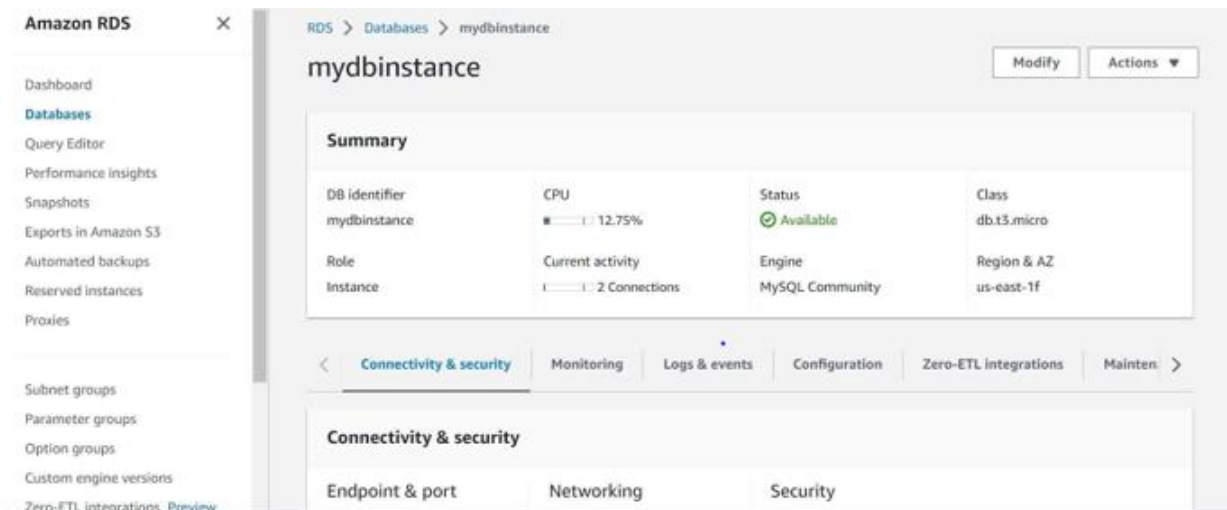
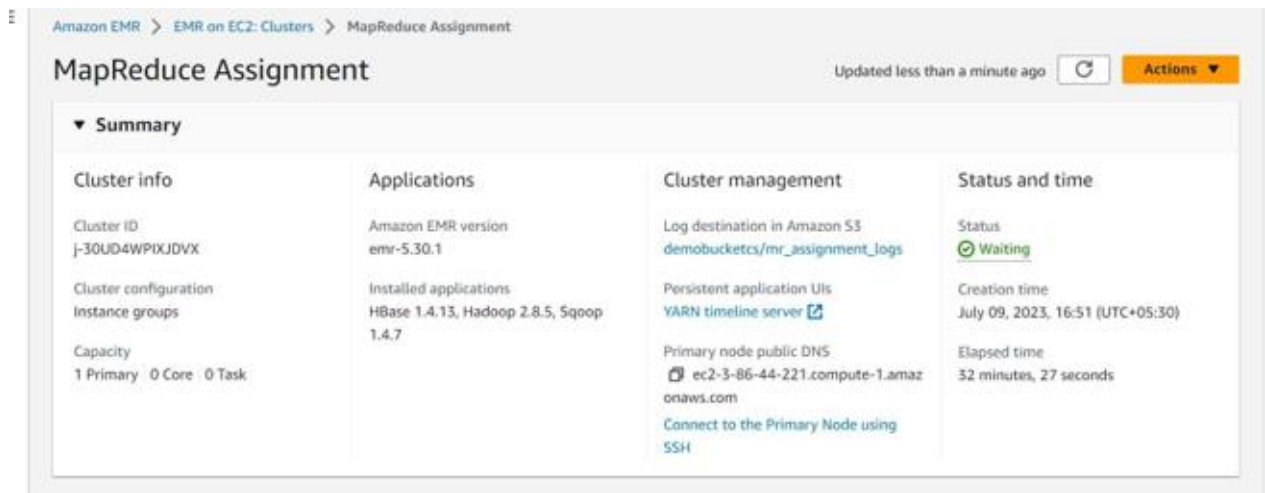


1. Creation of RDS instance in AWS



2. Creation of EMR instance with bundled applications such as Hadoop, Hbase, Sqoop.



3. To connect RDS with EMR instance, we have to click on “Action” button on RDS instancemenu and then “Set up an EC2 Instance”.

6. Downloading required csv files from internet in local using command

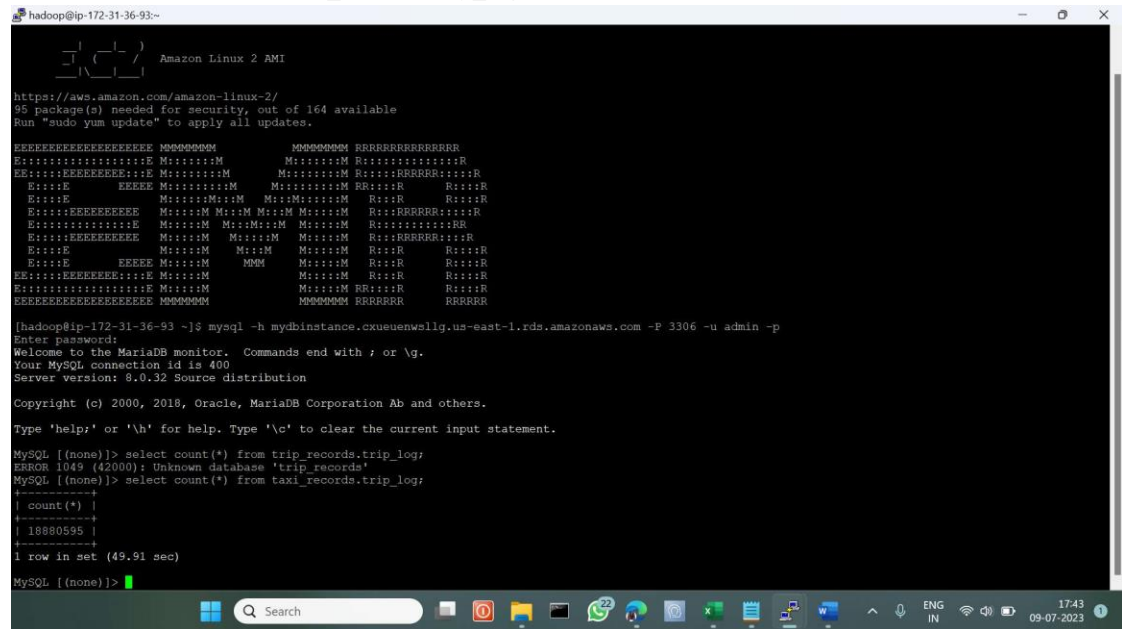
```
` wget https://nyc-tlc-upgrad.s3.amazonaws.com/yellow_tripdata_2017-01.csv`  
` wget https://nyc-tlc-upgrad.s3.amazonaws.com/yellow_tripdata_2017-02.csv`
```

7. To load data in mysql table we have to login and then run sql command:

```
LOAD DATA LOCAL INFILE '/home/hadoop/yellow_tripdata_2017-01.csv' INTO TABLE trip_log  
FIELDS TERMINATED BY ',' LINES TERMINATED BY '\n' IGNORE 1 LINES;
```

```
LOAD DATA LOCAL INFILE '/home/hadoop/yellow_tripdata_2017-02.csv' INTO TABLE trip_log  
FIELDS TERMINATED BY ',' LINES TERMINATED BY '\n' IGNORE 1 LINES;
```

```
SELECT COUNT(*) FROM taxi_records.trip_log;
```



```
hadoop@ip-172-31-36-93:~$  
Amazon Linux 2 AMI  
https://aws.amazon.com/amazon-linux-2/  
95 package(s) needed for security, out of 164 available  
Run "sudo yum update" to apply all updates.  
EEEEEEEEEEEEEEEEEEEE MMMMMMM MMMMMMMMM RRRRRRRRRRRRR  
E:::EEEEEEEEEEEE::E M:::MM M:::MM R:::R  
EE:::EEEEEEEE::E M:::MM M:::MM R:::R  
E:::E EEEE M:::MM M:::MM R:::R  
E:::E M:::MM M:::MM R:::R  
E:::EEEEEEEE M:::MM M:::MM R:::R  
E:::EEEEEEEE M:::MM M:::MM R:::R  
E:::EEEEEEEE M:::MM M:::MM R:::R  
E:::E M:::MM M:::MM R:::R  
E:::E EEEE M:::MM M:::MM R:::R  
EE:::EEEEEEEE::E M:::MM M:::MM R:::R  
E:::EEEEEEEE M:::MM M:::MM R:::R  
EEEEEEEEEEEEEEEEEEEE MMMMMMM RRRRRR RRRRR  
[hadoop@ip-172-31-36-93 ~]$ mysql -h mydbinstance.cxueuenwallg.us-east-1.rds.amazonaws.com -P 3306 -u admin -p  
Enter password:  
Welcome to the MariaDB monitor. Commands end with ; or \g.  
Your MySQL connection id is 400  
Server version: 8.0.32 Source distribution  
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.  
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.  
MySQL [(none)]> select count(*) from trip_records.trip_log;  
ERROR 1049 (42000): Unknown database 'trip_records'  
MySQL [(none)]> select count(*) from taxi_records.trip_log;  
+-----+  
| count(*) |  
+-----+  
| 18880595 |  
+-----+  
1 row in set (49.91 sec)  
MySQL [(none)]>
```