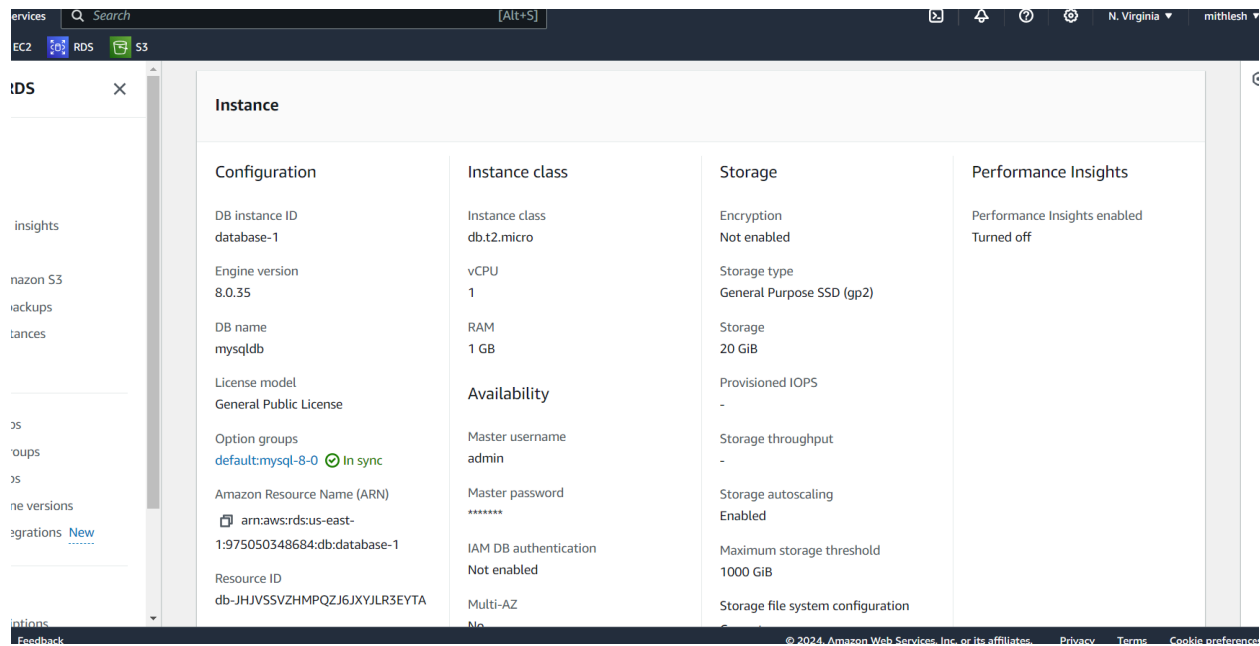
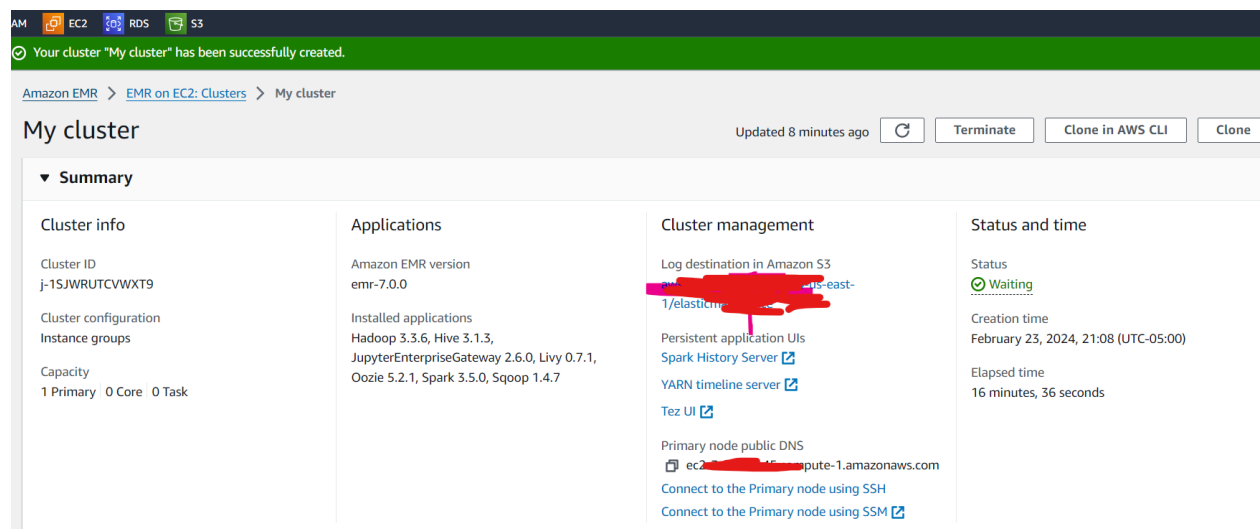


Create RDS cluster
Free tier:

RDS:



Create EMR:

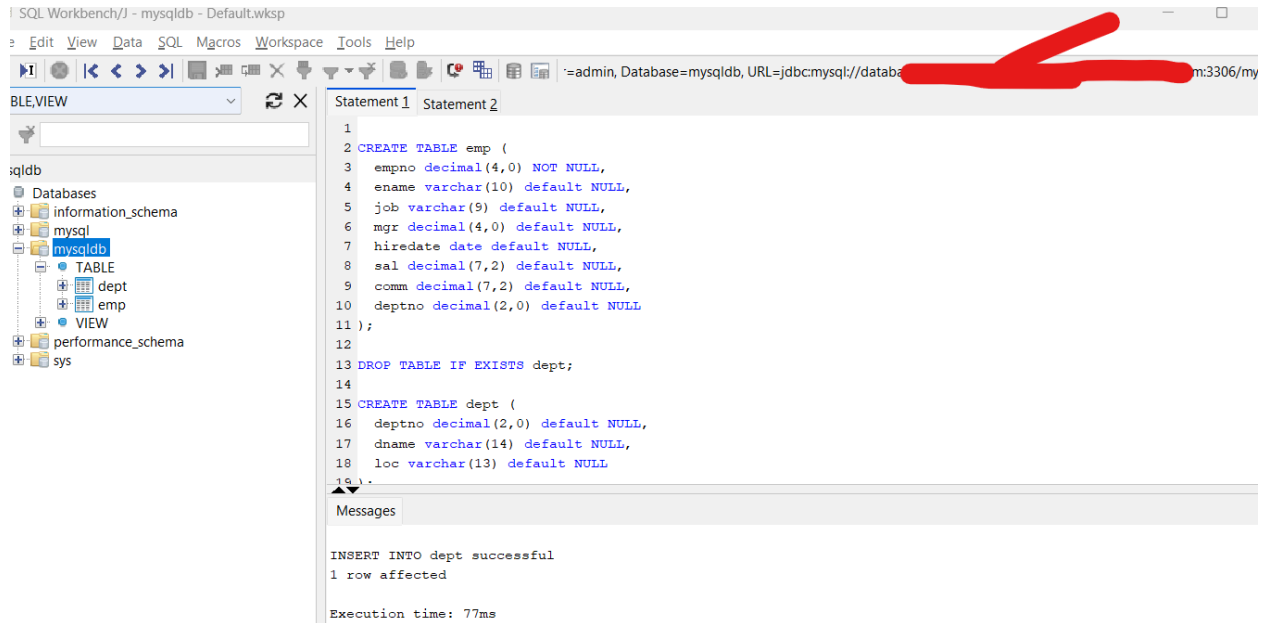


Connection using SSH:

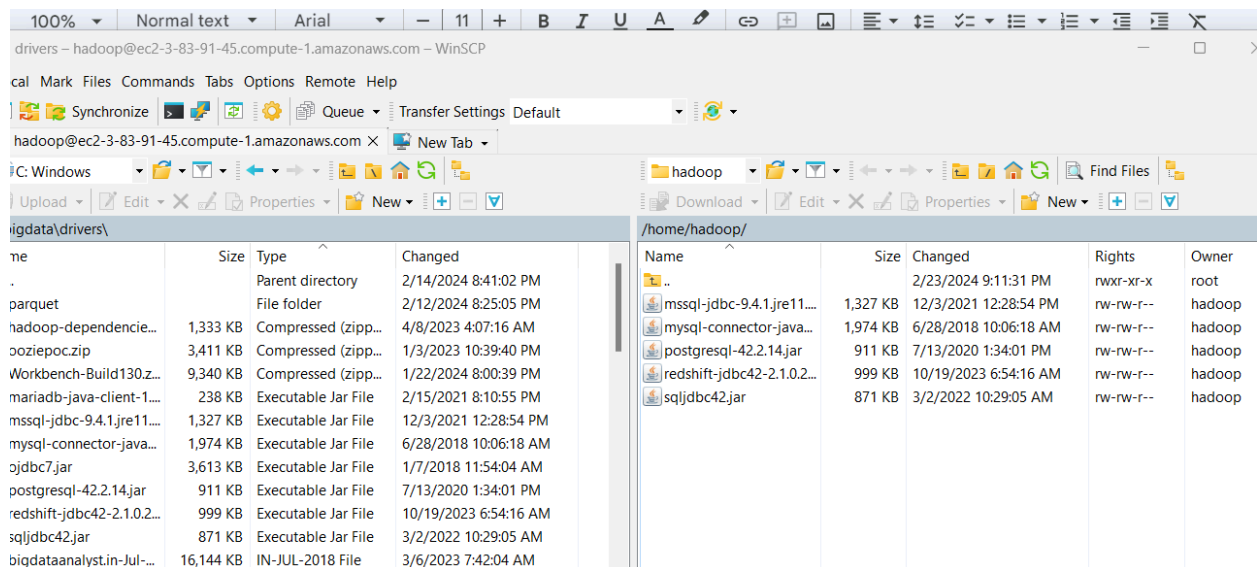
Download sql workbench

Take mysql credentials from RDS and paste on mysql workbench

And create a table emp and dept



Download winscp and transfer mysql jars to emor hadoop



And then login in to EMR using SSH

```

at org.apache.sqoop.Sqoop.runTool(Sqoop.java:241)
at org.apache.sqoop.Sqoop.main(Sqoop.java:250)
hadoop@ip-172-31-89-119:~$ sudo cp ./*.jar /usr/lib/sqoop/lib
hadoop@ip-172-31-89-119:~$ ls /usr/lib/sqoop/lib
edshift-jdbc.jar commons-lang3-3.4.jar mssql-jdbc-9.4.1.jre11.jar parquet-hadoop-1.6.0.jar
nt-contrib-1.0b3.jar commons-logging-1.2.jar mysql-connector-java-8.0.12.jar parquet-jackson-1.6.0.jar
nt-eclipse-1.0-jvm1.2.jar hsqldb-1.8.0.10.jar paranamer-2.7.jar postgresql-42.2.14.jar
vro-1.8.2.2.jar jackson-annotations-2.13.4.jar parquet-avro-1.6.0.jar redshift-jdbc42-2.1.0.21.jar
vro-mapred-1.8.2-hadoop2.jar jackson-core-2.13.4.jar parquet-column-1.6.0.jar slf4j-api-1.7.36.jar
vs-glue-datacatalog-log-hive3-client.jar jackson-core-asl-1.9.13.jar parquet-common-1.6.0.jar snappy-java-1.1.7.3.jar
commons-codec-1.9.jar jackson-databind-2.13.4.jar parquet-encoding-1.6.0.jar sqldbc42.jar
commons-compress-1.8.1.jar jackson-mapper-asl-1.9.13.jar parquet-format-2.2.0-rc1.jar xz-1.5.jar
commons-io-2.4.jar mariadb-connector-java.jar parquet-generator-1.6.0.jar
hadoop@ip-172-31-89-119 ~]$ cd /usr/lib/sqoop/lib
hadoop@ip-172-31-89-119 lib]$ sqoop import --connect jdbc:mysql://mysqldb.amazonaws.com:3306/mysql --username user --password
opassword --table emp -m 1
arning: /usr/lib/sqoop/./accumulo does not exist! Accumulo imports will fail.
lease set $ACCUMULO_HOME to the root of your Accumulo installation.
.F4J: Class path contains multiple SLF4J bindings.
.F4J: Found binding in [jar:file:/usr/lib/hadoop/lib/slf4j-reload4j-1.7.36.jar!/org/slf4j/impl/StaticLoggerBinder.class]
.F4J: Found binding in [jar:file:/usr/lib/hive/lib/log4j-slf4j-impl-2.17.1.jar!/org/slf4j/impl/StaticLoggerBinder.class]
.F4J: Found binding in [jar:file:/usr/lib/hbase/lib/client-facing-thirdparty/slf4j-reload4j-1.7.33.jar!/org/slf4j/impl/StaticLoggerBinder.class]
.F4J: See http://www.slf4j.org/codes.html#multiple_bindings for an explanation.
.F4J: Actual binding is of type [org.slf4j.impl.Reload4jLoggerFactory]
24-02-24 02:19:51,897 INFO sqoop.Sqoop: Running Sqoop version: 1.4.7
24-02-24 02:19:51,928 WARN tool.BaseSqoopTool: Setting your password on the command-line is insecure. Consider using -P instead.
24-02-24 02:19:52,044 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.
24-02-24 02:19:52,044 INFO tool.CodeGenTool: Beginning code generation
ading class 'com.mysql.jdbc.Driver'. This is deprecated. The new driver class is 'com.mysql.cj.jdbc.Driver'. The driver is automatically registered via
SPI and manual loading of the driver class is generally unnecessary.
24-02-24 02:19:52,472 ERROR manager.SqlManager: Error executing statement: com.mysql.cj.jdbc.exceptions.CommunicationsException: Communications link fai
e
he last packet sent successfully to the server was 0 milliseconds ago. The driver has not received any packets from the server

```