Accessing HBase shell on AWS EMR

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

IMPORTANT INSTRUCTIONS

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

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

  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 EMR instance

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

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

2. Create one directory name as HBase using mkdir command and enter the HBase directory. (not mandatory)

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

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

3. You may access the HBase shell by using the "hbase shell" command
[root@ip-10-0-0-105 HBase]# **hbase shell**

```
[root@ip-172-31-36-143 HBase]# hbase shell
HBase Shell
Use "help" to get list of supported commands.
Use "exit" to quit this interactive shell.
Version 1.4.13, rUnknown, Fri Apr 17 15:18:24 UTC 2020

hbase(main):001:0>
```

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

5. After executing the commands, You may exit the HBase shell by entering exit.
hbase(main):002:0> **exit**

```
hbase(main):002:0> exit
[root@ip-10-0-0-105 HBase]#
```