Assignment1

While migrating, you are asked to perform the following tasks:

1. Create a MariaDB Engine based RDS Database.

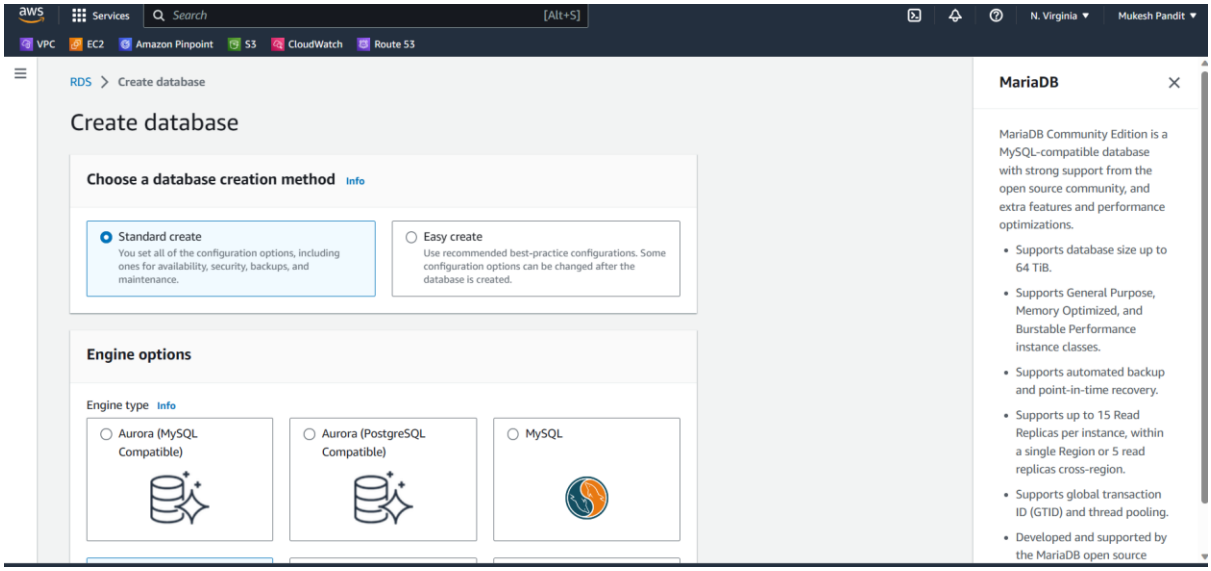
2. Connect to the DB using the following ways:

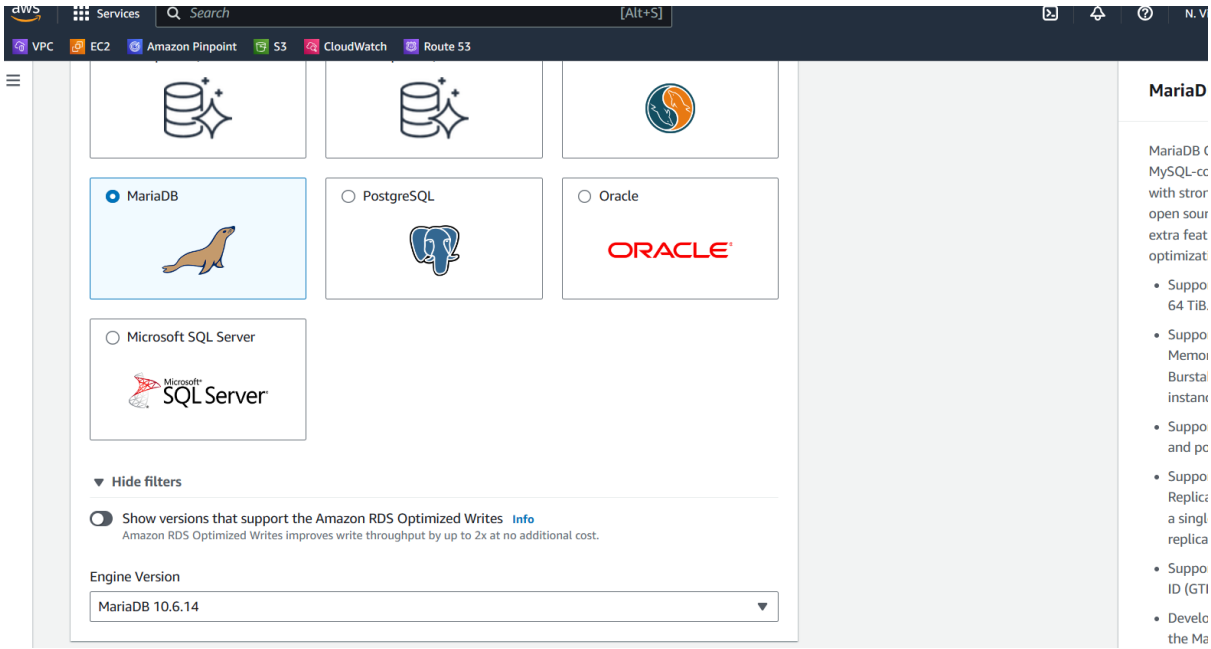
a. SQL Client for Windows

b. Linux based EC2 Instance

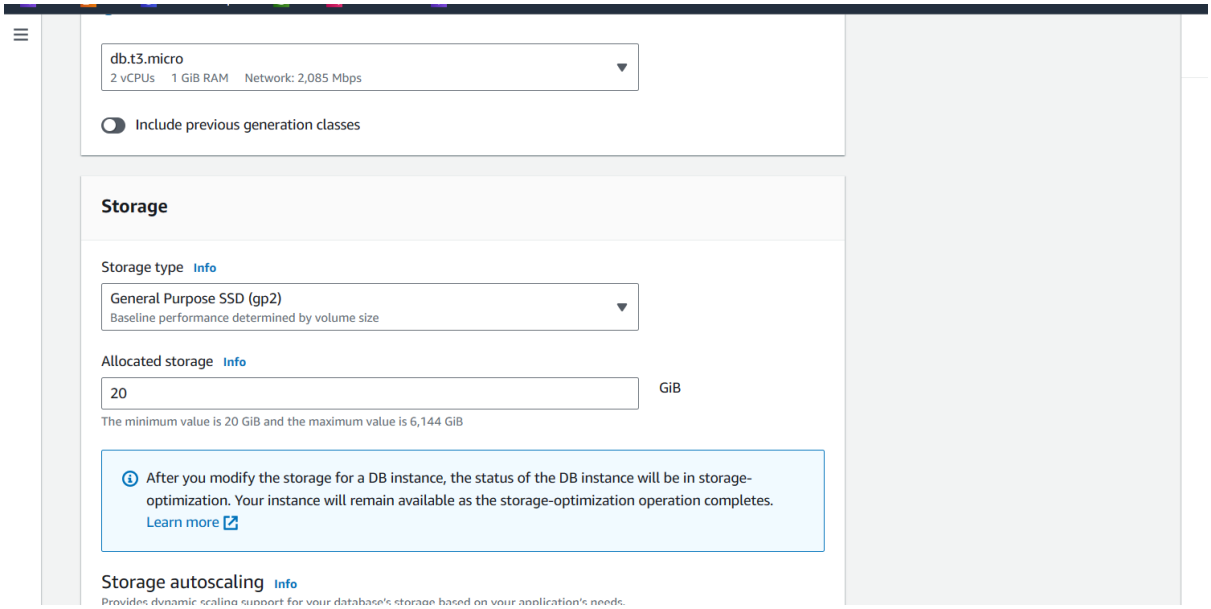
now open the aws instance

create a ec2 instance to connet with sql

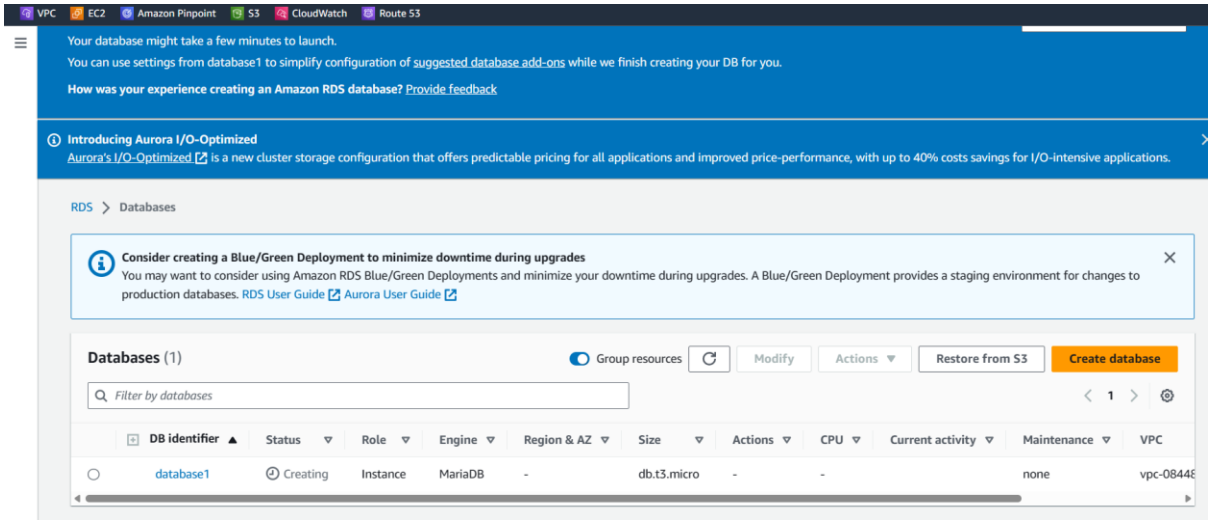




Select the master username and password



Instance size of storage

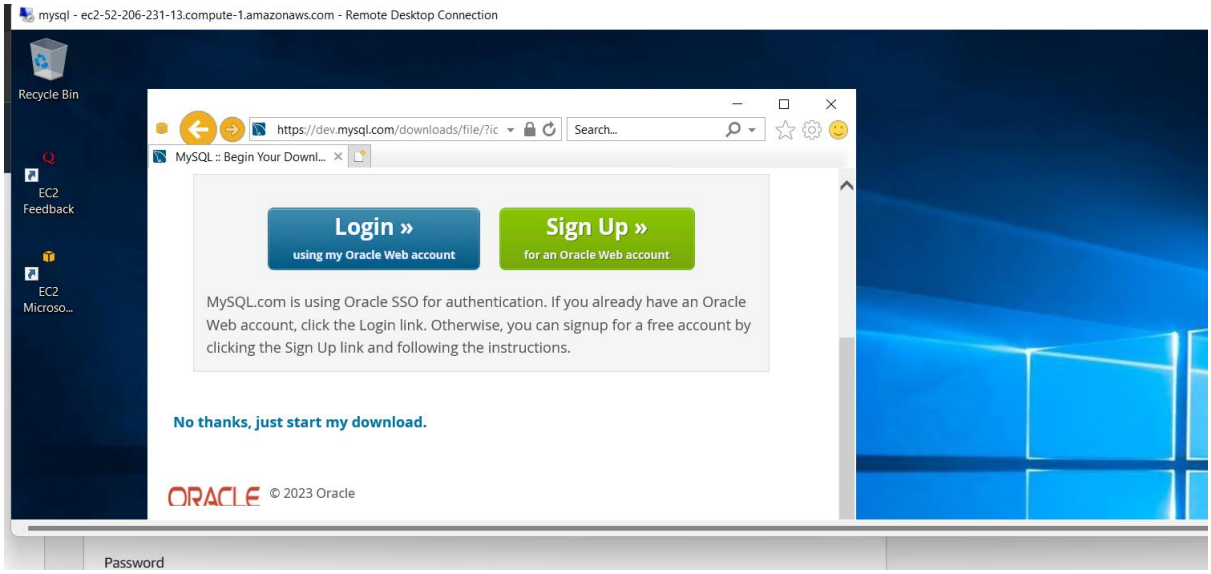


We have create a RDS data base

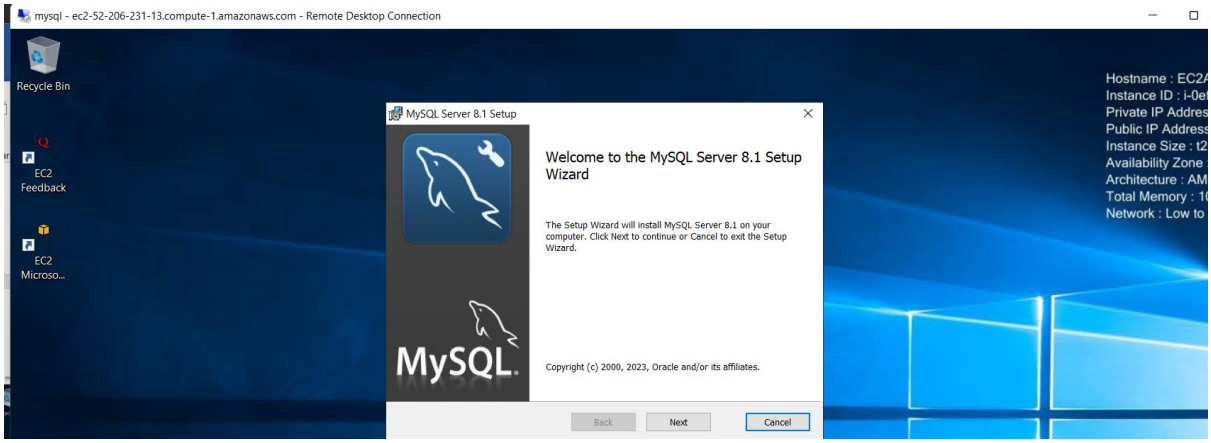
We have completed 1 task

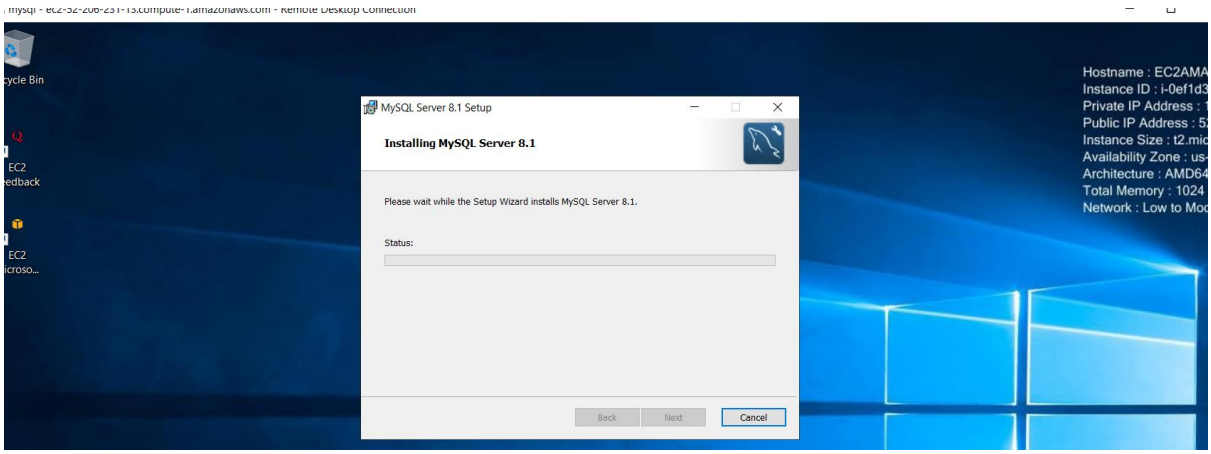
Let see 2 task is DB using sql client for window

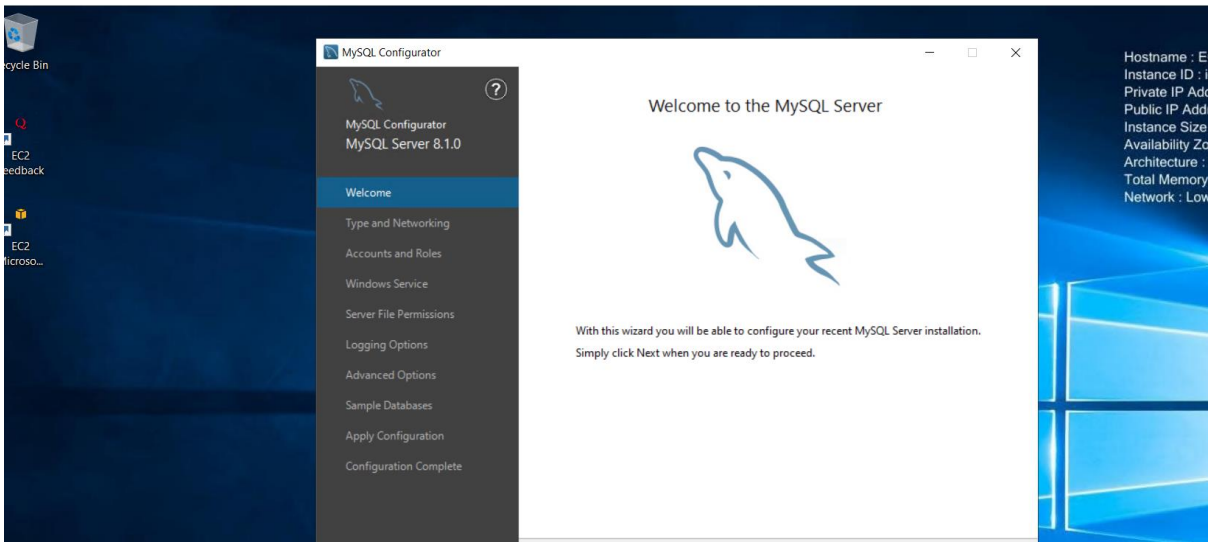
So we go to install the mysql client on window

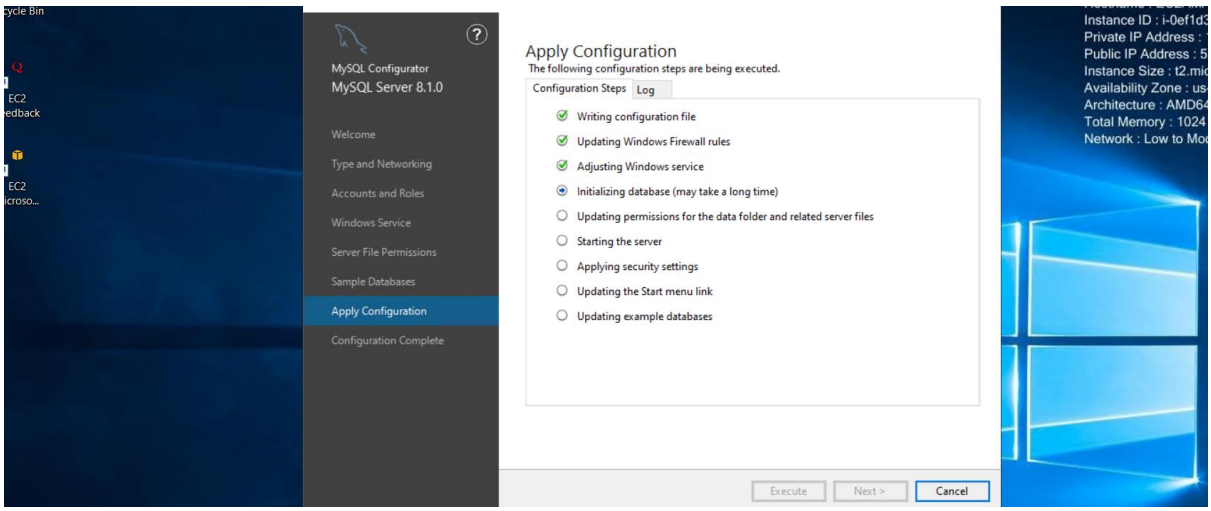


Install mysql to connect with the database









Let see second task

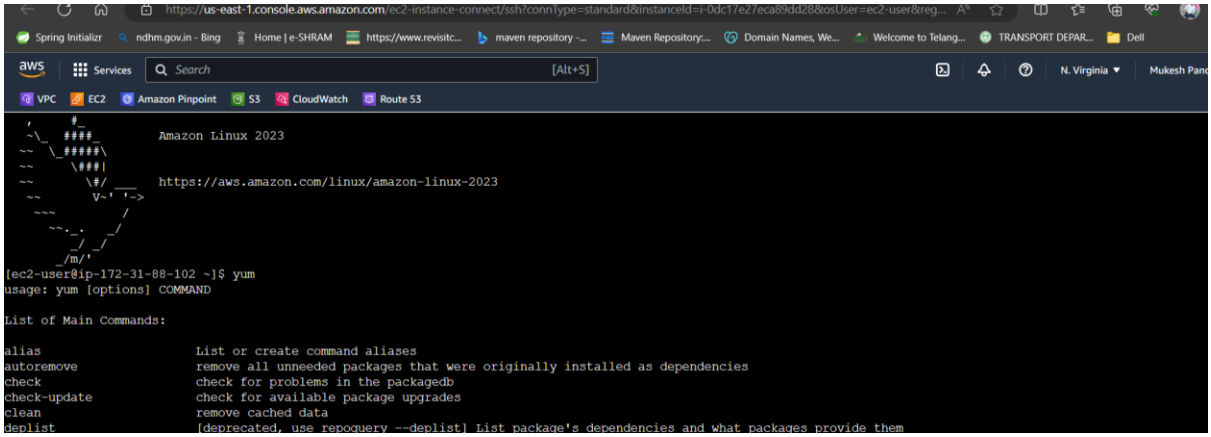
Launch ec2 instance

Then install mysql

Run this command

Yum or

‘apt get’



After words run my sql command

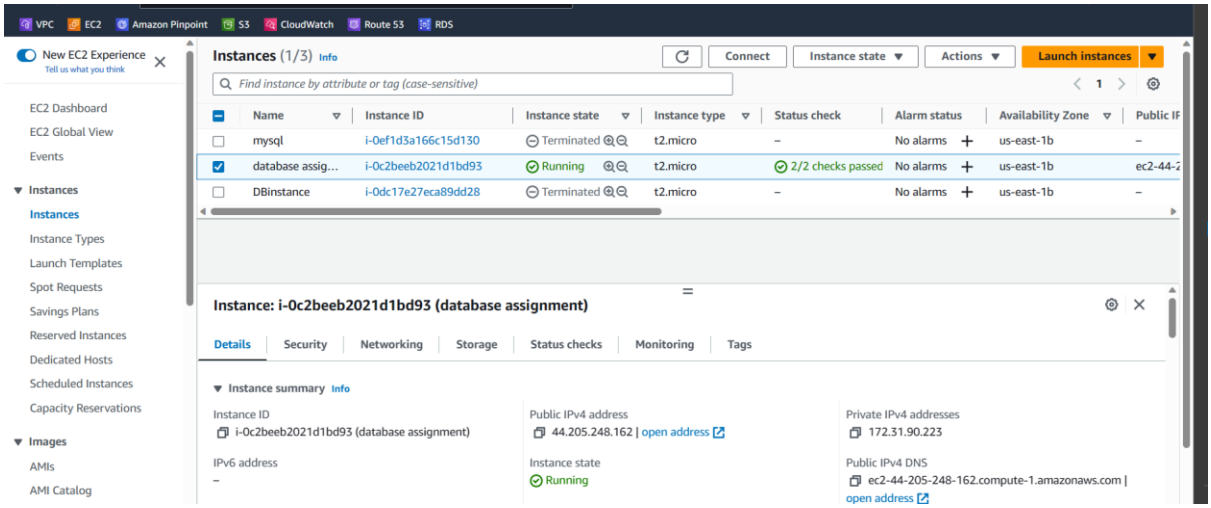
ASSIGNMENT 2

Aurora db

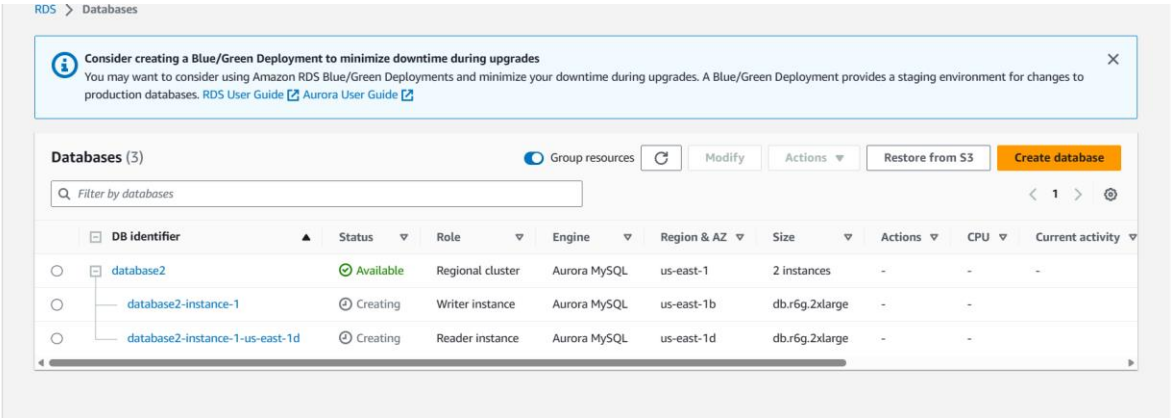
While migrating, you are asked to perform the following tasks:

1. Create an AuroraDB Engine based RDS Database.

2. Create 2 Read Replicas in different availability zones for better infrastructure availability.



Then connect with aurora db



After ward createa different Reolicas in RDS database

Then connect with different zone in database

ASSIGNMENT 3

While migrating, you are asked to perform the following

tasks:

1. Create a DynamoDB table with partition key as ID.

2. Add 5 items to the DynamoDB table.

3. Take backup and delete the table

IN THIS ASSIGNMENT

Write a answer how to do

1. Create a RDS data base
2. Create a DynamoDB
3. Click on the table " create table"

Table details:

1. Enter a table name :-my data
2. Enter the primary key like 01,02,03, are the id key

Syntax : ID

01. Mukesh
02. Vikash
03. Vikarm
04. Vijay
05. Vishal
06. Vijaynayak

This the 5-6 ID to create
After next create backup table
When we delete the table
Backup need the database

After this we complte the assignment

ASSIGNMENT-4

While migrating, you are asked to perform the following
tasks:
1. Create a Redshift data warehouse.
2. Using the query editor:
a. Load some data
b. Query the data

ANSWER:

1. LOGIN WITH AWS
2. CREATE THE AWS Redshift service
3. Create cluster
4. In cluster identifie
   Node type and number for the cluster
   Confiure setting
5. Afterward check the VPC and Security group for the cluster

   Now write some query for the execute the sql

```
CREATE TABLE sales (
  sale_id INT,
  product_name VARCHAR(100),
  sale_amount DECIMAL(10, 2)
);
```

```
INSERT INTO sales (sale_id, product_name, sale_amount)
VALUES
   (1, 'Product A', 100.00),
   (2, 'Product B', 150.50),
   (3, 'Product C', 200.25);
```

First table create a table “sale”
Second table will instert the table details likes” productA , ProductB ,..ETC

LET SEE THE QUERY THE TABLE THAT
Successful inster or not let see
Run this command to check out

```
SELECT product_name, SUM(sale_amount) AS total_sales
FROM sales
GROUP BY product_name;
```

After exective this query u can see table of product name nd price

**********Complete the assignment **********