RELATIONAL DATABASE SERVICE CREATION IN AMAZON

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AIM

To Relational Database Service Creation in Amazon.

PROBLEM STATEMENT

The experiment aims to demonstrate the creation of an Amazon RDS instance for hosting a relational database in the cloud. This includes configuring database settings, connecting to the instance, and testing database functionality using SQL commands.

ALGORITHM

Step 1:

Log in to the AWS Management Console and Search for RDS in the search bar and click on the Relational Database Service option..

Step 2:

Click on Create database, select a database engine (e.g., MySQL), and choose a deployment model (e.g., Standard Create).

Step 3:

Specify database instance settings, including the instance size, storage type, username, and password.

Step 4:

Configure network settings, including VPC, Subnet Group, and Security Group to allow access to the database.
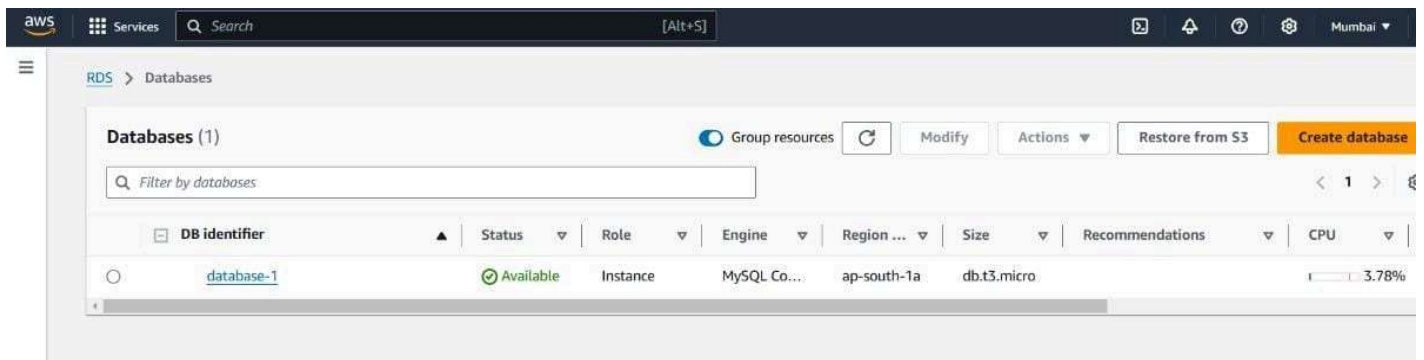
Step 5:

Launch the RDS instance, connect to it using a database client (e.g., MySQL Workbench or CLI), and test its functionality by creating and querying a sample table.

COMMANDS

```
mysql -h <endpoint> -u <username> -p
```

OUTPUT

RESULT

The experiment successfully demonstrated the creation of a relational database in Amazon RDS, configuration of its settings, and testing of database functionality using SQL commands.