**Accessing HBase Shell on both**

**Cloudera Quickstart VM and CDH EC2 INSTANCE**

HBase provides an interactive shell that executes commands that perform specific operations.

**IMPORTANT INSTRUCTIONS**

* We switch to the “root user” after logging in as “ec2-user”, this step is not mandatory.
* We created a directory named “HBase” in AWS EC2 Instance, however this is also not mandatory.
* The following notations have been used:

[cloudera@quickstart ~]$ **Command** or [ec2-user@ip-10-0-0-105 ~]$ **Command**

or [root@ip-10-0-0-105 HBase]# **Command** or [root@ip-10-0-0-105 ~]# **Command**

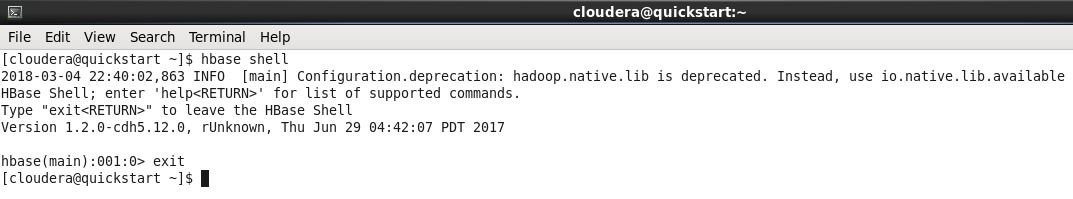
As shown above, the command to be run is written in **bold.**

* Be careful with the spaces in the commands.

**Steps to Access HBase shell on Cloudera Quickstart VM**

1. Start the Cloudera Quickstart VM on Virtualbox. Open terminal and proceed as follows:
2. You may access the HBase shell by using the “hbase shell” command

[cloudera@quickstart ~]$ **hbase shell**

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**Figure: 1**

1. Execute the shell commands taught in the video lecture.
2. After executing the commands, You may exit the HBase shell by entering exit as shown in Figure 1.

hbase(main):002:0> **exit**

**Steps to Access HBase shell on CDH EC2 Instance**

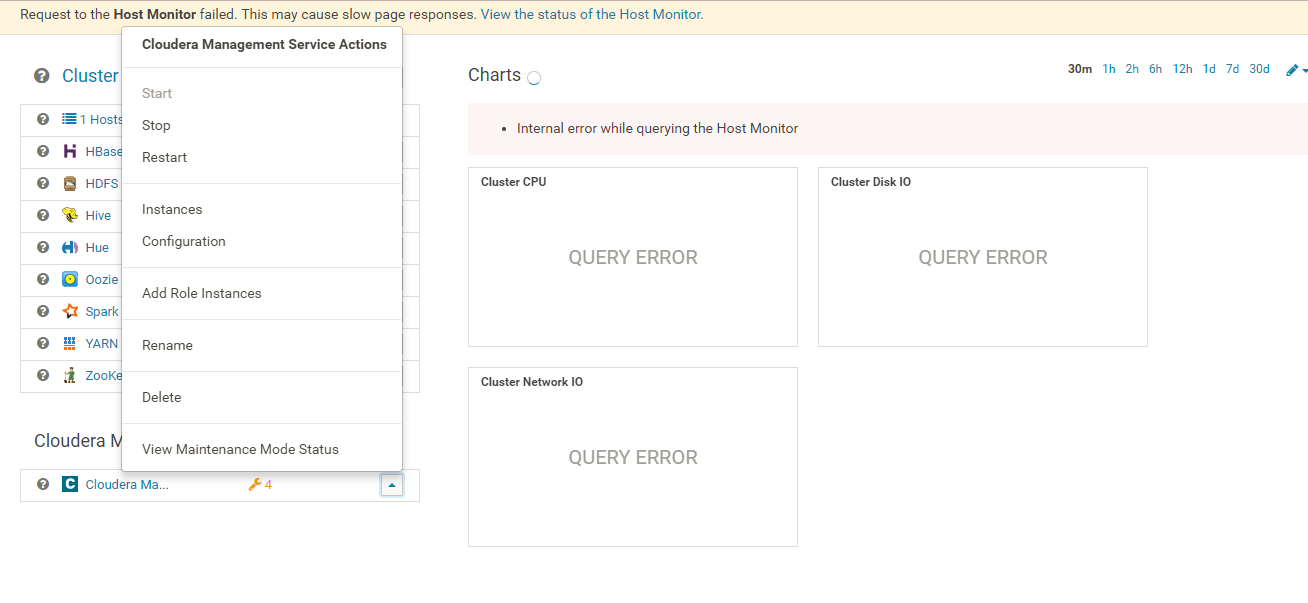
1. After starting the CDH instance from EC2 dashboard, login to Cloudera manager from your browser and restart the Cloudera Management Services.

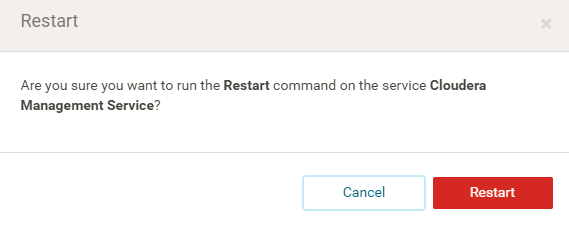
Use the url: [http://**<Your instance’s public ip>**:7180](https://docs.google.com/document/d/1ENVFuwHYk4LJwvR0_GTIYADsNv-4cm2CymBha6oFhZ0/edit?ts=5a965d62#)

Username:**admin**

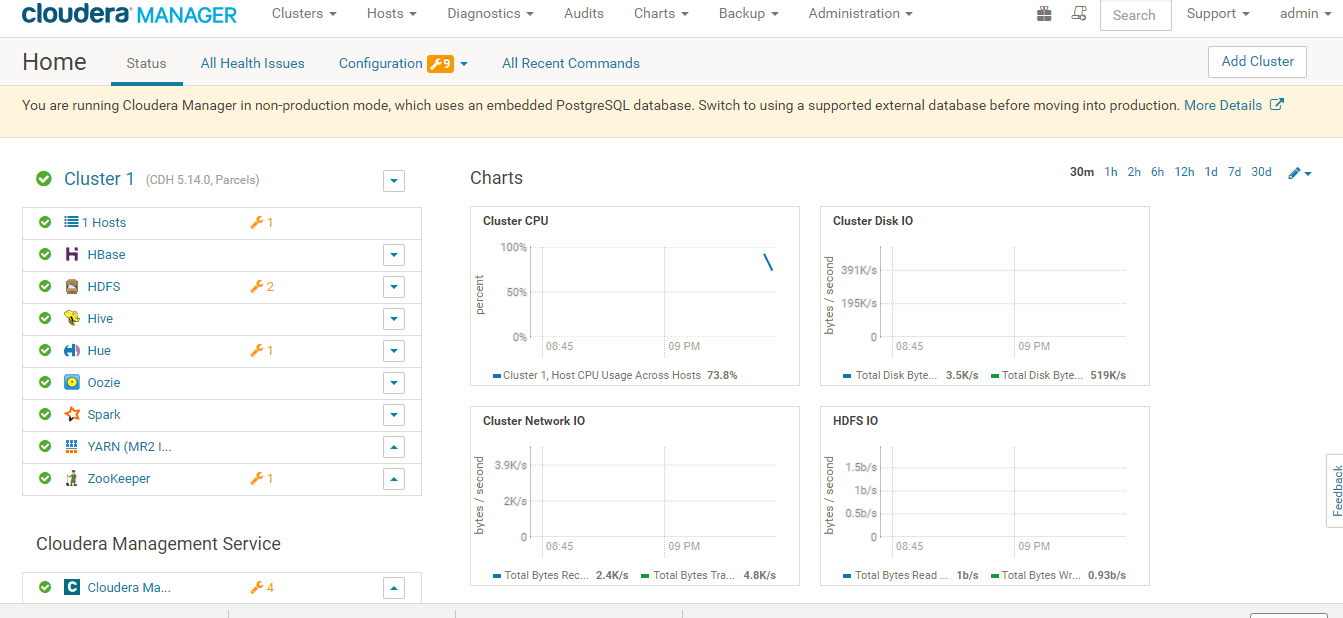
Password:**admin**

1. Click on **‘Restart’** to restart the cloudera management services.





1. Wait for few minutes and click on **close** and wait until services is green.



1. Connect to the EC2 instance using PuTTY. Once connected, we log in as an ec2- user. We now need to switch to the root user using the **sudo -i** command (not mandatory)

[ec2-user@ip-10-0-0-105 ~]$ **sudo -i**



5. Create one directory name as HBase using mkdir command and enter to Hbase directory. (not mandatory)

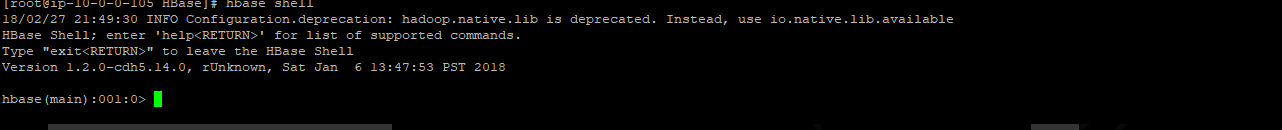
[root@ip-10-0-0-105 ~]# **mkdir HBase**

[root@ip-10-0-0-105 ~]# **cd HBase/**



6. You may access the HBase shell by using the “hbase shell” command

[root@ip-10-0-0-105 HBase]# **hbase shell**



7. Execute the shell commands taught in the video lecture.

8. After executing the commands, You may exit the HBase shell by entering exit.

hbase(main):002:0> **exit**

