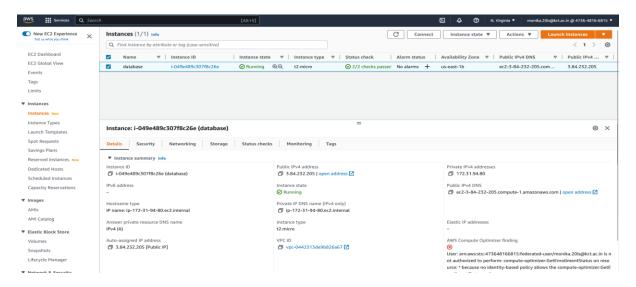
U18ISI5006 - Cloud Computing Architecture Database creation using RDS

Name: Monika M

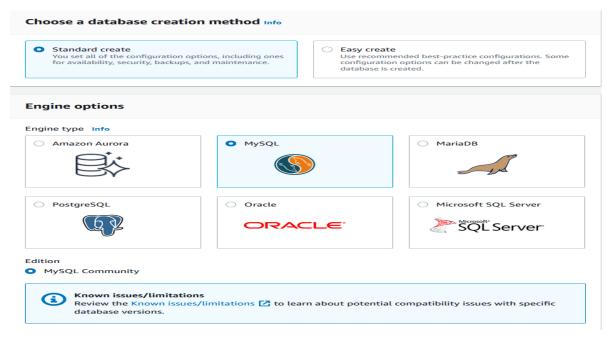
Roll no: 20BIS025

Topic: Database creation using RDS

1. Instance creation:

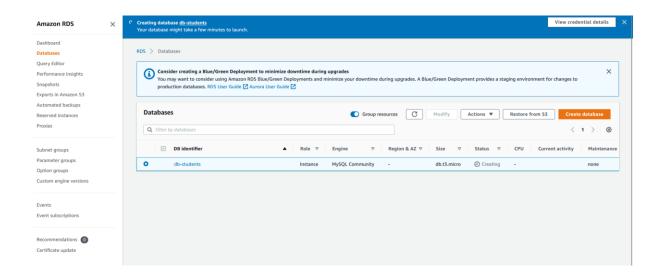


2. Database creation using RDS:



DB instances. Multi-AZ DB cluster: under 35 seconds.
cost.
_
 Free tier Use RDS Free Tier to develop
new applications, test existing
applications, or gain hands-on experience with Amazon RDS.
Info
your AWS account in the current AW 2). Constraints: 1 to 60 alphanumer Can't end with a hyphen.
_
 single quote), "(double quote) and @

3. Database created:



Wait until its created

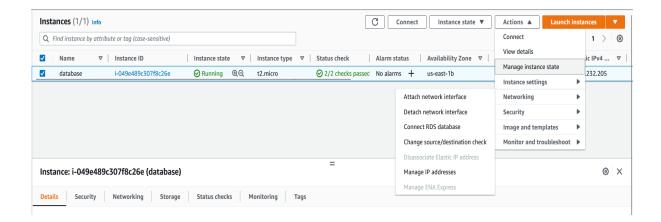
4. Connect EC2 through putty:

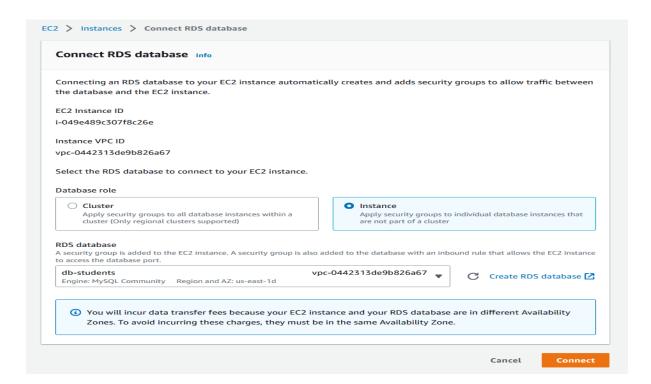
Executing 'sudo yum install mariadb'

Verifying installation:

```
Complete!
[ec2-user@ip-172-31-94-80 ~]$ mysql --version
mysql Ver 15.1 Distrib 10.5.16-MariaDB, for Linux (x86_64) using EditLine wrap
per
```

5. Connecting Ec2 and RDS database:





Command to connect on instance terminal:

mysql -h db-students.c7fsopkj8an3.us-east-1.rds.amazonaws.com -P 3306 -u moni -p

[note: db-students.c7fsopkj8an3.us-east-1.rds.amazonaws.com - endpoint moni - master name]

```
[ec2-user@ip-172-31-94-80 ~]$ mysql -h db-students.c7fs0pkj8an3.us-east-1.rds.am
azonaws.com -P 3306 -u moni -p
Enter password:
Welcome to the MariaDB monitor. Commands end with; or \g.
Your MySQL connection id is 20
Server version: 8.0.28 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)]>
```

6. Executing mysql commands:

```
MySQL [(none)]> create table profile;
ERROR 1046 (3D000): No database selected
MySQL [(none)]> use moni;
Database changed
MySQL [moni]> create table profile(name varchar(30) , roll_no varchar(50) PRIMAR
Y KEY, age int);
Query OK, 0 rows affected (0.047 sec)
```

