**Download and extract hive tar file:**

cd /opt

wget <https://downloads.apache.org/hive/hive-3.1.2/apache-hive-3.1.2-bin.tar.gz>

tar -xzvf apache-hive-3.1.2-bin.tar.gz

**Create symbolic link**

ln -s apache-hive-3.1.2-bin hive

**Update `bashrc`**

cd

vi .bashrc

export HIVE\_HOME=/opt/hive

export HIVE\_CONF\_DIR=/opt/hive

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

source .bashrc

**Create Hive Directory in HDFS:**

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

hdfs dfs -chmod g+w /user/hive/warehouse

hdfs dfs -mkdir /tmp

hdfs dfs -chmod g+w /tmp

**Make directory for MySQL Connector download:**

cd

mkdir mysqlconnector

**Download MySQL Connector and place in hive lib folder:**

**cd**

**cd mysqlconnector**

sudo wget <https://dev.mysql.com/get/Downloads/Connector-J/mysql-connector-java_8.0.23-1ubuntu16.04_all.deb>

sudo dpkg -x mysql-connector-java\_8.0.23-1ubuntu16.04\_all.deb /

cd /usr/share/java

sudo cp mysql-connector-java-8.0.23.jar /usr/local/apache-hive-3.1.2-bin/lib

**To avoid error during hive service start up:**

cd /usr/local/hadoop-3.3.0/share/hadoop/common/lib/

sudo cp guava-27.0-jre.jar /usr/local/apache-hive-3.1.2-bin/lib/

cd /usr/local/apache-hive-3.1.2-bin/lib/

sudo mv guava-19.0.jar guava\_back-19.0.jar

**Configure metastore credentials:**

cd /opt/hive/conf

cp hive-default.xml.template hive-site.xml

<property>

<name>hive.metastore.uris</name>

<value>thrift://localhost:9083</value>

<description>Thrift URI for the remote metastore. Used by metastore client to connect to remote metastore.</description>

</property>

<property>

<name>javax.jdo.option.ConnectionPassword</name>

<value>admin</value>

<description>password to use against metastore database</description>

</property>

<property>

<name>javax.jdo.option.ConnectionURL</name>

<value>jdbc:mysql://localhost:3306/hivemetastore</value>

<description>

JDBC connect string for a JDBC metastore.

To use SSL to encrypt/authenticate the connection, provide database-specific SSL flag in the connection URL.

For example, jdbc:postgresql://myhost/db?ssl=true for postgres database.

</description>

</property>

<property>

<name>javax.jdo.option.ConnectionDriverName</name>

<value>com.mysql.cj.jdbc.Driver</value>

<description>Driver class name for a JDBC metastore</description>

</property>

<property>

<property>

<name>javax.jdo.option.ConnectionUserName</name>

<value>hive</value>

<description>Username to use against metastore database</description>

</property>

**Start hive metastore:**

hive --service metastore

Or

nohup hive --service metastore &

**Start hive client:**

hive

**Exit hive client:**

exit