<http://java.dzone.com/articles/how-configure-mysql-metastore>

1. Install  MySQL -

$ sudo apt-get install mysql-server

1. Install the MySQL Java Connector –

$ sudo apt-get install libmysql-java

1. Create soft link for connector in Hive lib directory  or copy connector jar to lib folder  –

ln -s /usr/share/java/mysql-connector-java.jar $HIVE\_HOME/lib/mysql-connector-java.jar

1. Create the Initial database schema using the **hive-schema-0.14.0.mysql.sql**file ( or the file corresponding to your installed version of Hive) located in the **$HIVE\_HOME/scripts/metastore/upgrade/mysql** directory.

$ mysql -u root -p

Enter password:

mysql> CREATE DATABASE metastore;

mysql> USE metastore;

mysql> SOURCE $HIVE\_HOME/scripts/metastore/upgrade/mysql/hive-schema-0.14.0.mysql.sql;

Note : Select appropriate version based on the HIVE version you have installed.

1. You also need a MySQL user account for Hive to use to access the metastore. It is very important to prevent this user account from creating or altering tables in the metastore database schema.

mysql> CREATE USER 'hiveuser'@'%' IDENTIFIED BY 'hivepassword';

mysql> GRANT all on \*.\* to 'hiveuser'@localhost identified by 'hivepassword';

mysql> flush privileges;

1. Create hive-site.xml ( If not already present) in $HIVE\_HOME/conf folder with the configuration below –

<configuration>

<property>

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

<value>jdbc:mysql://localhost/metastore?createDatabaseIfNotExist=true</value>

<description>metadata is stored in a MySQL server</description>

</property>

<property>

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

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

<description>MySQL JDBC driver class</description>

</property>

<property>

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

<value>hiveuser</value>

<description>user name for connecting to mysql server</description>

</property>

<property>

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

<value>hivepassword</value>

<description>password for connecting to mysql server</description>

</property>

</configuration>

NOTE : If you have configured your machine as nn1.cluster.com then replace localhost with ‘nn1.cluster.com’

1. We are all set now. Start the hive console.

**Note** :- If you are seeing any error related to Driver “com.mysql.jdbc.Driver” not found, Please make sure you have copied the mysql-java connector jar properly to Hive lib folder or created a soft link for the same.

If you have reached this far, without any errors, you can continue reading else , Go back to step 1 and see what you missed.

Now we’ll test through hive console and mysql console if our Hive Metastore using MySQL is configured properly.

Hive console:

Let’s create a table in Hive.

hive> create table saurzcode(id int, name string);

mysql -u root -p

Enter password:

mysql> use metastore;

mysql> show tables ;

You can query the metastore schema in your MySQL database. Something like:

mysql> select \* from TBLS;