**Sqoop Installation**

su hduser

cd ~

wget http://archive.apache.org/dist/sqoop/1.4.6/sqoop-1.4.6.bin\_\_hadoop-2.0.4-alpha.tar.gz

tar -xvzf [sqoop-1.4.6.bin\_\_hadoop-2.0.4-alpha.tar.gz](http://redrockdigimark.com/apachemirror/sqoop/1.4.6/sqoop-1.4.6.bin__hadoop-2.0.4-alpha.tar.gz)

mv sqoop-1.4.6.bin\_\_hadoop-2.0.4-alpha sqoop

sudo mv /home/hduser/sqoop /usr/local

sudo chown -R hduser:hadoop /usr/local/sqoop

nano ~/.bashrc

### Sqoop Home directory ####

export SQOOP\_HOME=/usr/local/sqoop

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

export SQOOP\_CLASSPATH=$SQOOP\_CONF\_DIR:$SQOOP\_HOME/lib:$SQOOP\_HOME

export PATH="$SQOOP\_HOME/bin:$PATH"

export SQOOP\_JAR\_DIR=$SQOOP\_HOME

export HADOOP\_CLASSPATH=$HADOOP\_CLASSPATH:$SQOOP\_CLASSPATH

export SQOOP\_USER\_CLASSPATH=$SQOOP\_HOME

source ~/.bashrc

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cd /usr/local/hadoop/etc/hadoop

ls yarn-site.xml

nano or gedit yarn-site.xml

Update /usr/local/hadoop/etc/hadoop/ yarn-site.xml with below properties

<configuration>

<property>

<name>yarn.nodemanager.aux-services</name>

<value>mapreduce\_shuffle</value>

</property>

<property>

<name>yarn.nodemanager.aux-service.mapreduce\_shuffle.class</name>

<value>org.apache.hadoop.mapred.ShuffleHandler</value>

</property>

<property>

<name>mapreduce.shuffle.port</name>

<value>2233</value>

</property>

</configuration>

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Add the below property in /usr/local/hadoop/etc/hadoop/mapred-site.xml

<property>

<name>mapreduce.framework.name</name>

<value>yarn</value>

</property>

sudo cp /usr/local/hive/lib/libthrift\*.jar  /usr/local/sqoop/lib

OR

cd /usr/local/hive/lib

ls libthrift\*.jar

sudo cp libthrift\*.jar  /usr/local/sqoop/lib

$ sudo cp /usr/local/sqoop/conf/sqoop-env-template.sh /usr/local/sqoop/conf/sqoop-env.sh

sudo nano /usr/local/sqoop/conf/sqoop-env.sh

Check and add if not present the below lines in /usr/local/sqoop/conf/sqoop-env.sh

export SQOOP\_HOME=/usr/local/sqoop

export SQOOP\_JAR\_DIR=$SQOOP\_HOME

export SQOOP\_CLASSPATH=$SQOOP\_HOME/lib

give all the path for

**hive**

export HIVE\_HOME=/usr/local/hive

**hbase**

export HBASE\_HOME=/usr/local/hbase

**hadoop mapred home**

export HADOOP\_MAPRED\_HOME=/usr/local/hadoop

**hadoop common home**

export HADOOP\_COMMON\_HOME=/usr/local/hadoop

Restart the hadoop services

$ stop-all.sh

$ start-all.sh

Now download the mysql jdbc connector from the following link

and copy the jar file which is under the zip file to lib under /usr/local/sqoop

https://dev.mysql.com/downloads/connector/j/

file name – (mysql-connector-java-5.1.44.tar.gz)

mysql-connector-java-5.1.44.tar.gz

it will be saved in Downloads folder

cd Downloads

sudo tar -xvzf mysql-connector-java-5.1.44.tar.gz

cd mysql-connector-java-5.1.44

cp mysql-connector-java-5.1.44-bin.jar **/usr/local/sqoop/lib/**

Sqoop is ready to connect to your mysql database

**$ sqoop help**