Maharishi International University (MIU)
Cloud Computing (CS516)
Prof. Unubold Tumenbayar

MAHARISHI INTERNATIONAL UNIVERSITY
Formerly Maharishi University of Management

ASSIGNMENT - 5

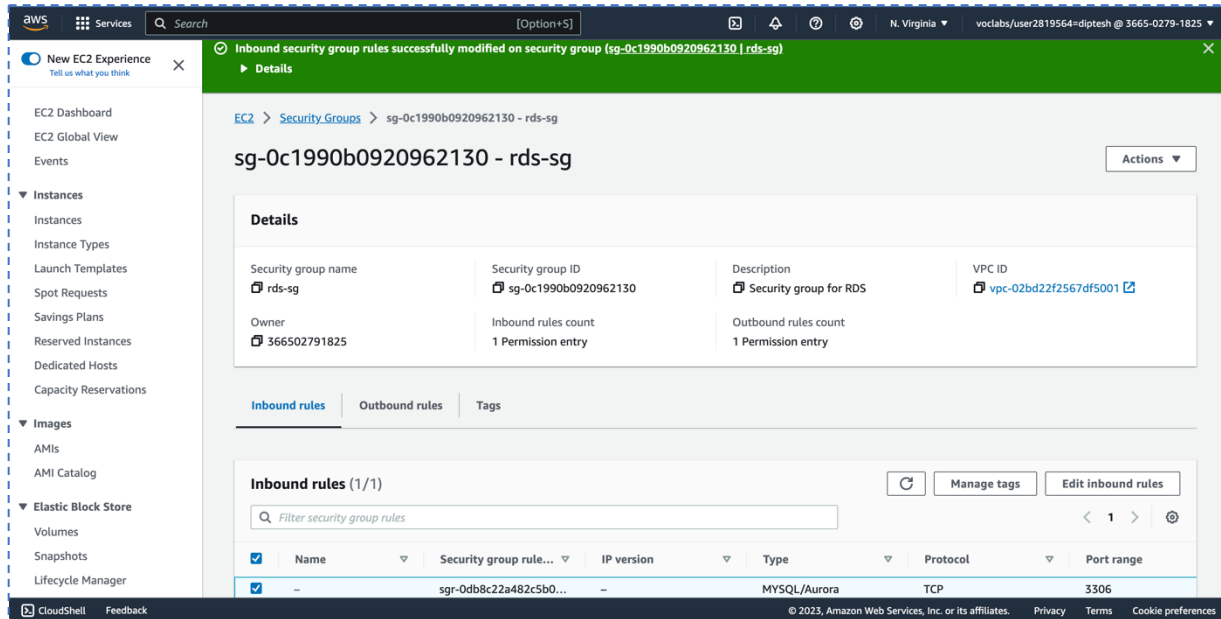- **Task 1: Create an Aurora Database and connect to it from an EC2**

Image - 1: Security group created for RDS.

(*Forgot to take the initial screenshot so screenshot taken after updating the RDS security group was updated to allow access only from EC2 instance).
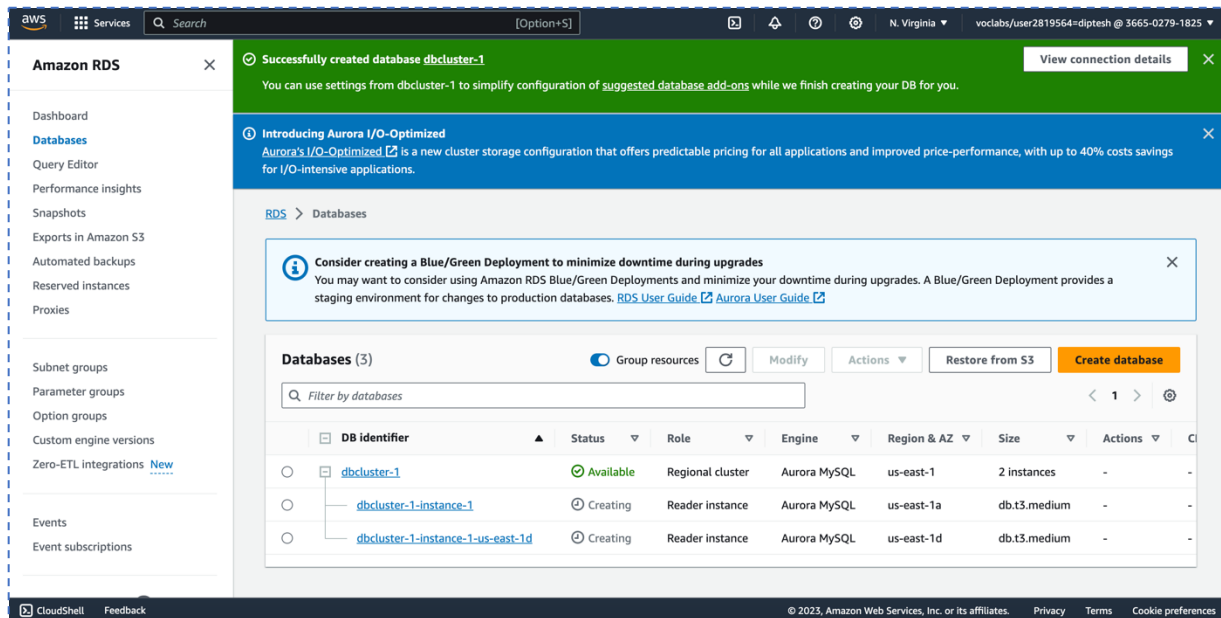

Image - 2: Created RDS with Aurora (MySQL compatible) engine containing "university" database and root database user.

Maharishi International University (MIU)
Cloud Computing (CS516)
Prof. Unubold Tumenbayar

MAHARISHI
INTERNATIONAL
UNIVERSITY
Formerly Maharishi University of Management

Image - 3: After the MySQL client was installed, got connected to primary instance of our database server, showing databases.

Image - 4: Created a table name Student under the university database.

Image - 5: Inserted some dummy data into the Student table.

Image - 6: Created second table called Grades.

Maharishi International University (MIU)
Cloud Computing (CS516)
Prof. Unubold Tumenbayar

MAHARISHI
INTERNATIONAL
UNIVERSITY
Formerly Maharishi University of Management

Image - 7: Inserted dummy data into the Grades table.

Image - 8: Disconnected from the primary instance of our database server and connected to the read instance of our database server.

Maharishi International University (MIU)
Cloud Computing (CS516)
Prof. Unubold Tumenbayar

MAHARISHI
INTERNATIONAL
UNIVERSITY

Formerly Maharishi University of Management

Image - 9: Running a joined query to view the Student and their Grades information.