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## 02. Installing & getting started with Cloudera QuickStart on VMWare for windows in 17 steps

 Posted on [September 30, 2017](#)

**Prerequisite:** At least 12GB+ RAM (i.e. 4GB+ for operating system & 8GB+ for Cloudera), although 16 GB+ is preferred. 80GB Hard Disk. Cloudera runs on **CentOS**, which is the community edition of the Linux. Windows system must support **64-bit**.

This post is obsolete with the newer version of Cloudera.

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300+ Big Data FAQs



Tutorials - Big Data



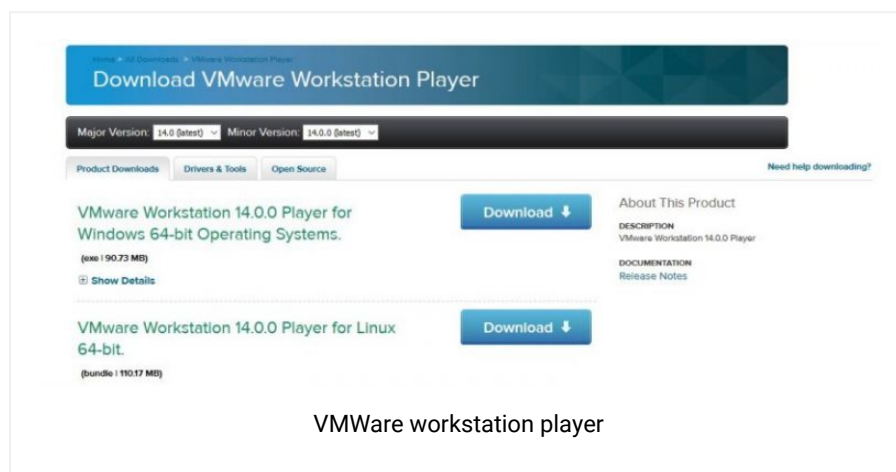
TUT -  Starting Big Data

TUT - Starting Spark & Scala

# Install VMWare for Windows

**Step 1:** Download the VMWare player for Windows from <https://my.vmware.com/web/vmware/free> and then select **VMWare Workstation Player**. The URL used for this download is “[https://my.vmware.com/web/vmware/free#desktop\\_end\\_user\\_computing/vmware\\_workstation\\_player/14\\_0](https://my.vmware.com/web/vmware/free#desktop_end_user_computing/vmware_workstation_player/14_0)”.

**Step 2:** Install the downloaded VMWare by double clicking on the downloaded “.exe” file. Restart windows after installing.



VMWare workstation player

TUT - Starting with Python

TUT - Kafka

TUT - Pig

TUT - Apache Storm

TUT - Spark Scala on Zeppelin

TUT - Cloudera

TUT - Cloudera on Docker

TUT - File Formats

TUT - Spark on Docker

TUT - Flume

TUT - Hadoop (HDFS)

TUT - HBase (NoSQL)

TUT - Hive (SQL)

TUT - Hadoop & Spark

TUT - MapReduce

TUT - Spark and Scala

TUT - Spark & Java


TUT - PySpark on Databricks

TUT - Zookeeper

# Install Cloudera for VMWare


**Step 1:** Download the Cloudera quickstart-vm for VMWare (e.g. cloudera-quickstart-vm-5.12.0-0-vmware) for Windows from “[https://www.cloudera.com/downloads/quickstart\\_vms/5-12.html](https://www.cloudera.com/downloads/quickstart_vms/5-12.html)”.


## 800+ Java Interview Q&As

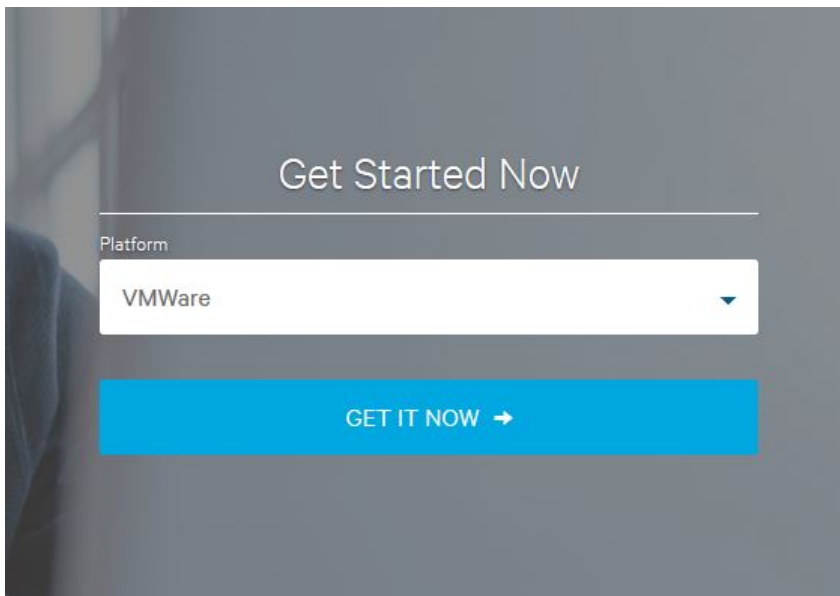
300+ Core Java Q&As 

300+ Enterprise Java Q&As 

150+ Java Frameworks Q&As 

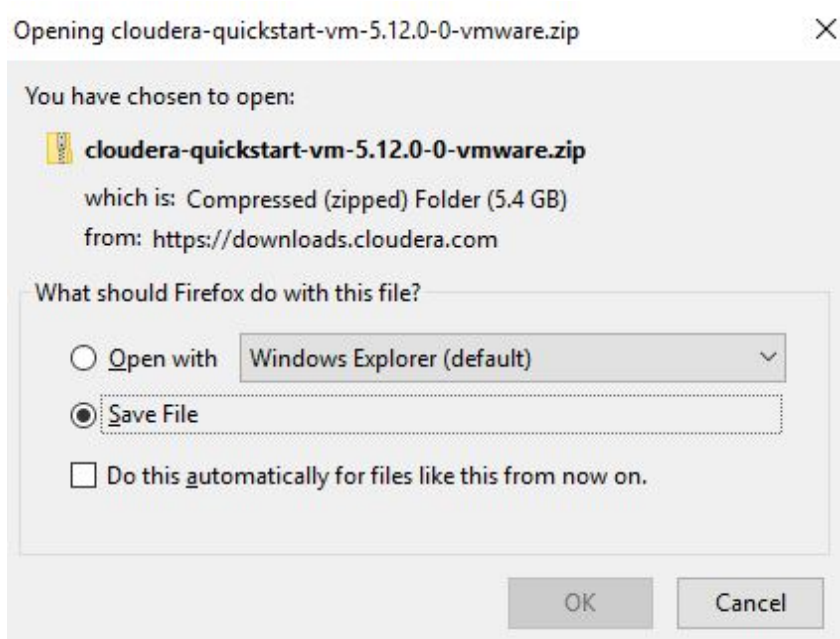
120+ Companion Tech Q&As 

Tutorials - Enterprise Java 



Cloudera Quickstart forVMWare

Fill in the form and mark the purpose as self-learning, and download the “zip” file, which will take some time to download.

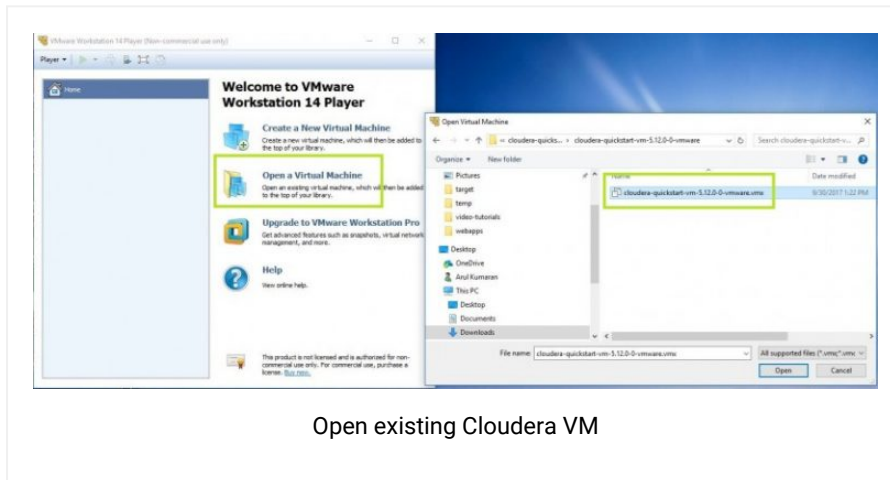


Cloudera quickstart VMWare zip file

**Step 2:** Extract the downloaded “cloudera-quickstart-vm-5.12.0-0-vmware.zip”.

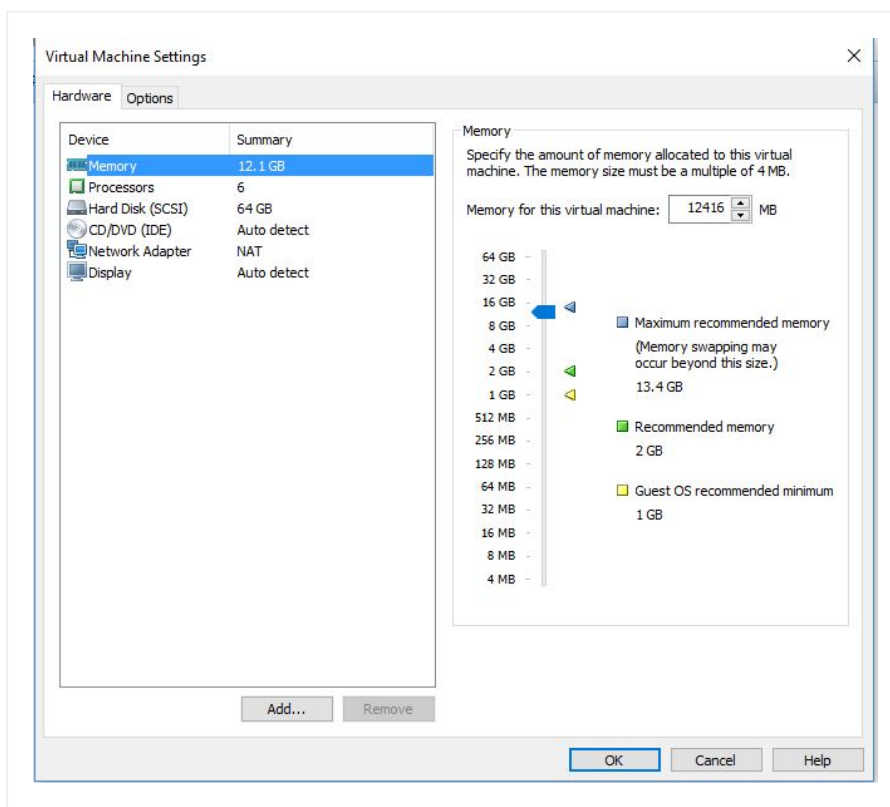
**Step 3:** Open up the installed **VMWare Workstation** **Player** for non-commercial use to learn Cloudera.

**Step 4:** Open a virtual machine by selecting previously downloaded and extracted file “cloudera-quickstart-vm-5.12.0-0-vmware.vmx” as shown below.



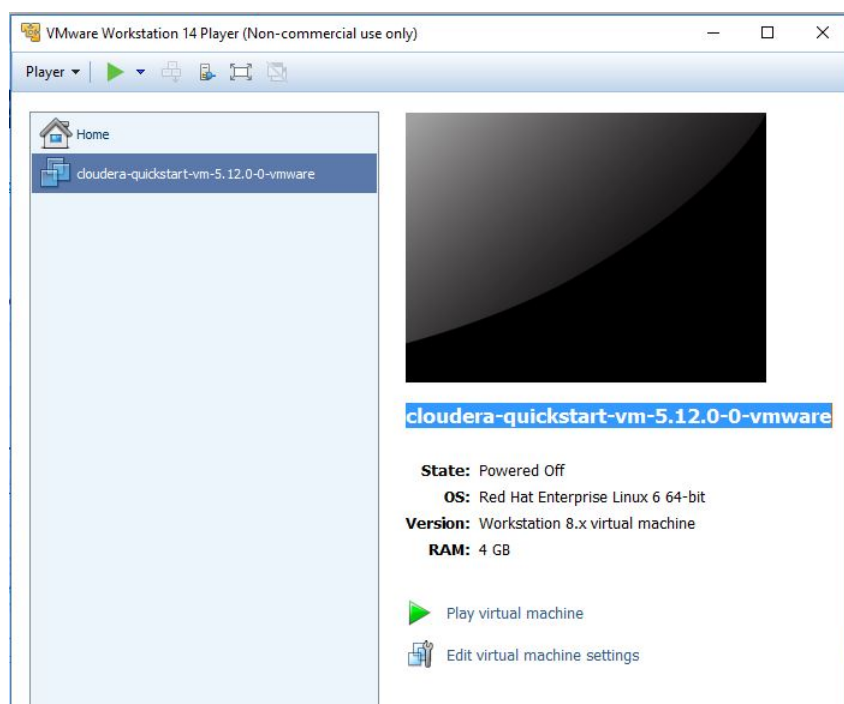
Open existing Cloudera VM

**Step 5:** Click on edit settings and allocate at least “2 CPU Cores” and “8 GB” RAM. You need “4GB” RAM for the operating system and the remaining for the VM. You can find out your windows system info via **start -> run** and then type “msinfo32.exe”.



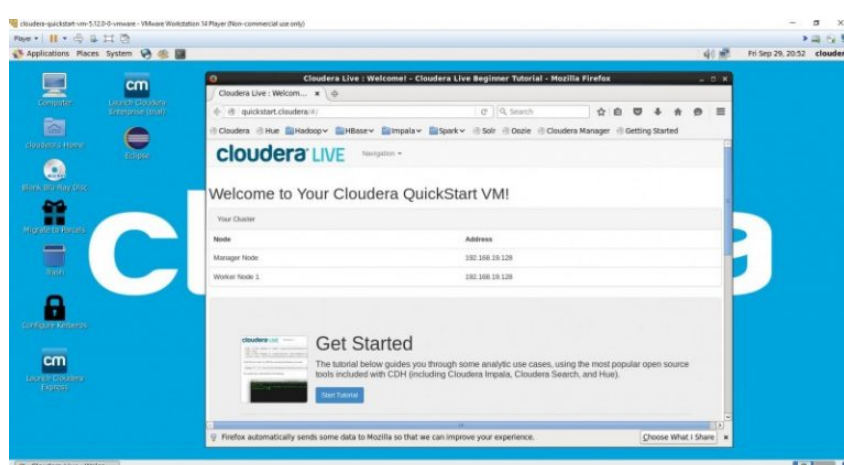
Minimum 2 cores and 8GB RAM

## Step 6: Click on play.



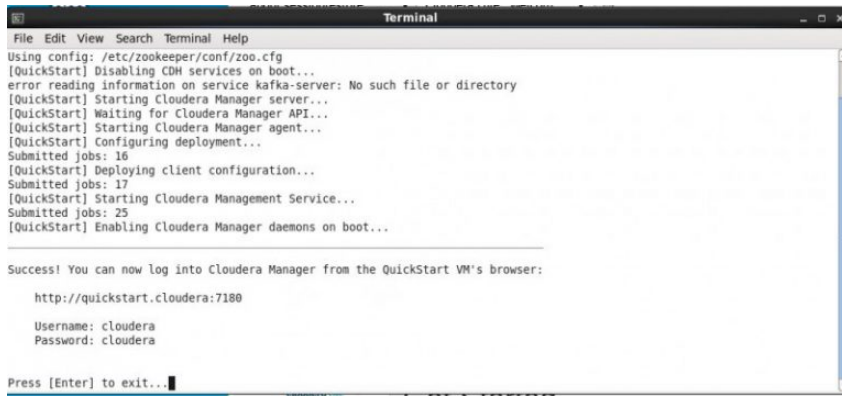
Cloudera on VMWare

## Step 7: Once it has started, you will see the following screen.



Cloudera Quickstart on VMWare

## Step 8: Click on the Launch Cloudera Express.



```
File Edit View Search Terminal Help
Using config: /etc/zookeeper/conf/zoo.cfg
[QuickStart] Disabling CDH services on boot...
error reading information on service kafka-server: No such file or directory
[QuickStart] Starting Cloudera Manager server...
[QuickStart] Waiting for Cloudera Manager API...
[QuickStart] Starting Cloudera Manager agent...
[QuickStart] Configuring deployment...
Submitted jobs: 16
[QuickStart] Deploying client configuration...
Submitted jobs: 17
[QuickStart] Starting Cloudera Management Service...
Submitted jobs: 25
[QuickStart] Enabling Cloudera Manager daemons on boot...

Success! You can now log into Cloudera Manager from the QuickStart VM's browser:

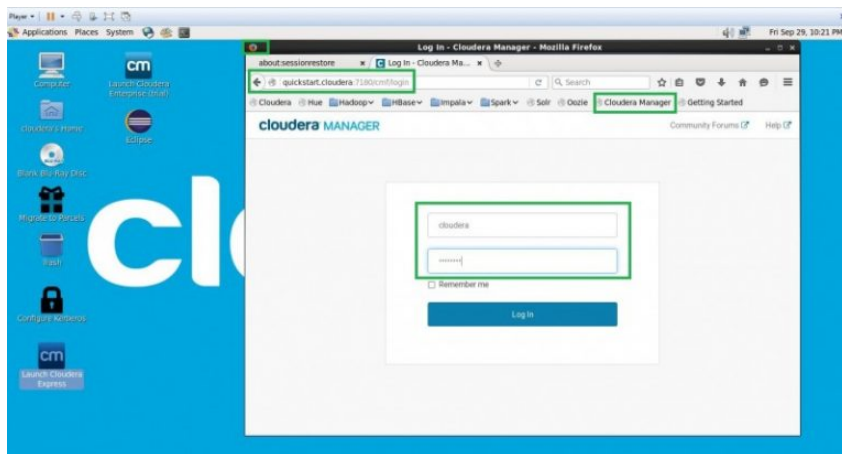
http://quickstart.cloudera:7180

Username: cloudera
Password: cloudera

Press [Enter] to exit...
```

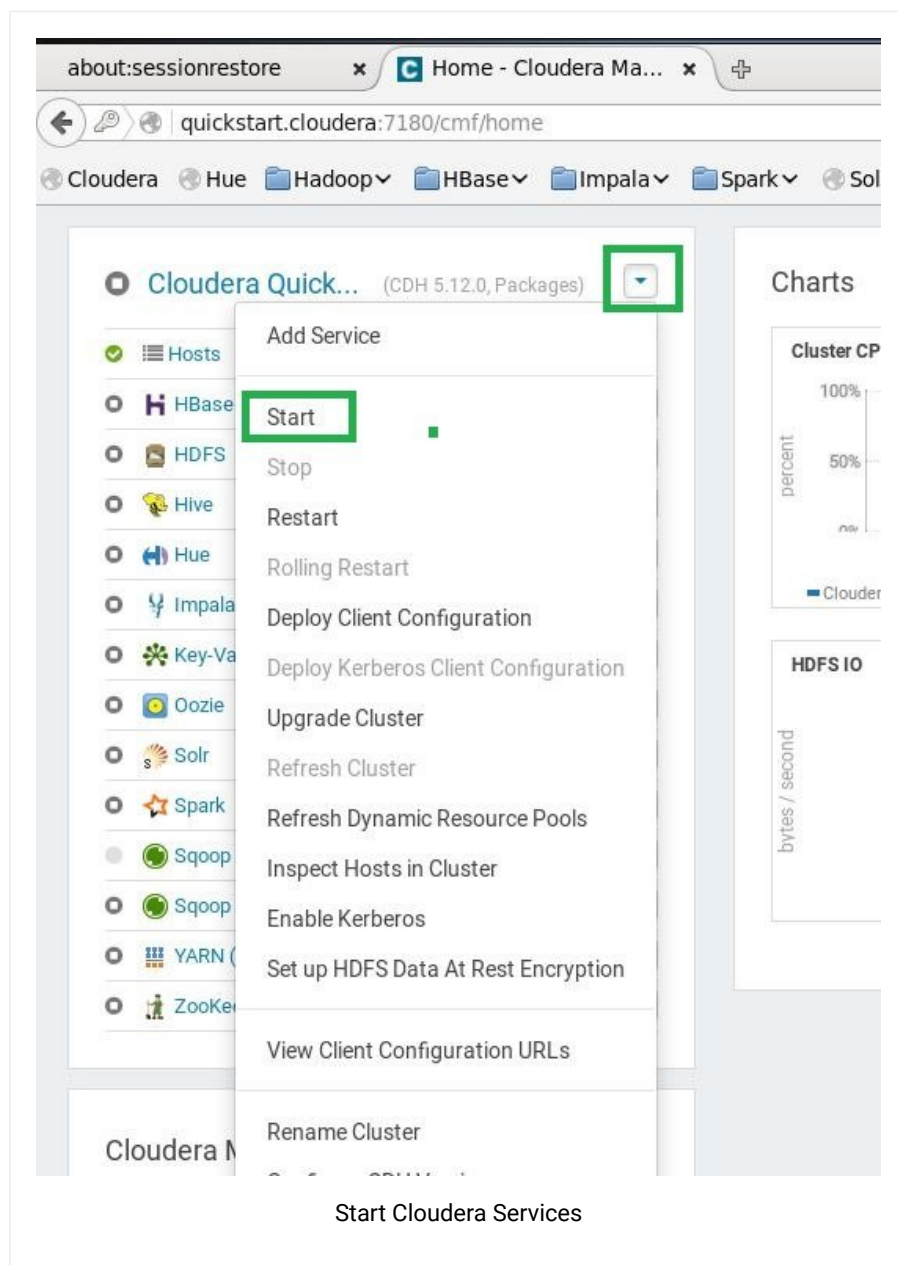
Launch Cloudera Express

**Step 9:** Login to **Cloudera Manager** with “cloudera” and “cloudera” as username/password.



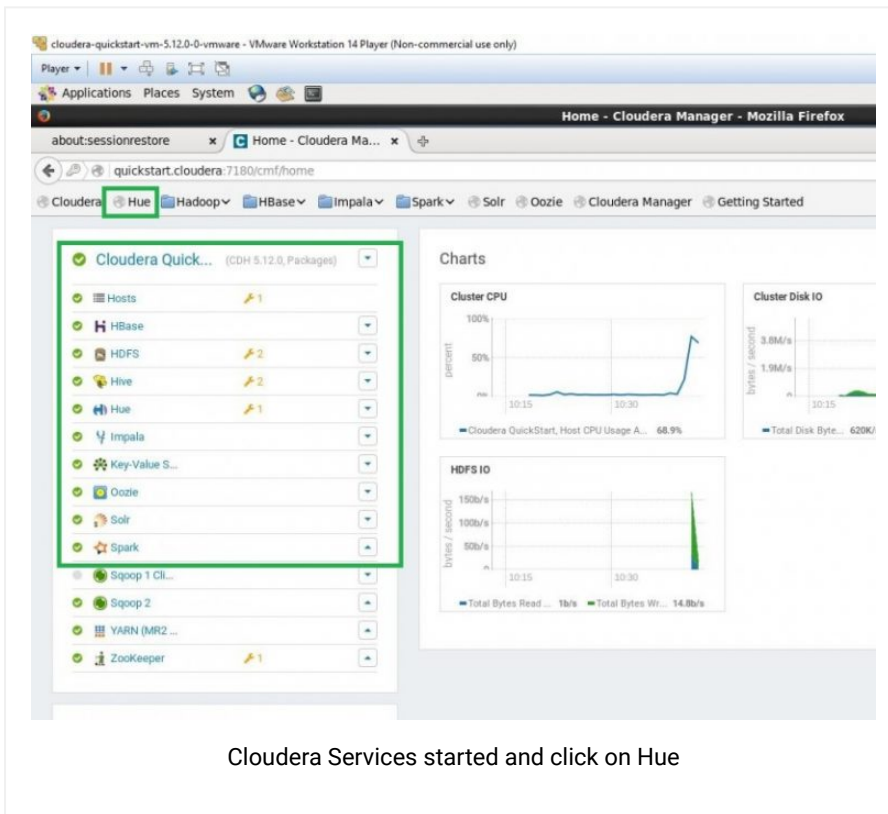
Cloudera Manager Login

**Step 10:** Start all the services.

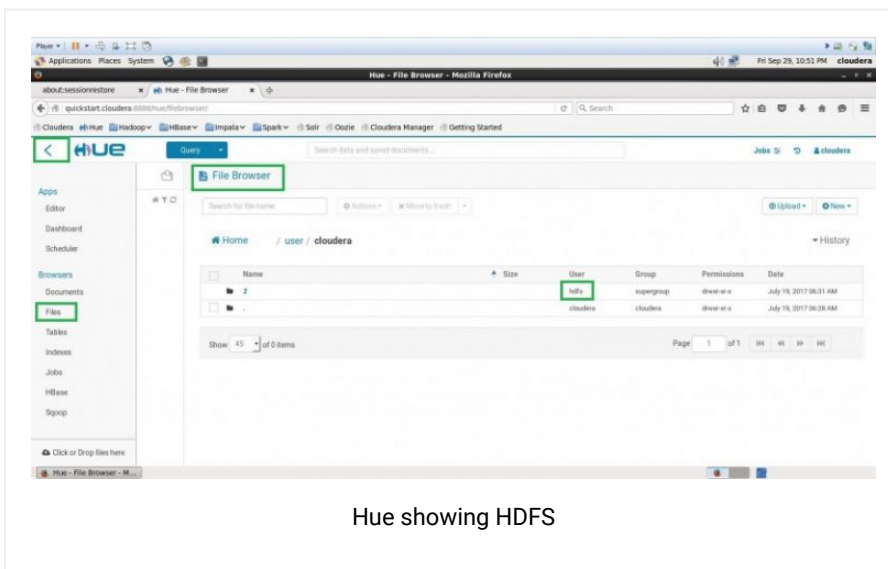


**Step 11:** Start **Hue**, which is web interface for HDFS, HBase, Spark UI, Hive, etc.



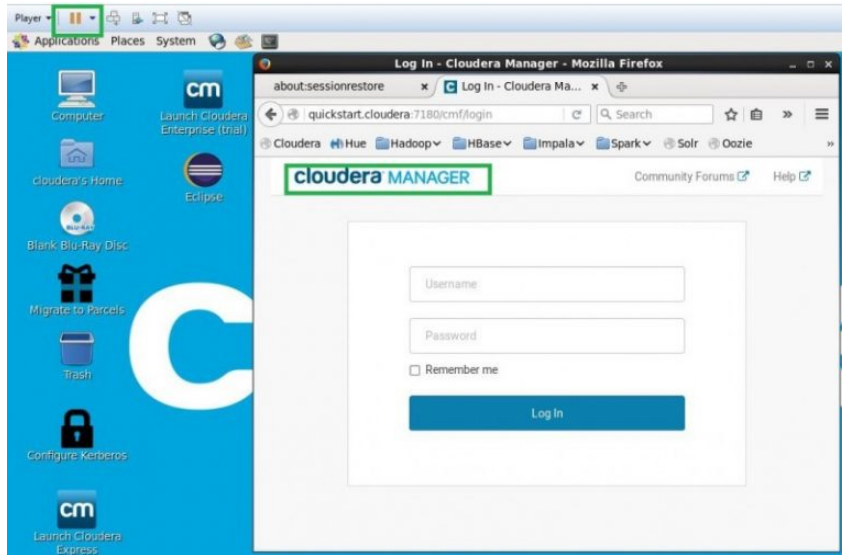


**Step 12:** Login to Hue with “cloudera/cloudera”. The HaDooP File System (i.e HDFS) is shown below.



**Step 13:** Logout of Hue and Cloudera Manager, and then shut down VM.





Logout & Shutdown the VM

## What is next?

### Upgrading Java version in Cloudera Quickstart

◀ 15: Q109 – Q113 Spark RDD partitioning and “mapPartitions” interview questions & answers

03. Upgrading Java version in Cloudera Quickstart ▶

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