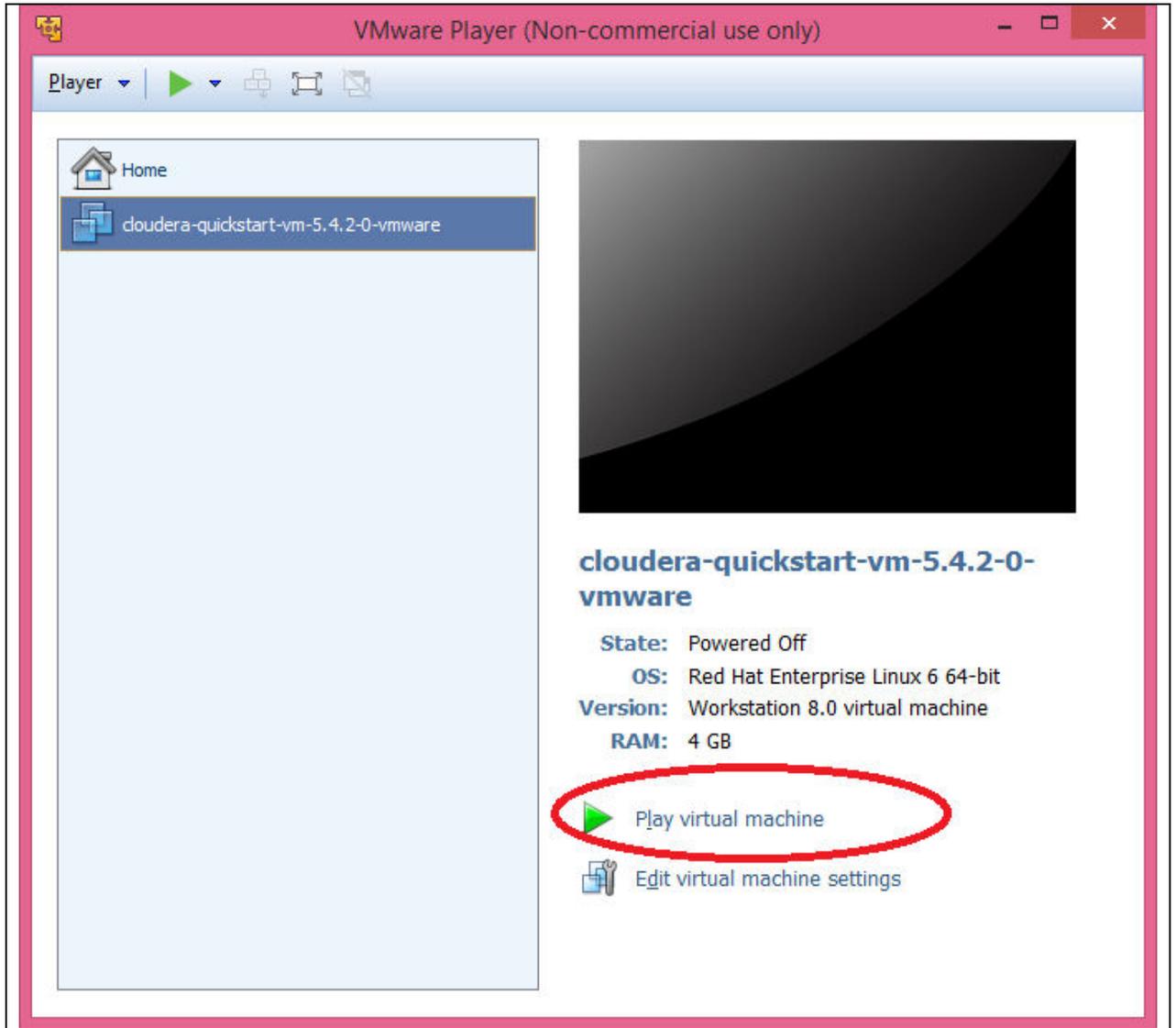
13. Select the file “cloudera-quickstart-vm-5.4.2-0-vmware.vmx”



14. Now you will see, your Cloudera VM is added in Left Hand Side. No change is required.



15. Click on "Play virtual machine"



16. Now the important point “Which we talked about in step 2”. If your Windows Machine is enabled with Virtualization Support then in few minutes VMPalyer will start Cloudera VM.

17. If Virtualization is not enabled you will see following Pop-up, with error message below.

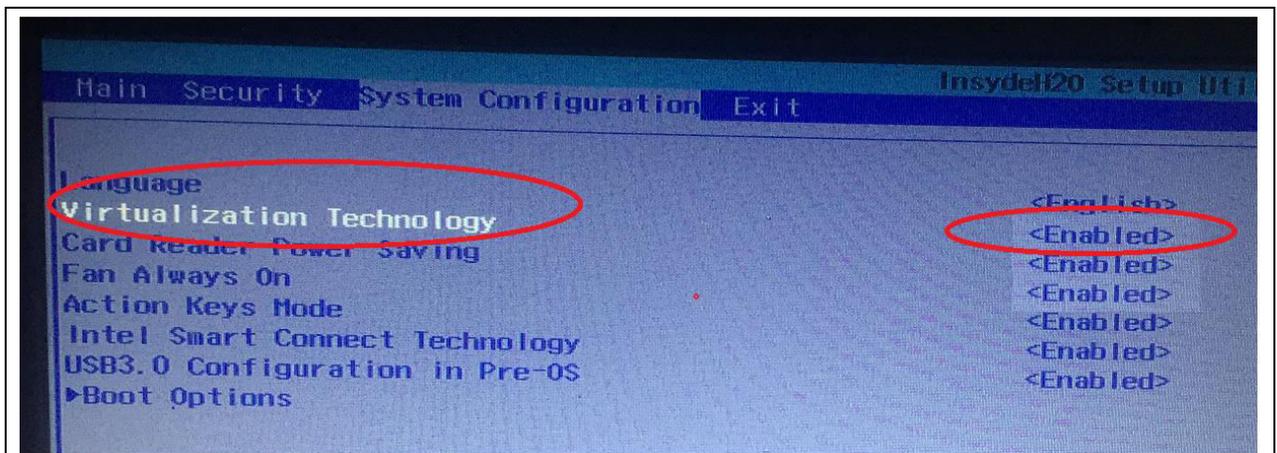
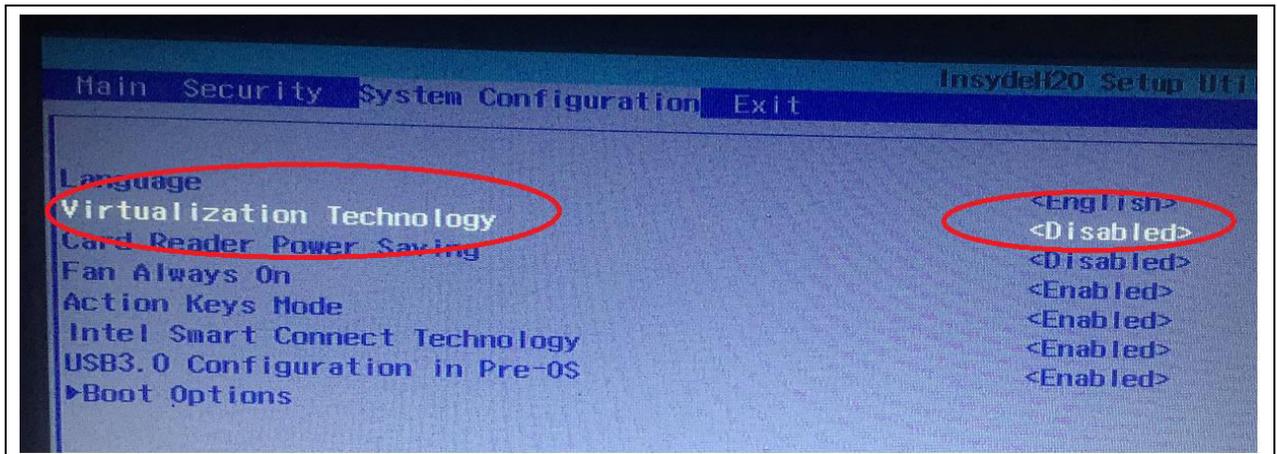
- This virtual machine is configured for 64-bit guest operating systems. However, 64-bit operation is not possible.
- This host supports Intel VT-x, but Intel VT-x is disabled.
- Intel VT-x might be disabled if it has been disabled in the BIOS/firmware settings or the host has not been power-cycled since changing this setting.
- (1) Verify that the BIOS/firmware settings enable Intel VT-x and disable 'trusted execution.'
- (2) Power-cycle the host if either of these BIOS/firmware settings have been



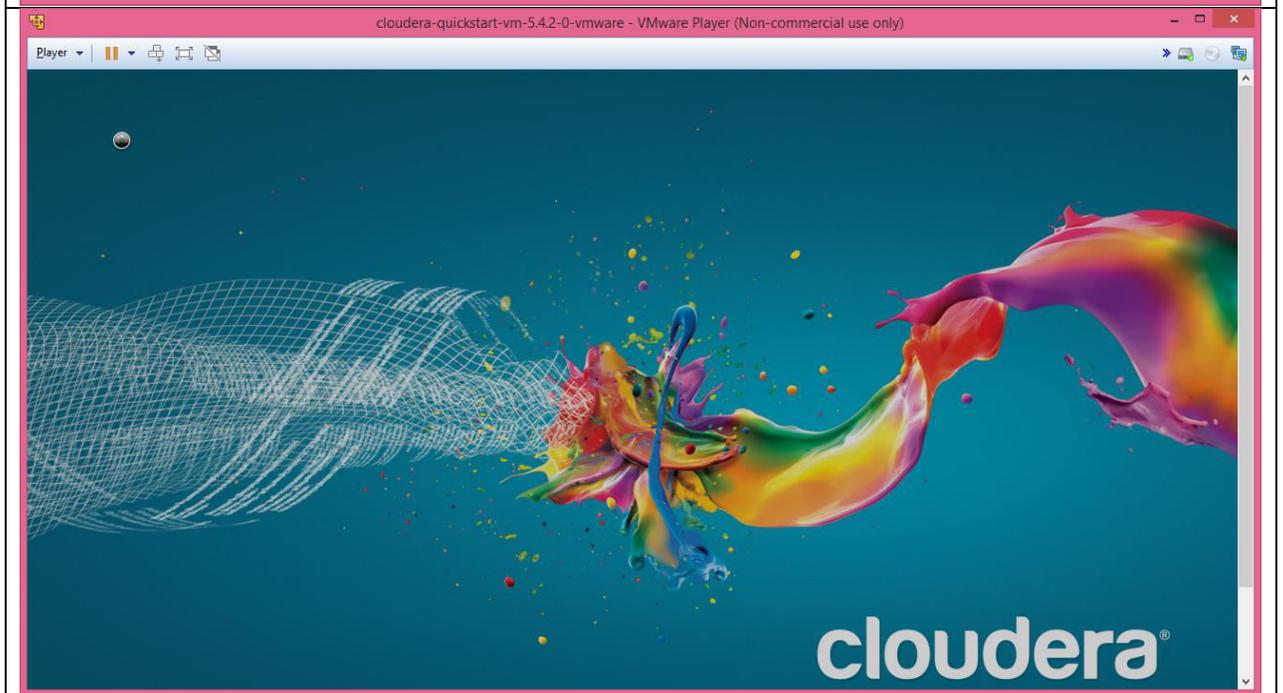
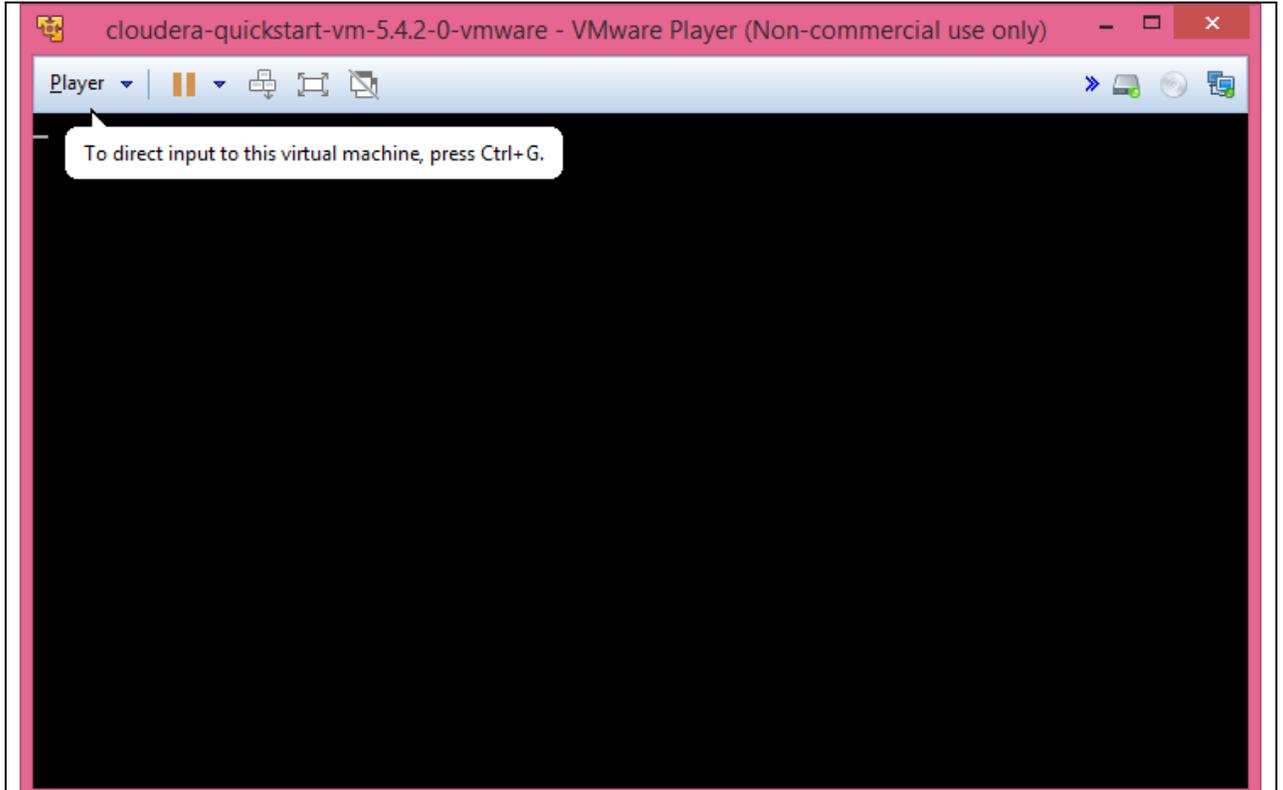
changed.

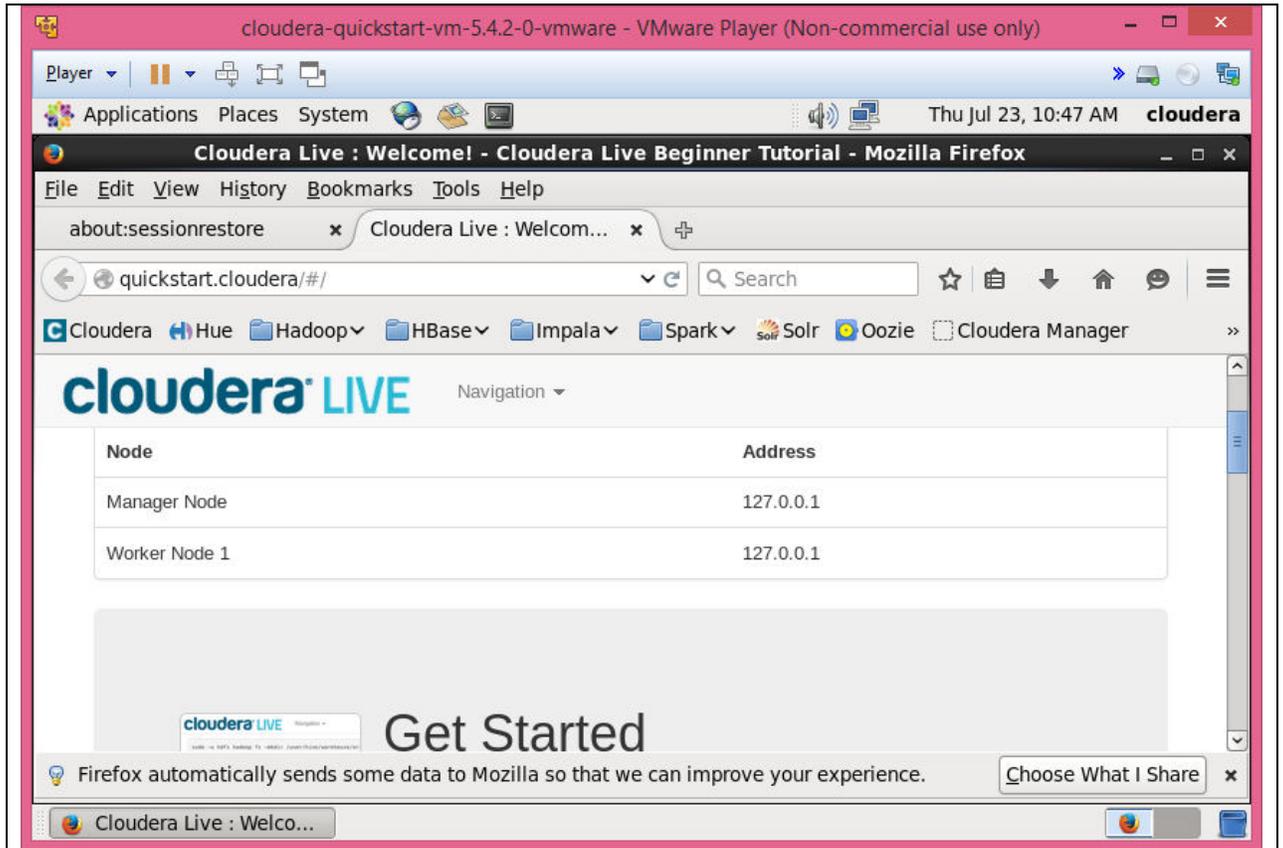
- (3) Power-cycle the host if you have not done so since installing VMware Workstation.
- (4) Update the host's BIOS/firmware to the latest version.
- For more detailed information, see <http://vmware.com/info?id=152>.

18. To solve above problem must be simple. Go to your windows machine Bios setting and enable the virtualization as shown in below. (Your machine could have little different way to do this)

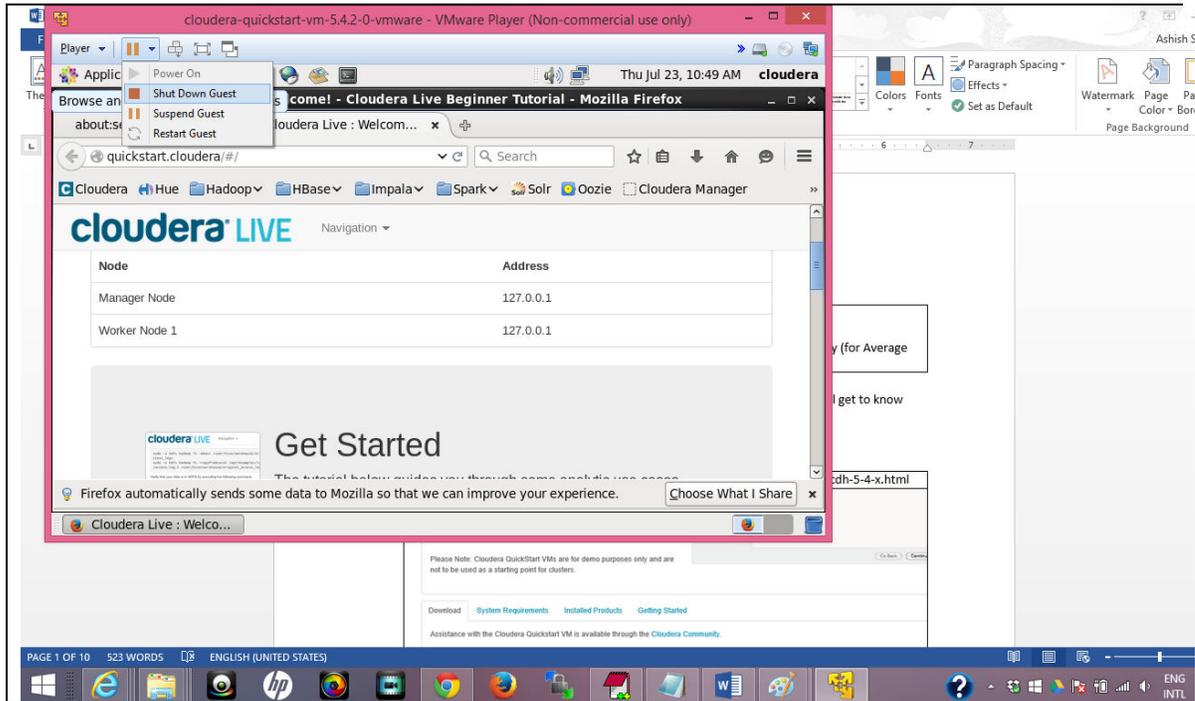


19. Some Screens while VM Starts (It will take little longer apporx. 5 mins)





- 20. Now VM is Up and Running.
- 21. Shutdown VM, if you are done.



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