

### 3. Get and extract sqoop with tar

```
hadoop@ip-172-31-7-135: ~$ wget http://archive.apache.org/dist/sqoop/1.99.7/sqoop-1.99.7-bin-hadoop200.tar.gz
--2021-10-15 17:46:30-- http://archive.apache.org/dist/sqoop/1.99.7/sqoop-1.99.7-bin-hadoop200.tar.gz
Resolving archive.apache.org (archive.apache.org)... 138.201.131.134, 2a01:4f8:172:2ec5::2
Connecting to archive.apache.org (archive.apache.org)|138.201.131.134|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 102436055 (98M) [application/x-gzip]
Saving to: 'sqoop-1.99.7-bin-hadoop200.tar.gz'

sqoop-1.99.7-bin-hadoop200.tar.gz 100%[=====] 97.69M 14.6MB/s in 7.6s

2021-10-15 17:46:37 (12.9 MB/s) - 'sqoop-1.99.7-bin-hadoop200.tar.gz' saved [102436055/102436055]

hadoop@ip-172-31-7-135: ~$ tar -xzf sqoop-1.99.7-bin-hadoop200.tar.gz
```

### 4. get mysql java connector and copy inside sqoop directory server live Run sqoop shell.

```
hadoop@ip-172-31-7-135: ~/sqoop-1.99.7-bin-hadoop200/bin
jackson-mapper-asl-1.9.13.jar      snappy-java-1.0.5.jar      sqoop-server-1.99.7.jar
javax.servlet-api-3.1.0.jar      sqoop-common-1.99.7.jar    sqoop-submission-mapreduce-1.99.7.jar
jcommander-1.27.jar             sqoop-connector-ftp-1.99.7.jar sqoop-tools-1.99.7.jar
hadoop@ip-172-31-7-135: ~/sqoop-1.99.7-bin-hadoop200$ cd
hadoop@ip-172-31-7-135: ~$ wget http://www.mirrorservice.org/sites/ftp.mysql.com/Downloads/Connector-J/mysql-connector-java-5.1.48.tar.gz
--2021-10-15 17:59:22-- http://www.mirrorservice.org/sites/ftp.mysql.com/Downloads/Connector-J/mysql-connector-java-5.1.48.tar.gz
Resolving www.mirrorservice.org (www.mirrorservice.org)... 212.219.56.184, 2001:630:341:12::184
Connecting to www.mirrorservice.org (www.mirrorservice.org)|212.219.56.184|:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 4456335 (4.2M) [application/x-gzip]
Saving to: 'mysql-connector-java-5.1.48.tar.gz'

mysql-connector-java-5.1.48.tar.gz 100%[=====] 4.25M 4.54MB/s in 0.9s

2021-10-15 17:59:23 (4.54 MB/s) - 'mysql-connector-java-5.1.48.tar.gz' saved [4456335/4456335]

hadoop@ip-172-31-7-135: ~$ tar -xzf mysql-connector-java-5.1.48.tar.gz
hadoop@ip-172-31-7-135: ~$ cp mysql-connector-java-5.1.48/mysql-connector-java-5.1.48.jar /home/hadoop/sqoop-1.99.7-bin-hadoop200/server/11b
hadoop@ip-172-31-7-135: ~$ ls /home/hadoop/sqoop-1.99.7-bin-hadoop200/server/11b
avro-1.7.7.jar      commons-collections-3.2.2.jar      commons-dbcp-1.4.jar      commons-io-2.4.jar      commons-lang-2.5.jar      commons-pool-1.5.4.jar      connector-sdk-1.99.7.jar      connector-sdk-hadoop-1.99.7.jar      derby-10.8.2.2.jar      guava-11.0.2.jar      jackson-core-asl-1.9.13.jar      jackson-mapper-asl-1.9.13.jar      javax.servlet-api-3.1.0.jar      jcommander-1.27.jar      jetty-http-9.2.13.v20150730.jar      jetty-io-9.2.13.v20150730.jar      jetty-security-9.2.13.v20150730.jar      jetty-server-9.2.13.v20150730.jar      jetty-servlet-9.2.13.v20150730.jar      jetty-util-9.2.13.v20150730.jar      joda-time-2.4.jar      json-simple-1.1.1.jar      jsr305-1.3.9.jar      log4j-1.2.16.jar      mysql-connector-java-5.1.48.jar      paranamer-2.3.jar      postgresql-9.1-901.jdbc4.jar      slf4j-api-1.6.1.jar      snappy-java-1.0.5.jar      sqoop-common-1.99.7.jar      sqoop-connector-ftp-1.99.7.jar      sqoop-connector-generic-jdbc-1.99.7.jar      sqoop-connector-hdfs-1.99.7.jar      sqoop-connector-kafka-1.99.7.jar      sqoop-connector-kite-1.99.7.jar      sqoop-connector-oracle-jdbc-1.99.7.jar      sqoop-connector-sftp-1.99.7.jar      sqoop-core-1.99.7.jar      sqoop-execution-mapreduce-1.99.7.jar      sqoop-repository-common-1.99.7.jar      sqoop-repository-derby-1.99.7.jar      sqoop-repository-mysql-1.99.7.jar      sqoop-repository-postgresql-1.99.7.jar      sqoop-security-1.99.7.jar      sqoop-server-1.99.7.jar      sqoop-submission-mapreduce-1.99.7.jar      sqoop-tools-1.99.7.jar
hadoop@ip-172-31-7-135: ~$ cd $SQOOP_HOME/bin
hadoop@ip-172-31-7-135: ~/sqoop-1.99.7-bin-hadoop200/bin$ sqoop2-shell
Setting conf dir: /home/hadoop/sqoop-1.99.7-bin-hadoop200/bin/..conf
Sqoop home directory: /home/hadoop/sqoop-1.99.7-bin-hadoop200
Oct 15, 2021 6:04:26 PM java.util.prefs.FileSystemPreferences$1 run
INFO: Created user preferences directory.
Sqoop Shell: Type 'help' or '?' for help.
sqoop:000>
```

## 5. Install mysql

```
hadoop@ip-172-31-7-135: ~
hadoop@ip-172-31-7-135:~/sqoop-1.99.7-bin-hadoop200/bin$ cd
hadoop@ip-172-31-7-135:~$ sudo mysql
(sudo) password for hadoop:
sudo: mysql: command not found
hadoop@ip-172-31-7-135:~$ sudo mysql
sudo: mysql: command not found
hadoop@ip-172-31-7-135:~$ sudo apt install mysql-server -y
```

## 6. Login as super user and select user from mysql.user

```
hadoop@ip-172-31-7-135: ~
By default, MySQL comes with a database named 'test' that
anyone can access. This is also intended only for testing,
and should be removed before moving into a production
environment.

(Remove test database and access to it? (Press y|Y for Yes, any other key for No) : n
... skipping.
Reloading the privilege tables will ensure that all changes
made so far will take effect immediately.

Reload privilege tables now? (Press y|Y for Yes, any other key for No) : y
Success.

All done!
hadoop@ip-172-31-7-135:~$ sudo mysql
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 4
Server version: 5.7.35-0ubuntu0.18.04.2 (Ubuntu)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

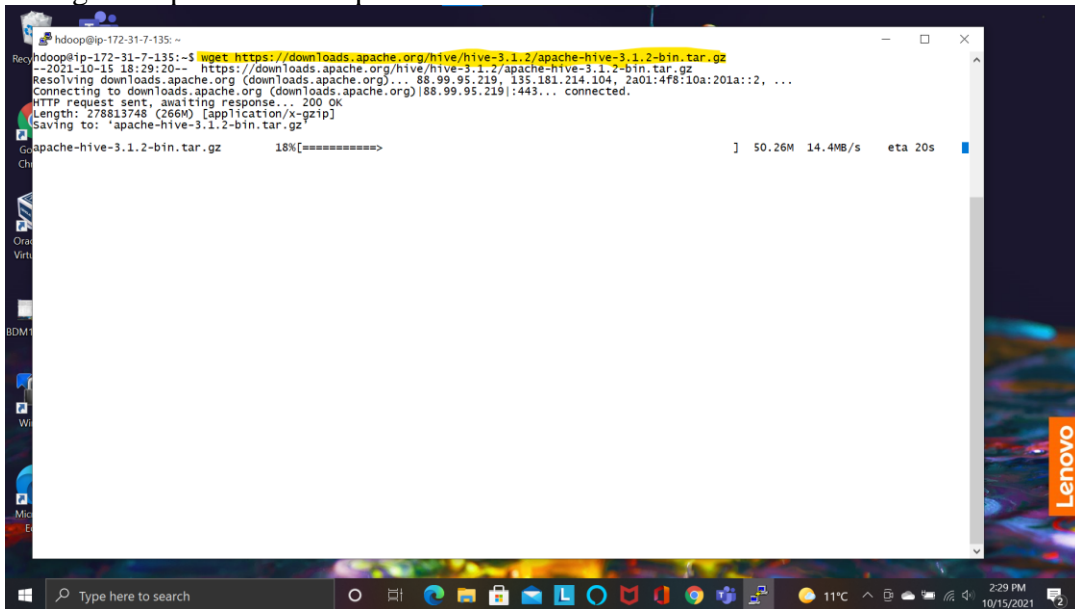
mysql> select user, authentication_string, plugin, host from mysql.user;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right synt
ax to use near '.' at line 1
mysql> select user, authentication_string, plugin, host from mysql.user;
```

user	authentication_string	plugin	host
root	*THISISNOTAVALIDPASSWORDTHATCANBEUSEDHERE	auth_socket	localhost
mysql.session	*THISISNOTAVALIDPASSWORDTHATCANBEUSEDHERE	mysql_native_password	localhost
mysql.sys	*THISISNOTAVALIDPASSWORDTHATCANBEUSEDHERE	mysql_native_password	localhost
debian-sys-maint	*03AA157415A7FFD292175AC1D608942518A7C0C8	mysql_native_password	localhost

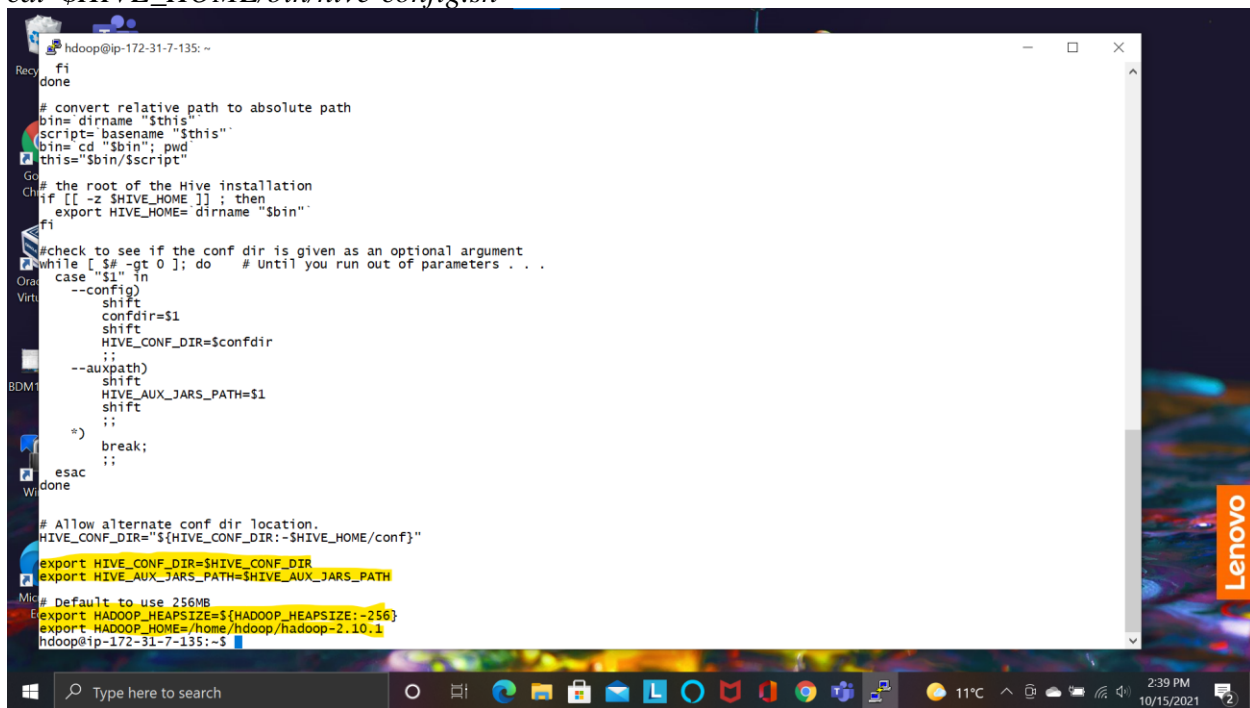
```
mysql>
4 rows in set (0.00 sec)

mysql>
```

## 7. Change root password of sql

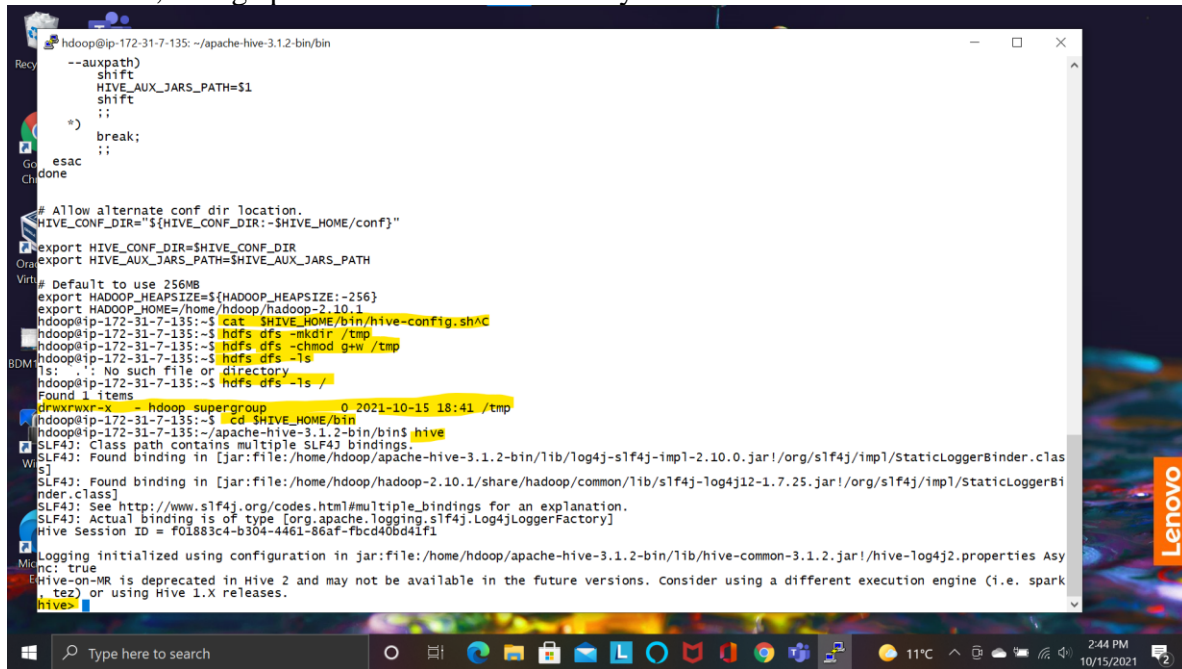


## 8. configure \$HADOOP\_HOME on hive-config.sh `cat $HIVE_HOME/bin/hive-config.sh`





9. Make dir, change permission for that directory and run hive shell with hive command.



```
hadoop@ip-172-31-7-135: ~/apache-hive-3.1.2-bin/bin
--auxpath)
shift
HIVE_AUX_JARS_PATH=$1
shift
;;
break;
;;
esac
done

# Allow alternate conf dir location.
HIVE_CONF_DIR="${HIVE_CONF_DIR:-$HIVE_HOME/conf}"
export HIVE_CONF_DIR=$HIVE_CONF_DIR
export HIVE_AUX_JARS_PATH=$HIVE_AUX_JARS_PATH

# Default to use 256MB
export HADOOP_HEAPSIZE=${HADOOP_HEAPSIZE:-256}
export HADOOP_HOME=/home/hadoop/hadoop-2.10.1
hadoop@ip-172-31-7-135:~$ cat $HIVE_HOME/bin/hive-config.sh
hadoop@ip-172-31-7-135:~$ hdfs dfs -mkdir /tmp
hadoop@ip-172-31-7-135:~$ hdfs dfs -chmod g+w /tmp
hadoop@ip-172-31-7-135:~$ hdfs dfs -ls
ls: .: No such file or directory
hadoop@ip-172-31-7-135:~$ hdfs dfs -ls /
Found 1 items
drwxrwxr-x 2 hadoop supergroup 0 2021-10-15 18:41 /tmp
hadoop@ip-172-31-7-135:~$ cd $HIVE_HOME/bin
hadoop@ip-172-31-7-135:~/apache-hive-3.1.2-bin/bin$ hive
SLF4J: Class path contains multiple SLF4J bindings.
SLF4J: Found binding in [jar:file:/home/hadoop/apache-hive-3.1.2-bin/lib/log4j-slf4j-impl-2.10.0.jar!/org/slf4j/impl/StaticLoggerBinder.class]
SLF4J: Found binding in [jar:file:/home/hadoop/hadoop-2.10.1/share/hadoop/common/lib/slf4j-log4j12-1.7.25.jar!/org/slf4j/impl/StaticLoggerBinder.class]
SLF4J: See http://www.slf4j.org/codes.html#multiple_bindings for an explanation.
SLF4J: Actual binding is of type [org.apache.logging.slf4j.Log4jLoggerFactory]
Hive Session ID = f01883c4-b304-4461-86af-fbcd40bd41f1
Logging initialized using configuration in jar:file:/home/hadoop/apache-hive-3.1.2-bin/lib/hive-common-3.1.2.jar!/hive-log4j2.properties Async: true
Hive-on-MR is deprecated in Hive 2 and may not be available in the future versions. Consider using a different execution engine (i.e. spark, tez) or using Hive 1.X releases.
hive>
```