STEP 1:

Install hive 3.1.3

1.1:

Extract it using tar -xzf file name

1.2:

mv file\_name hive

STEP 2:

cd hive/conf

2.1:

cp hive\_default.xml.template hive-site.xml

2.2:

nano hive-site.xml

(Add the following in property tag)

<property>

<name>system:java.io.tmpdir</name>

<value>/tmp/hive/java</value>

</property>

<property>

<name>system:user.name</name>

<value>${user.name}</value>

</property>

2.3

Click ctrl+w and write:

hive.metastore.warehouse.dir

Copy the dir in the value tag

2.4

Ctrl + /

Search 3224 and enter

Remove the red wordings

Step 3:

nano ~./bashrc

Paste this below

# For bashrc

export JAVA\_HOME=/usr/lib/jvm/java-8-openjdk-amd64

export HADOOP\_HOME=/home/rakib/hadoop

export HADOOP\_INSTALL=$HADOOP\_HOME

export HADOOP\_MAPRED\_HOME=$HADOOP\_HOME

export HADOOP\_COMMON\_HOME=$HADOOP\_HOME

export HADOOP\_HDFS\_HOME=$HADOOP\_HOME

export HADOOP\_YARN\_HOME=$HADOOP\_HOME

export HADOOP\_COMMON\_LIB\_NATIVE=$HADOOP\_HOME/lib/native

export PATH=$PATH:$HADOOP\_HOME/bin:$HADOOP\_HOME/sbin

export HADOOP\_OPTS="-Djava.library.path=$HADOOP\_HOME/lib/native"

export HIVE\_HOME=/home/rakib/hive #change this accordingly

export HIVE\_CONF\_DIR=$HIVE\_HOME/conf

export PATH=$PATH:$HIVE\_HOME/bin

export CLASSPATH=$CLASSPATH:$HADOOP\_HOME/lib/\*:.

export CLASSPATH=$CLASSPATH:$HIVE\_HOME/lib/\*:.

Run source to save

Step 4:

# Hdfs folder creation

hdfs dfs -mkdir -p /user/hive/warehouse

hdfs dfs -mkdir /tmp

# Hdfs folder access permison commands

hdfs dfs -chmod g+w /user

hdfs dfs -chmod g+wx /user

hdfs dfs -chmod g+w /tmp

hdfs dfs -chmod g+wx /tmp

Step 5:

5.1 :

cp hive-env.sh.template hive-env.sh

5.2:

nano hive-env.sh

5.3:

Uncomment hadoop home and add the hadoop’s path

(cd hadoop -3.2.3 bin and pwd)

Step 6:

Cd hive/bin/lib

6.1:

rm guava file

6.2

Cd hadoop -3.2.3 bin/share/hadoop/common/lib

6.3:

Copy the guava file using readlink -f

6.4 :

Paste this link and copy this guava to hive

Step 7:

Cd hive/scripts/metastore/derby

7.1:

nano hive schema 3.1.0 derby.sql

7.2:

Comment first 2 create commands

Step 8:

Cd hive/bin

schematool dbtype derby -initschema

Then access hive