AWS DATABASE SERVICES

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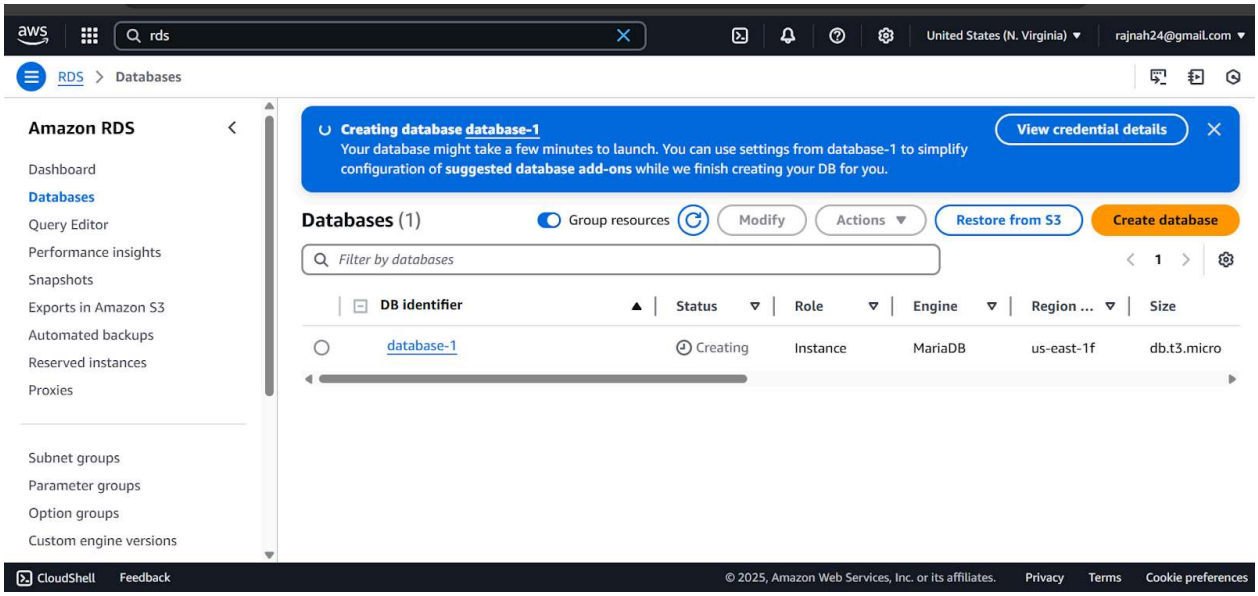
Problem Statement: You work for XYZ Corporation. Their application requires a SQL service that can store data which can be retrieved if required. Implement a suitable RDS engine for the same. While migrating, you are asked to perform the following tasks:

1. Create a MariaDB Engine based RDS Database.
2. Connect to the DB using the following ways: a. SQL Client for Windows b. Linux based EC2 Instance.

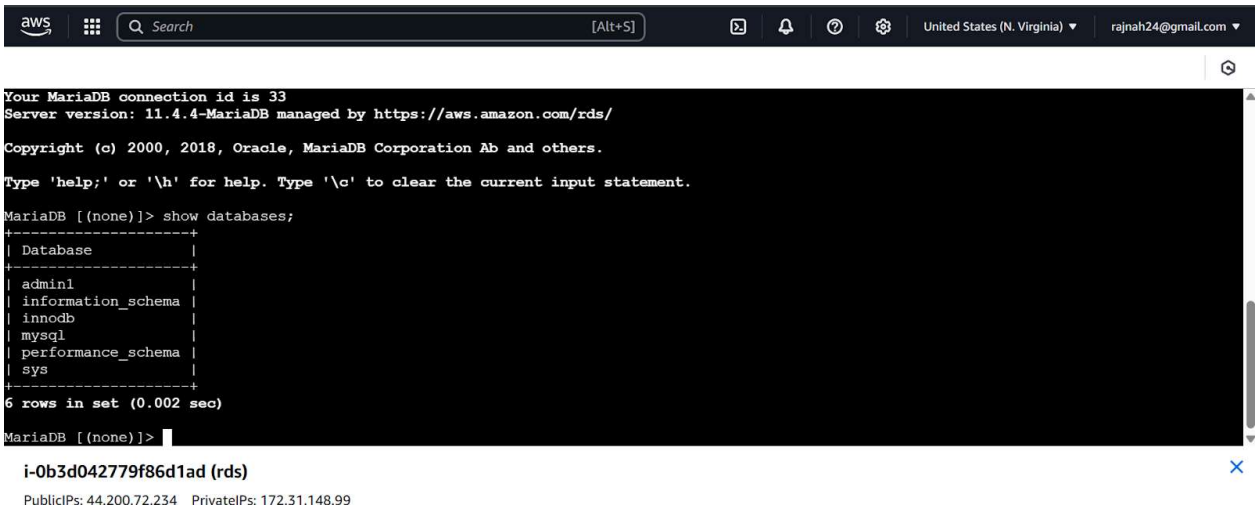
A1. MariaDB



SQL CLIENT : XAMP

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

MariaDB [(none)]> show database
    -> show Bye

rajki@SCORPION c:\xampp
# mysql -h database-2.c5oq42wseko7.us-east-1.rds.amazonaws.com -u admin -p
Enter password: ************
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 20
Server version: 11.4.4-MariaDB managed by https://aws.amazon.com/rds/

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> show databases;
+--------------------+
| Database           |
+--------------------+
| admin1             |
| information_schema |
| innodb             |
| mysql              |
| performance_schema |
| sys                |
+--------------------+
6 rows in set (0.230 sec)

MariaDB [(none)]> show table;
```

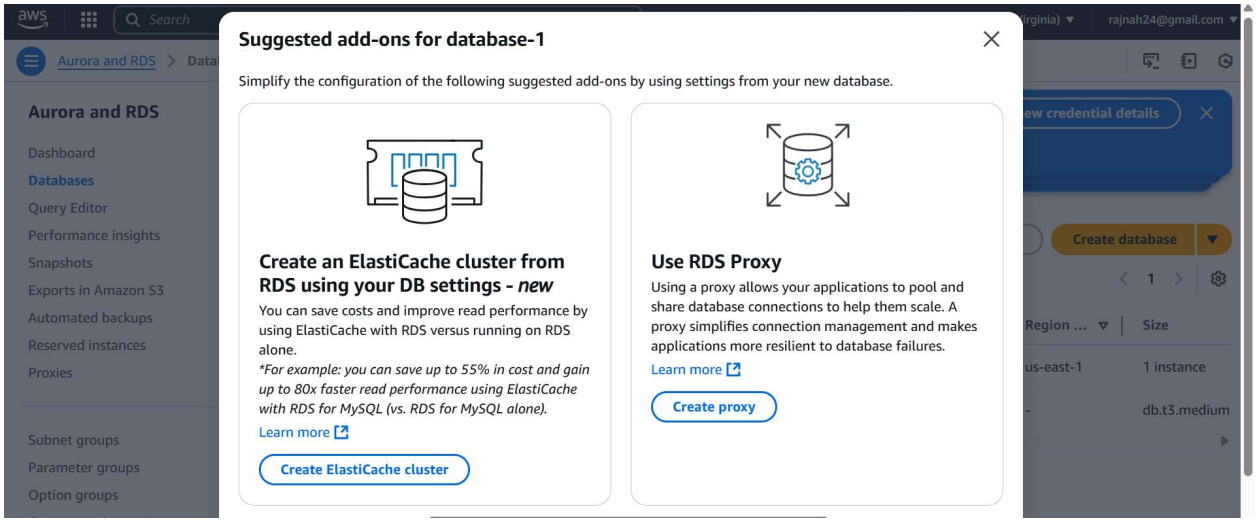
SQL: EC2 : Instance - sudo apt instal mysql-client

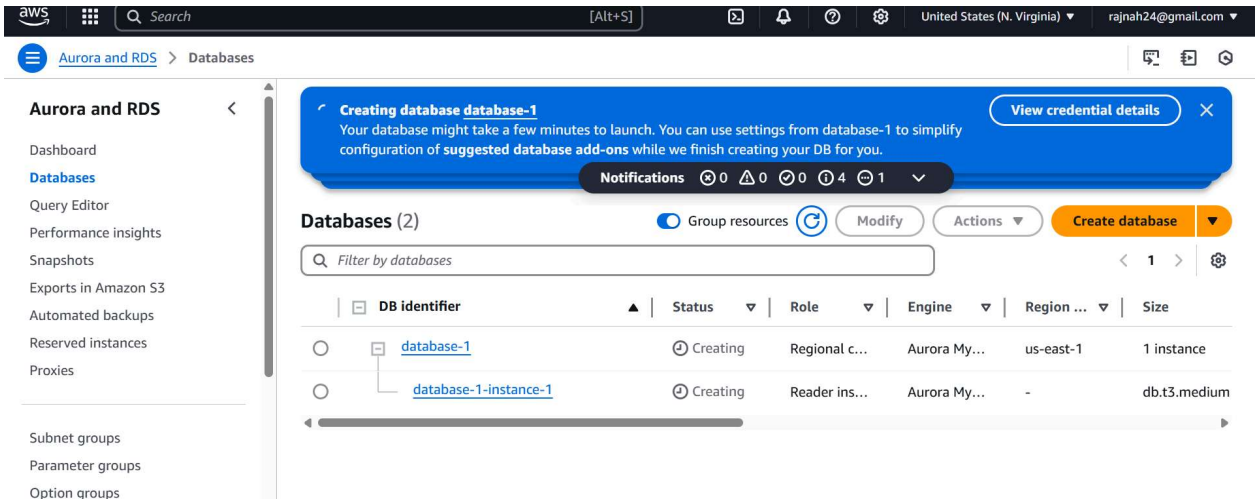


Problem Statement:

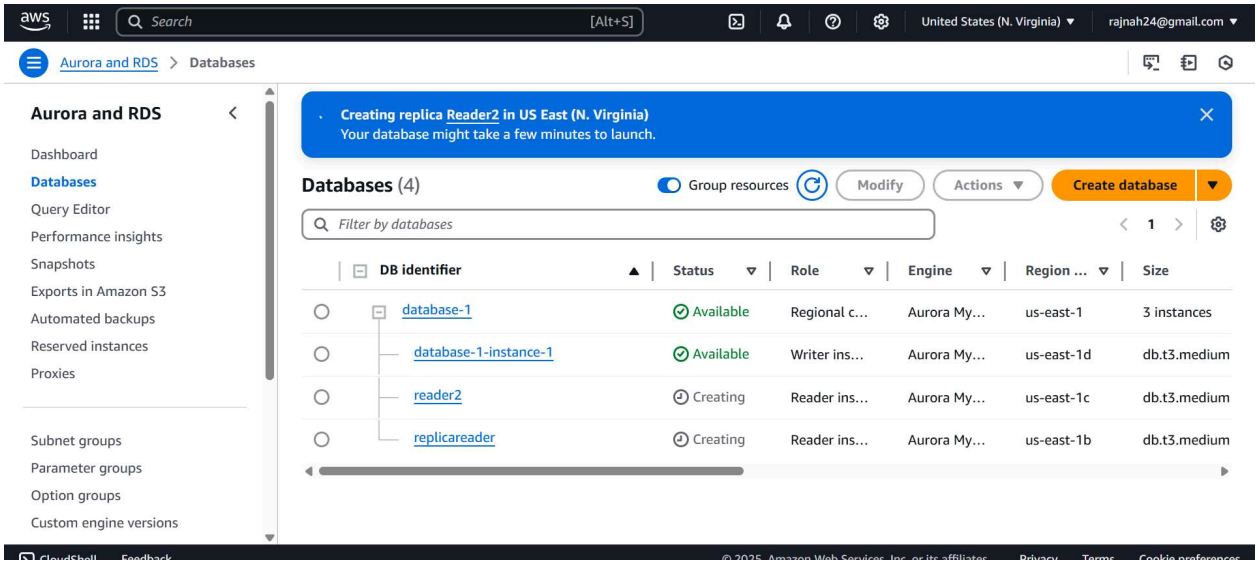
You work for XYZ Corporation. Their application requires a SQL service that can store data which can be retrieved if required. Implement a suitable RDS engine for the same. While migrating, you are asked to perform the following tasks:

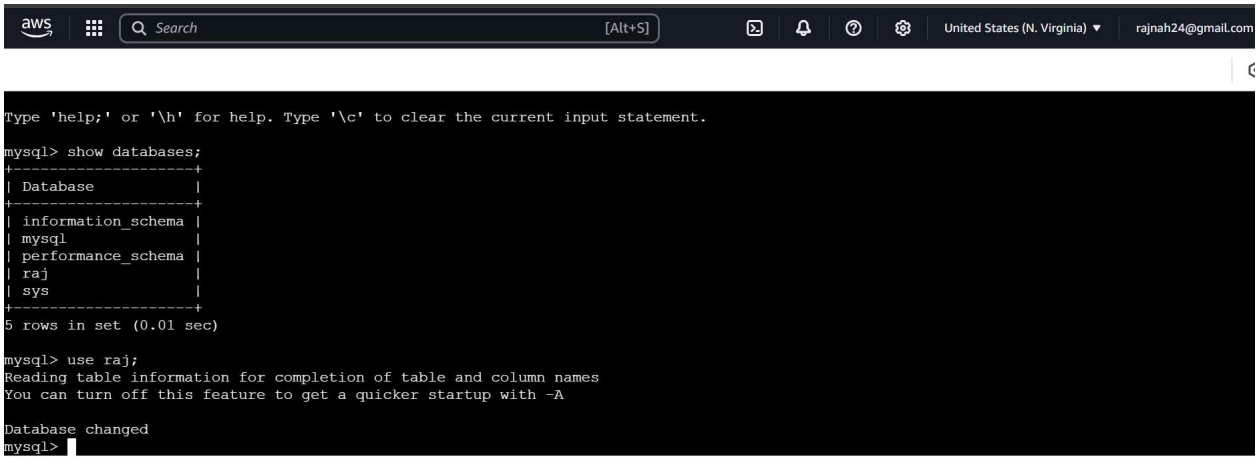
1. Create an AuroraDB Engine based RDS Database.
2. Create 2 Read Replicas in different availability zones for better infrastructure availability.





2. Read Replica





i-027535172c41ee774 (db1)

PublicIPs: 54.221.88.21 PrivateIPs: 172.31.31.228