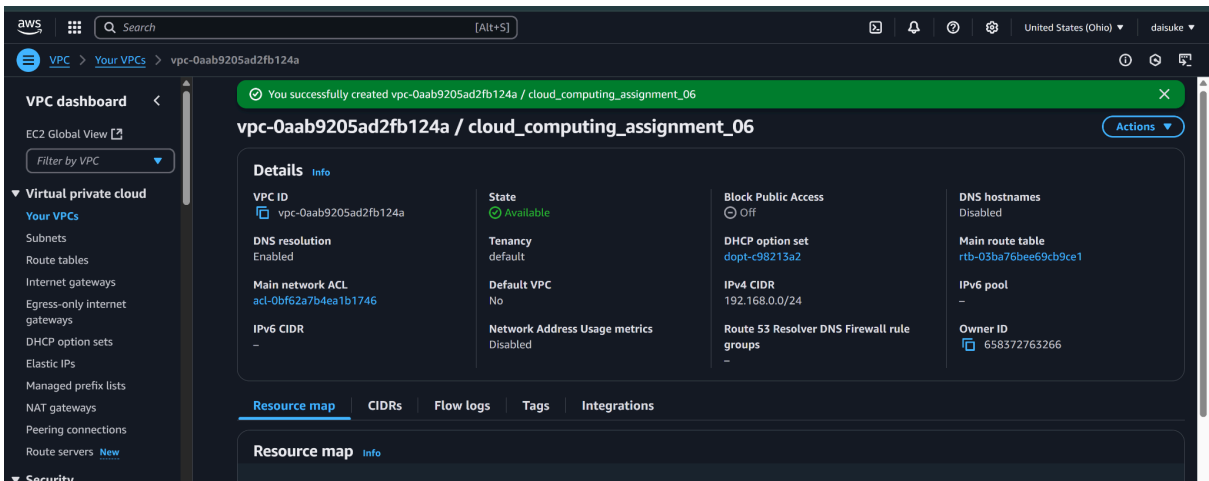


Task 1

- VPC Created



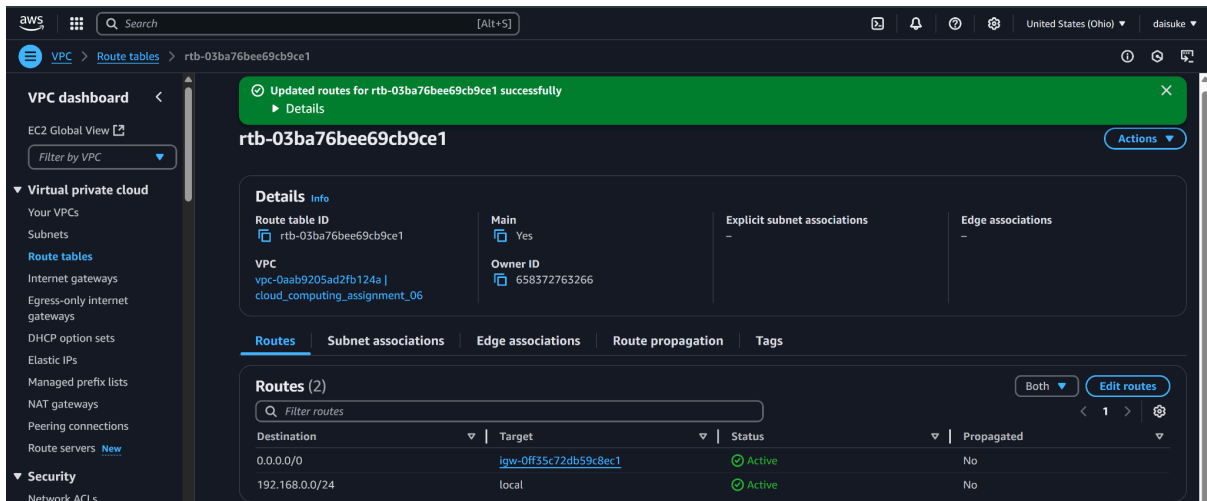
- Subnets Created

<input type="checkbox"/>	public_subnet	subnet-0d917390c4f40d613	Available	vpc-0aab9205ad2fb124a cloud_computing_assignment_06
<input type="checkbox"/>	private_subnet	subnet-0a07d9b57d6314506	Available	vpc-0aab9205ad2fb124a cloud_computing_assignment_06
<input type="checkbox"/>	private_subnet2	subnet-003a35fbb3d3ac1ea	Available	vpc-0aab9205ad2fb124a cloud_computing_assignment_06

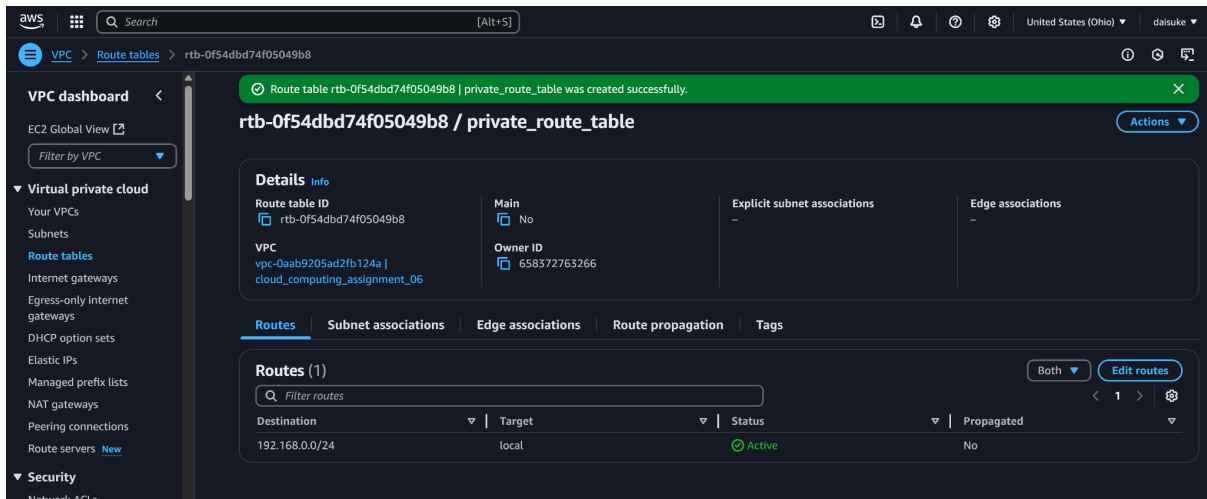
- IGW Created



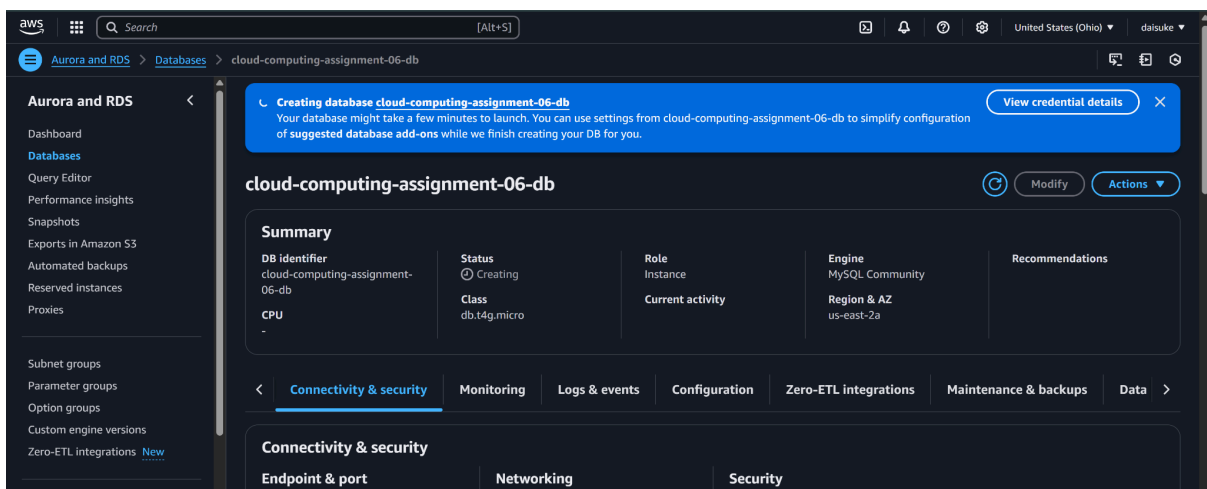
- Public Route Table Configured



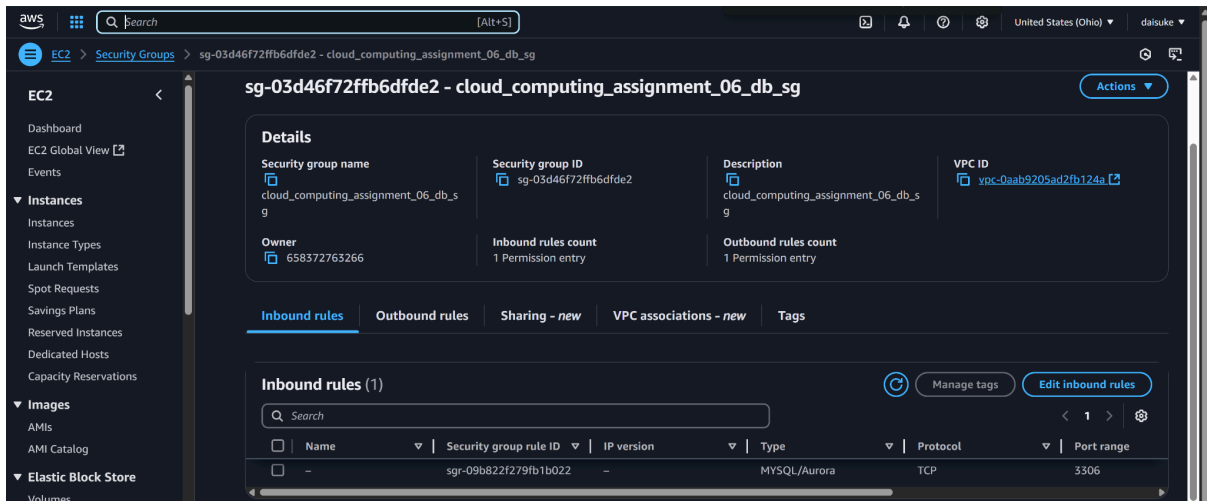
- Private Route Table Created



- RDS Created

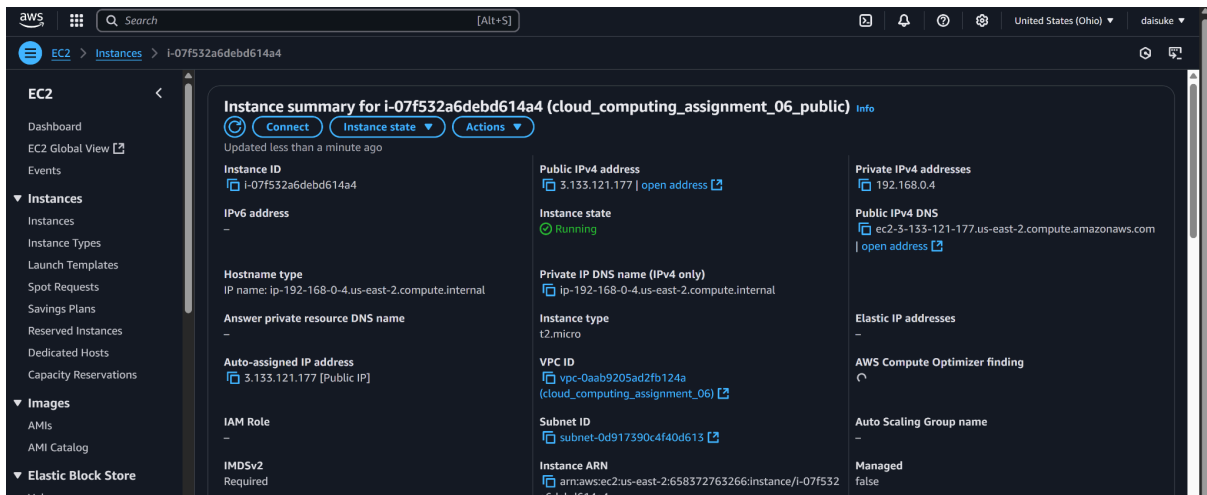


- Security Group for RDS



Task 2

- Instance Created



- new database/table/row created

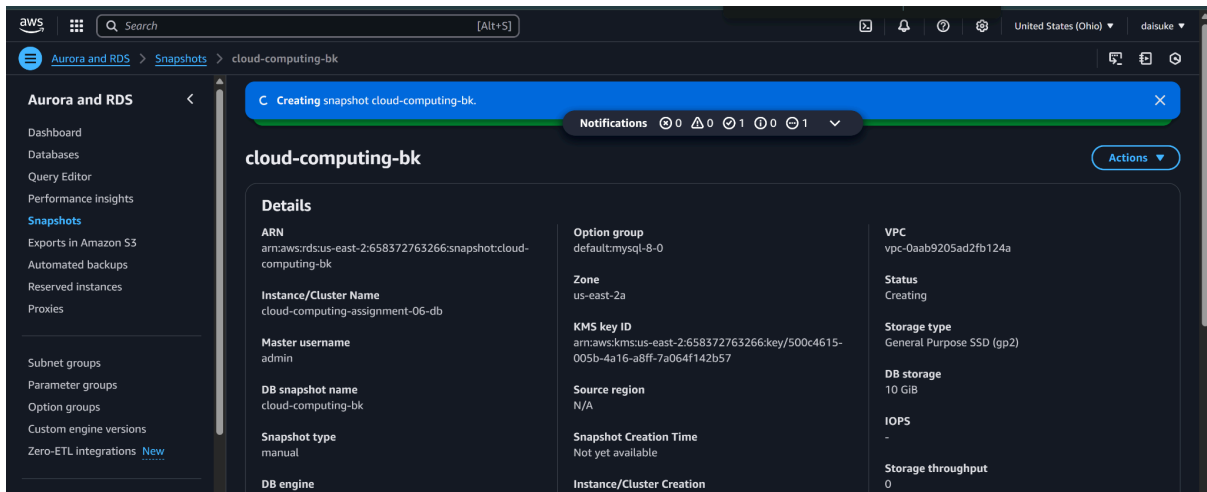
```
MySQL [(none)]> CREATE DATABASE test_db
-> ;
Query OK, 1 row affected (0.015 sec)

MySQL [(none)]> use test_db;
Database changed
MySQL [test_db]> CREATE TABLE users (
->   id INT AUTO_INCREMENT PRIMARY KEY,
->   name VARCHAR(255),
->   email VARCHAR(255)
-> );
Query OK, 0 rows affected (0.050 sec)

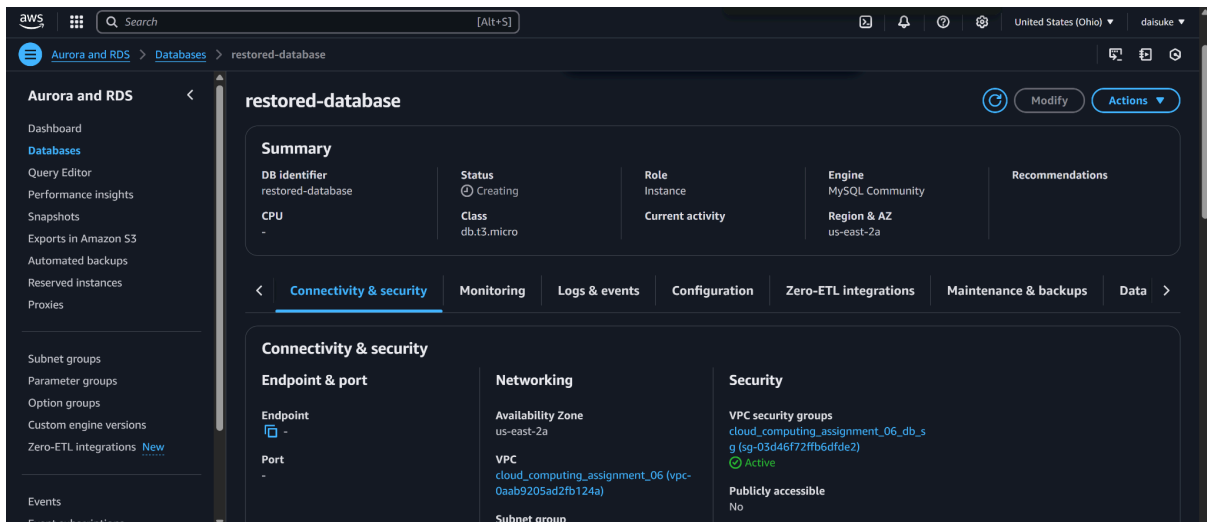
MySQL [test_db]> INSERT INTO users (name, email) VALUES ('John Doe', 'john@example.com'), ('Jane Smith', 'jane@example.com');
Query OK, 2 rows affected (0.006 sec)
Records: 2  Duplicates: 0  Warnings: 0

MySQL [test_db]>
```

- snapshot created



- Database Restored



- Data confirmed in Restored Database

```
MySQL [test_db]> exit
Bye
[ec2-user@ip-192-168-0-4 ~]$ mysql -h restored-database.c6d905it7ia0.us-east-2.rds.amazonaws.com -u admin -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MySQL connection id is 12
Server version: 8.0.40 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.

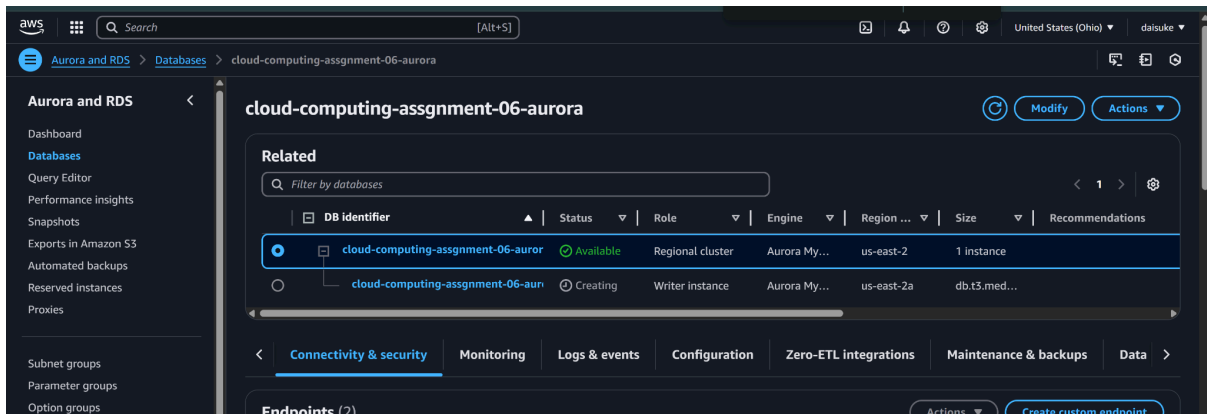
MySQL [(none)]> use test_db;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
MySQL [test_db]> SELECT * FROM users;
+-----+-----+-----+
| id | name      | email                |
+-----+-----+-----+
| 1  | John Doe  | john@example.com     |
| 2  | Jane Smith | jane@example.com     |
+-----+-----+-----+
2 rows in set (0.004 sec)

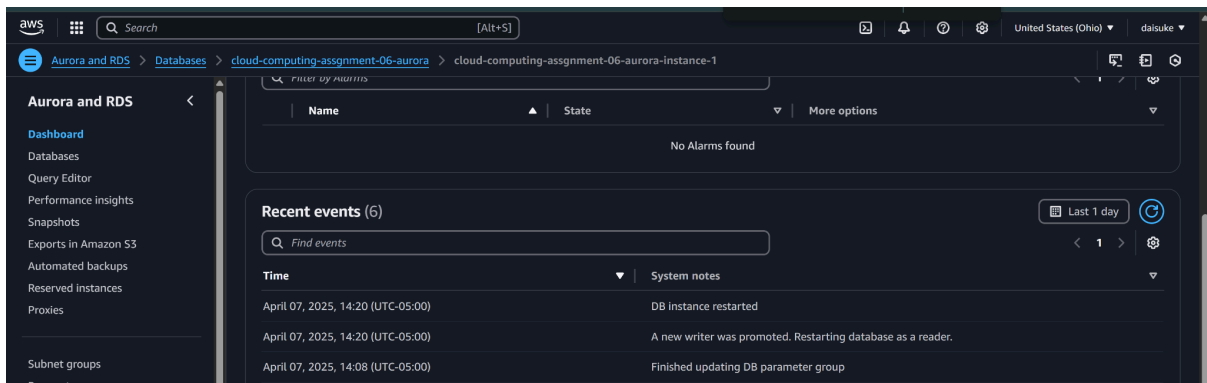
MySQL [test_db]>
```

Task 3

- Aurora Created



- Failover tested (succeeded within 1 minute)



Task 4

- new database/table/row created

