AWS RDS

Database on Ec2 Instance

sudo su -

yum -y install mariadb-server wget

systemctl enable mariadb

systemctl start mariadb

yum -y update

Set Environment Variables

DBName=ec2db

DBPassword=admin123456

DBRootPassword=admin123456

DBUser=ec2dbuser

Database Setup on Ec2 Instance

echo "CREATE DATABASE ${DBName};" >> /tmp/db.setup

echo "CREATE USER '${DBUser}' IDENTIFIED BY '${DBPassword}';" >> /tmp/db.setup

echo "GRANT ALL PRIVILEGES ON \*.\* TO '${DBUser}'@'%';" >> /tmp/db.setup

echo "FLUSH PRIVILEGES;" >> /tmp/db.setup

mysqladmin -u root password "${DBRootPassword}"

mysql -u root --password="${DBRootPassword}" < /tmp/db.setup

rm /tmp/db.setup

Adding some dummy data to the Database inside Ec2 Instance

mysql -u root --password="${DBRootPassword}"

USE ec2db;

CREATE TABLE table1 (id INT, name VARCHAR(45));

INSERT INTO table1 VALUES(1, 'Virat'), (2, 'Sachin'), (3, 'Dhoni'), (4, 'ABD');

SELECT \* FROM table1;

Migration of Database in Ec2 Instance to RDS Database

mysqldump -u root -p ec2db > ec2db.sql

mysql -h <replace-rds-end-point-here> -P 3306 -u rdsuser -p rdsdb < ec2db.sql

mysql -h <replace-rds-end-point-here> -P 3306 -u rdsuser -p

USE rdsdb

SELECT \* FROM table1;