

RDS

Step 1 :- Create Ec2-instance. Assign ports – ssh,http

Step 2 :- Go to RDS service → go to Databases → Create database → Method – Easy create → Engine options – select any DB (Mysql or any other u want) → Templates – Free tier → Settings → DB instance identifier – assign db name → Master username – assign name (admin) → credential management – Self managed → Assign master password → **Set up EC2 connection** - Connect to an EC2 compute resource → EC2 instance - select ec2 instance → Create Database.

Note : Wait until database status will show Available

Step 3 :- Go to ec2 – select instance created in step-1 → go to security groups of instance – you can see one extra security group → Assign inbound rule in both Security groups → add rule – type- MySQL-aurora , port-3306, over the internet (0.0.0.0/0).

Step 4 :- launch instance and install sql in cli.

- **sudo apt update**
- **sudo apt install mysql-server**
- **sudo mysql_secure_installation** - Select the option correctly
- **sudo systemctl mysql**

Step 5 :- Login/connect to RDS instance

- **mysql -h your-rds-endpoint -u your-username -p**
- run the above command
- you can get the end-point from your rds instance (connectivity & settings).
- username – admin
- password – enter your password. (Created at the time of RDS creation)

Step 6 :- Once you logged_in in Sql.

- Create db – **Create database db_name;**
- **Show databases;**
- **Use db_name;**
- **Create table (-----);**
- **Insert data (-----);**
- **Select * from table_name;** - you can check table

Step 7 :- Install aws-cli.

- **Sudo apt install aws-cli**

Run below commands to install aws-cli if you got an error while installing aws-cli by above command.

- **curl "https://awscli.amazonaws.com/awscli-exe-linux-x86_64.zip" -o "awscliv2.zip"**
- **unzip awscliv2.zip**
- **sudo ./aws/install**
- **aws --version**
- **aws s3 ls**