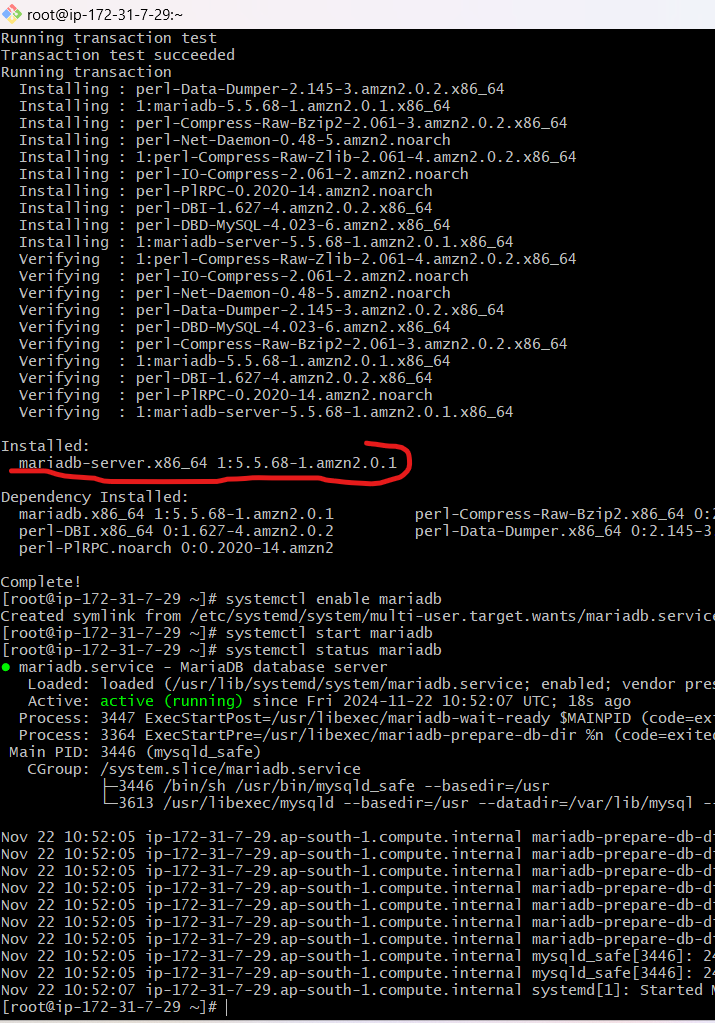
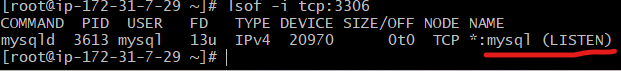
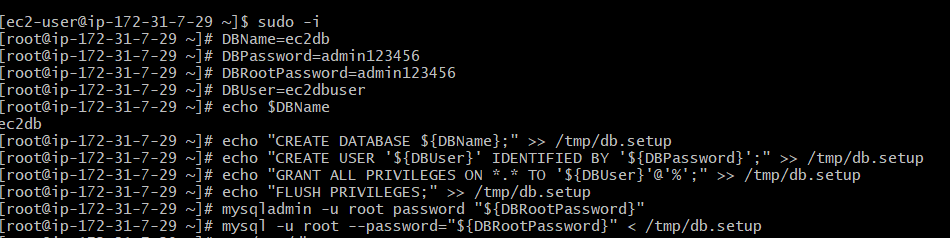
**1) Create mariadb db on ec2.**

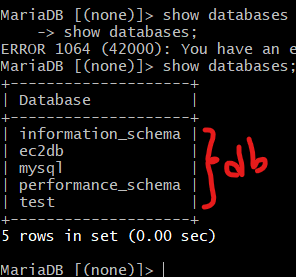
****

**SQL run on “3306” port only;**

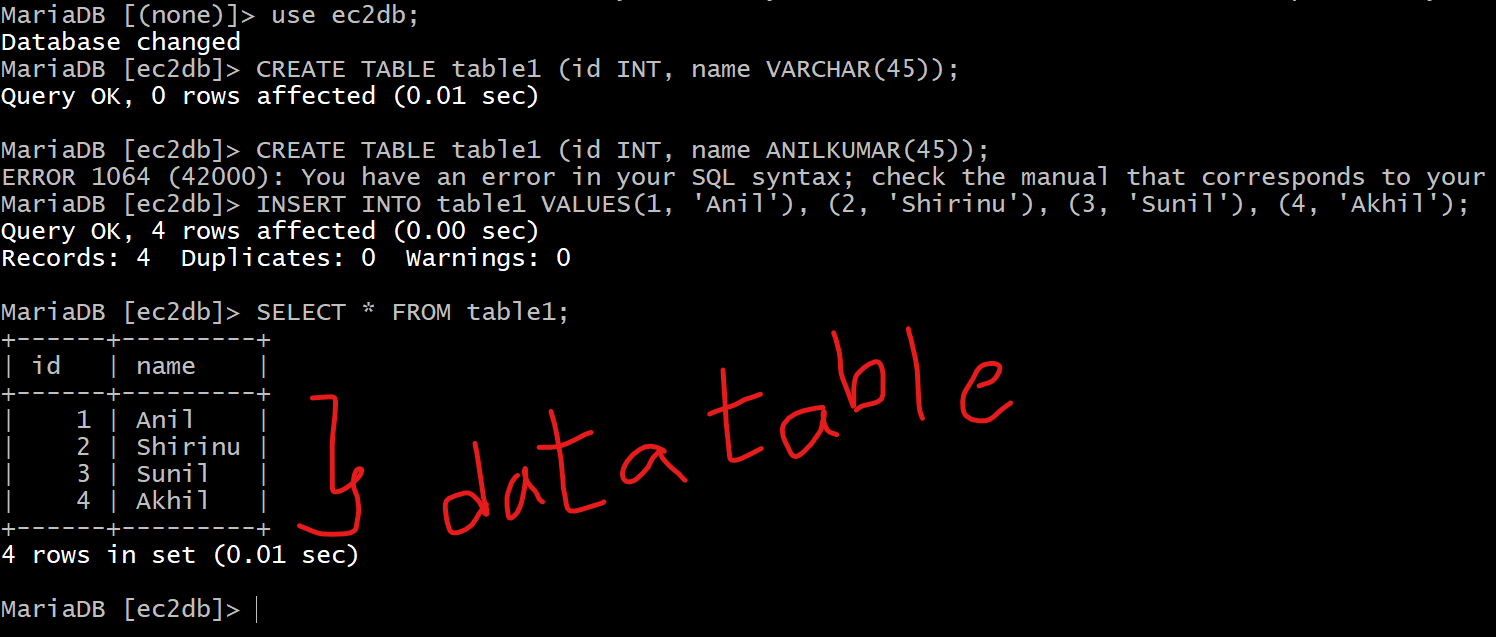
****

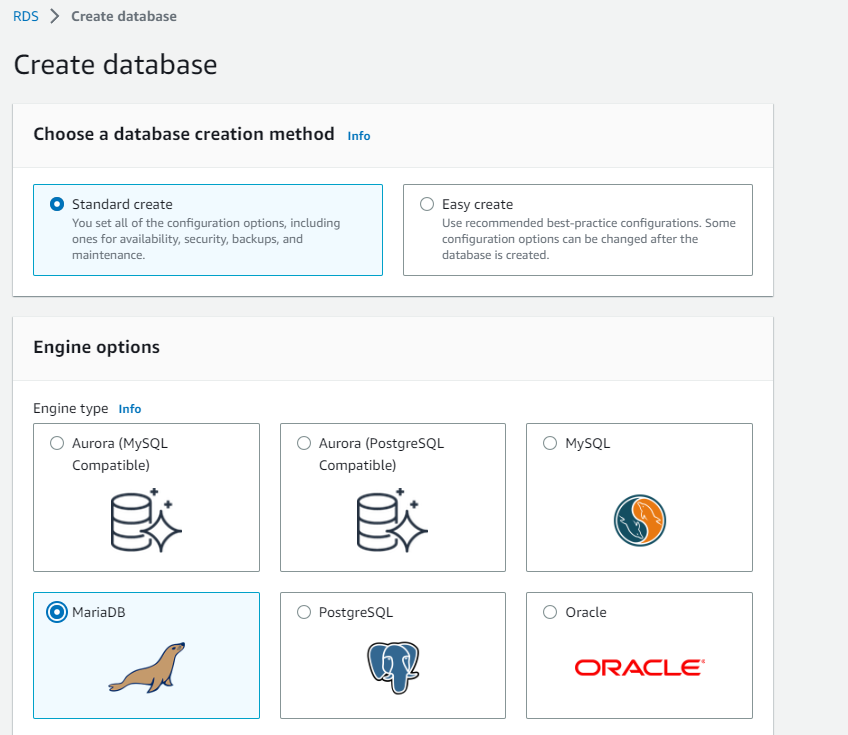
****

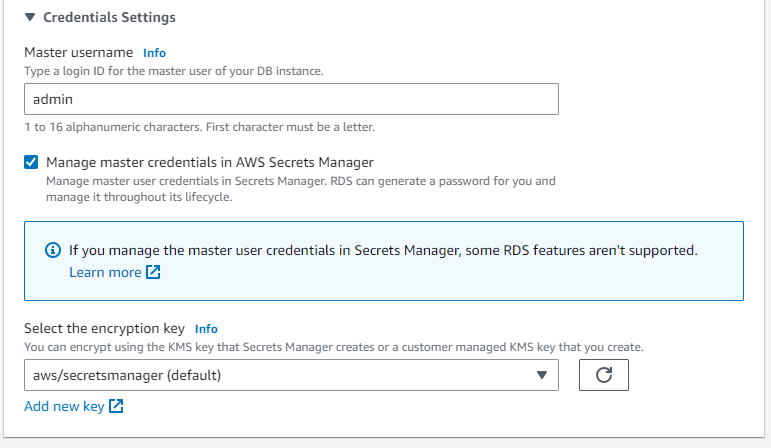
**Databases:**

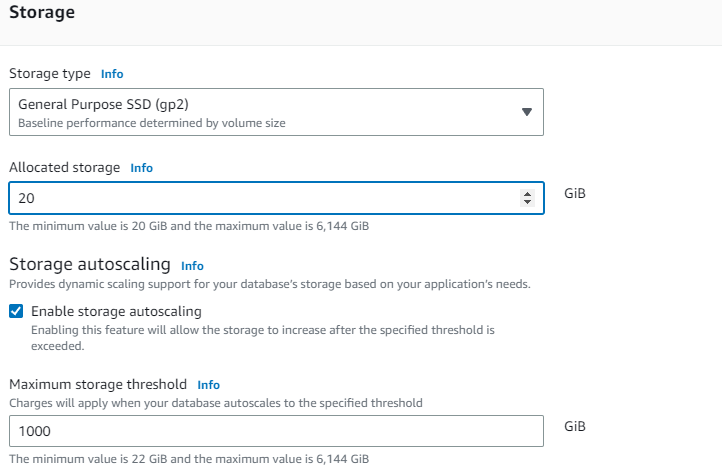
****

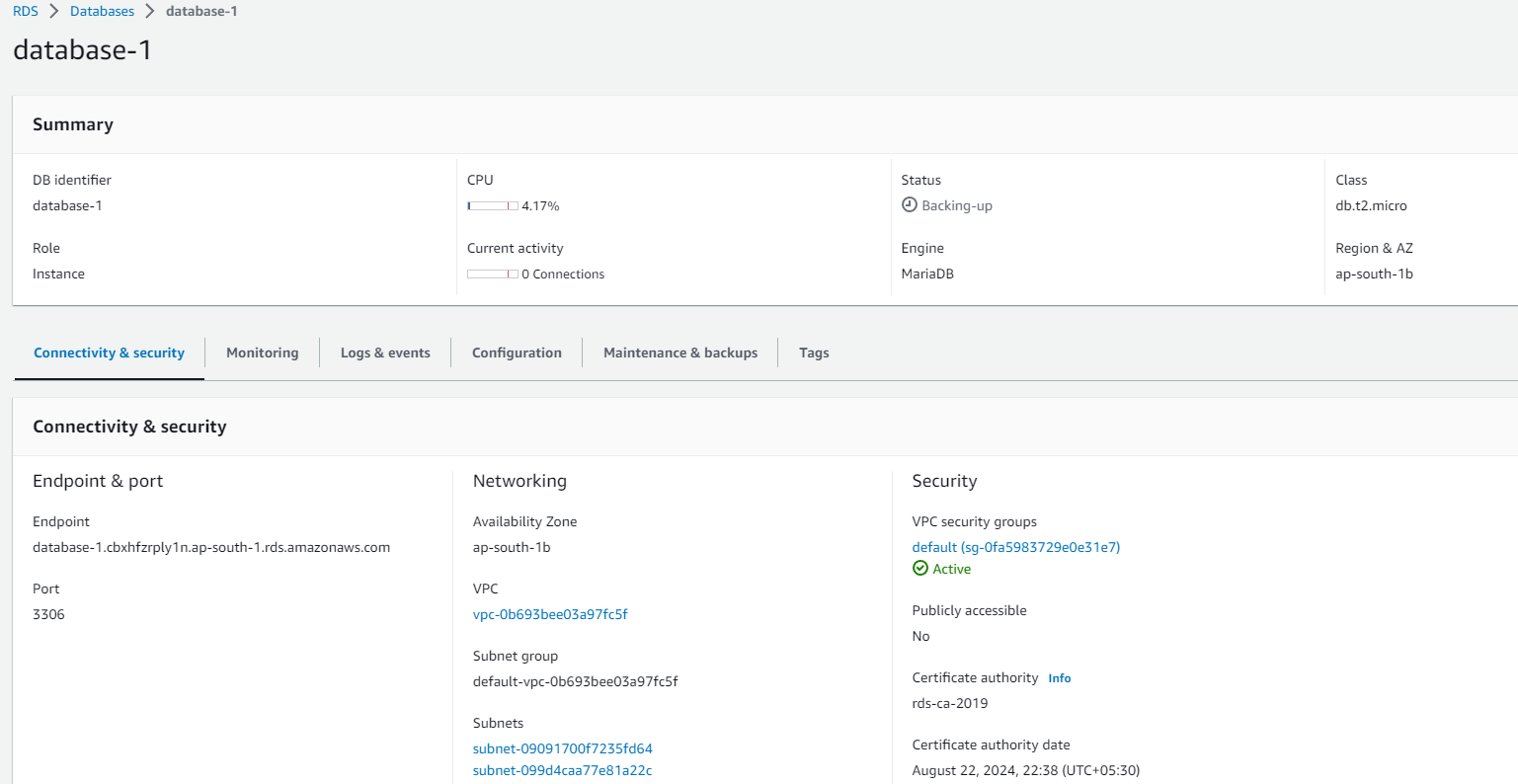
**2) Insert some dummy data**

****

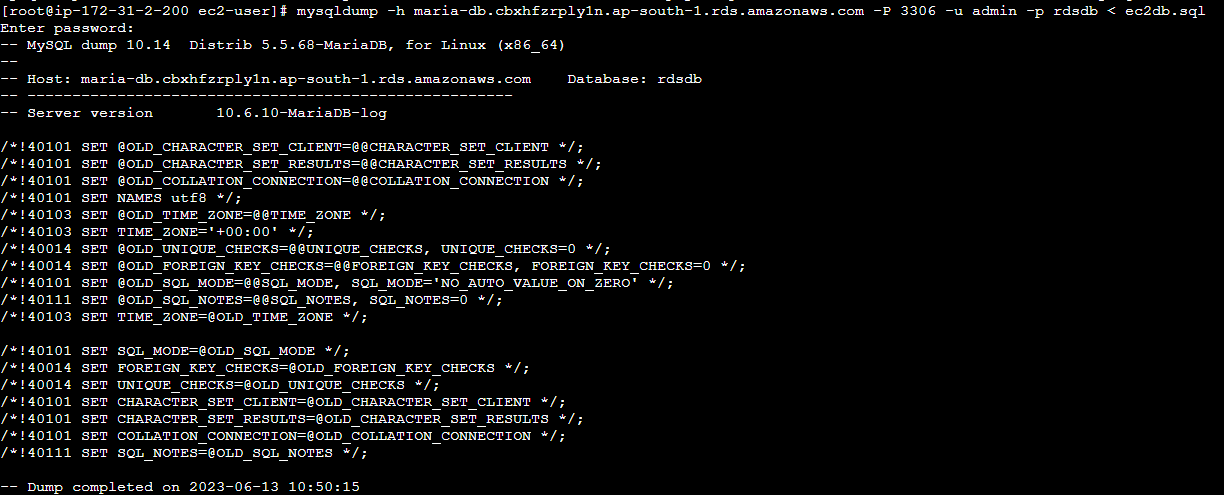
**3) launch Mariadb RDS instance. **

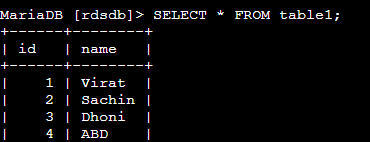
****

****

****

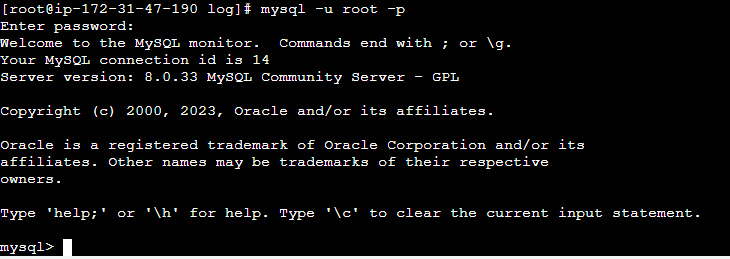
**4) launch Mariadb RDS instance.**

****

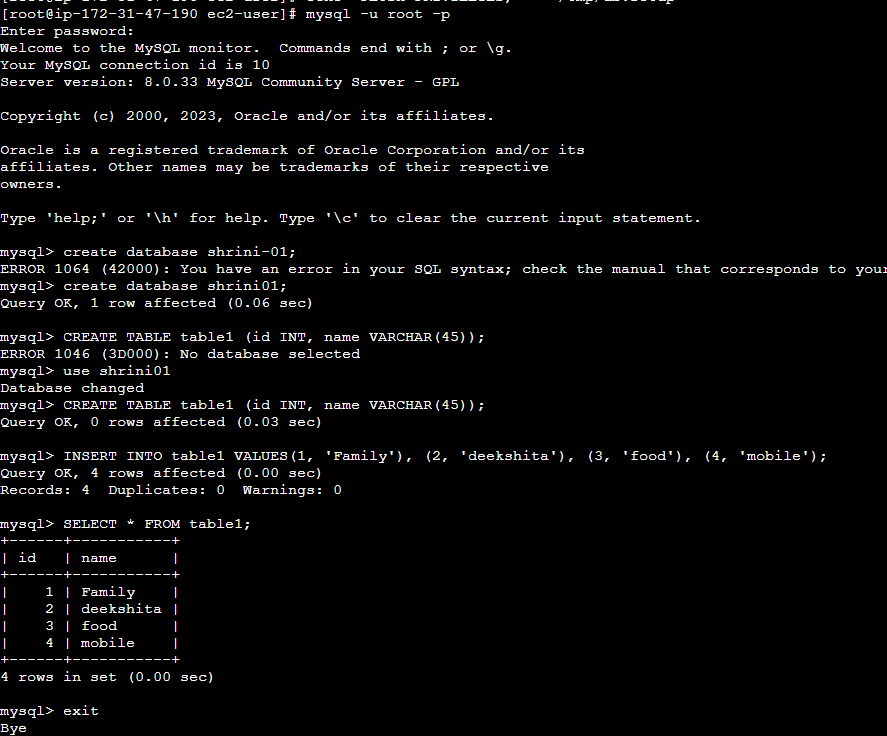
****

**5) Installing MYSQL db on ec2;**

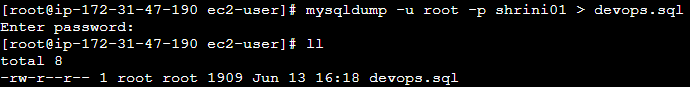
**Follow the doc for installing mysql in aws ec-2;**[**https://tecadmin.net/how-to-install-mysql-8-on-amazon-linux-2/**](https://tecadmin.net/how-to-install-mysql-8-on-amazon-linux-2/)

****

**Inserted some dummy data in mysql ec2/ and taking backup;**

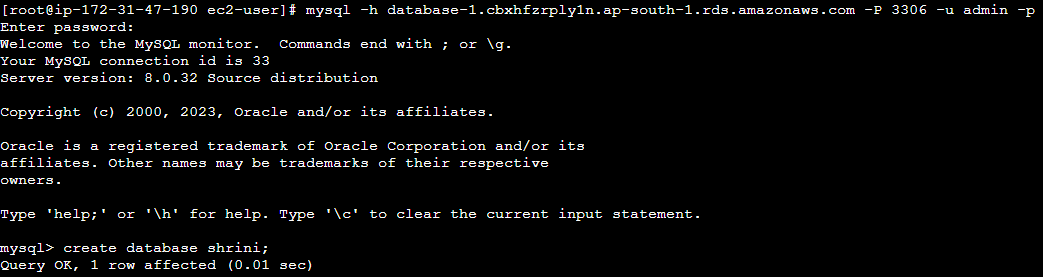
****

**Now taking backup of above ec-2 db named “shrini01” with SQL file;**

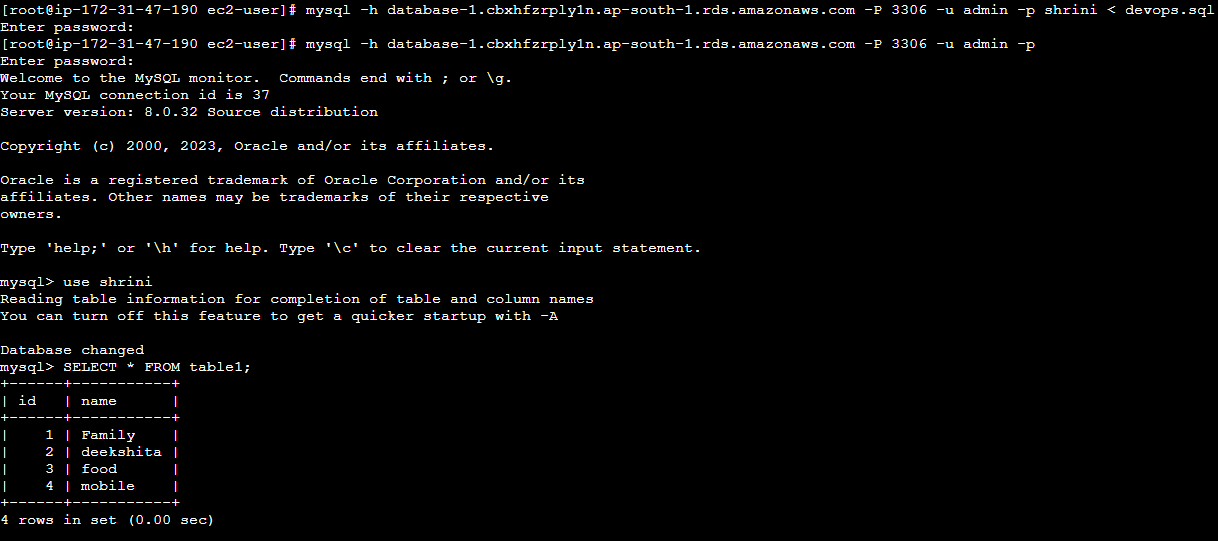
****

**Password will be given on MYSQL installation will be used here**

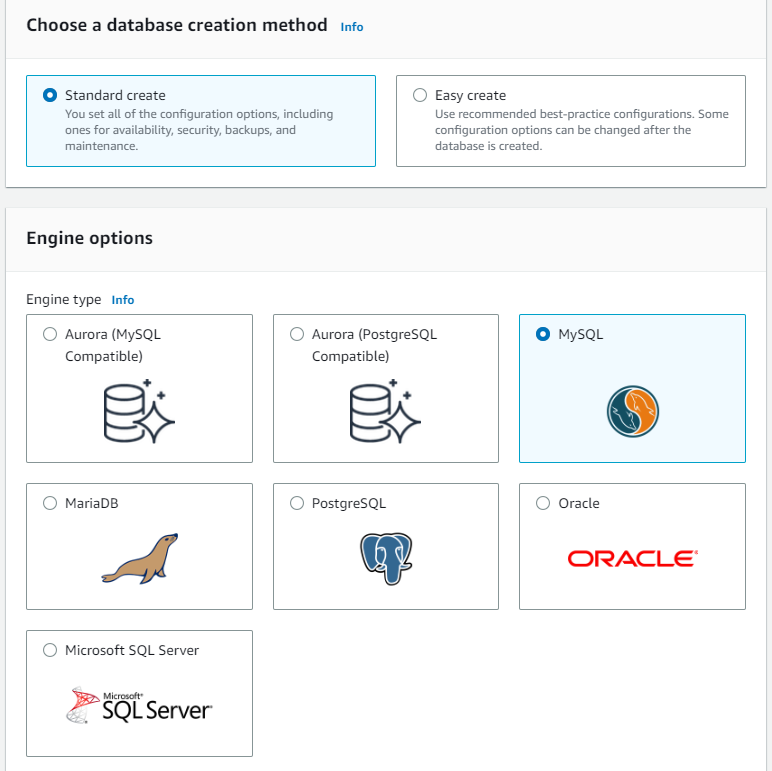
**Now, we moved the backup file of ec2-db named “devops.sql” but we have to create a DB inside the RDS-DB named “shrini”;**

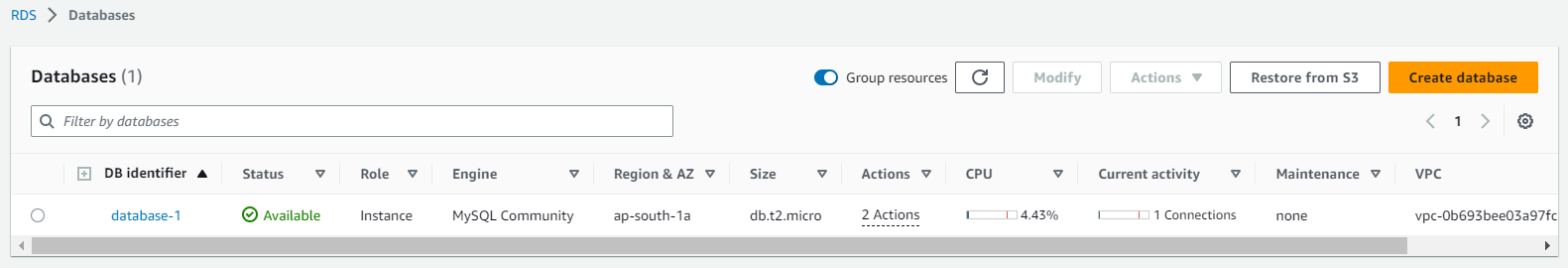
****

**So DB is created and we have to backup the ec2-DB(Anil01) to RDS-DB(Anil)**

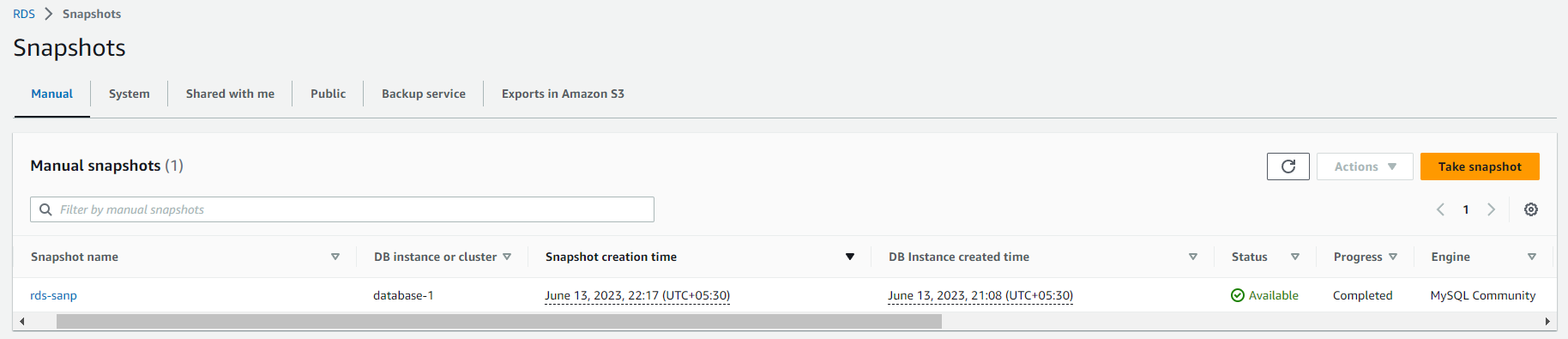
****

**“Above pic we can see our ec2-db content has been backup in RDS-DB”**

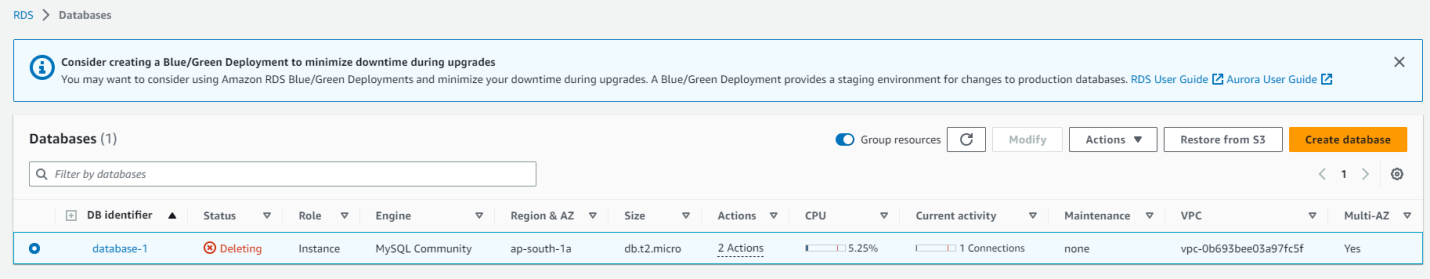
****

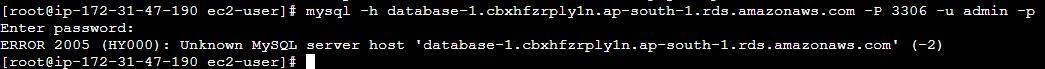
****

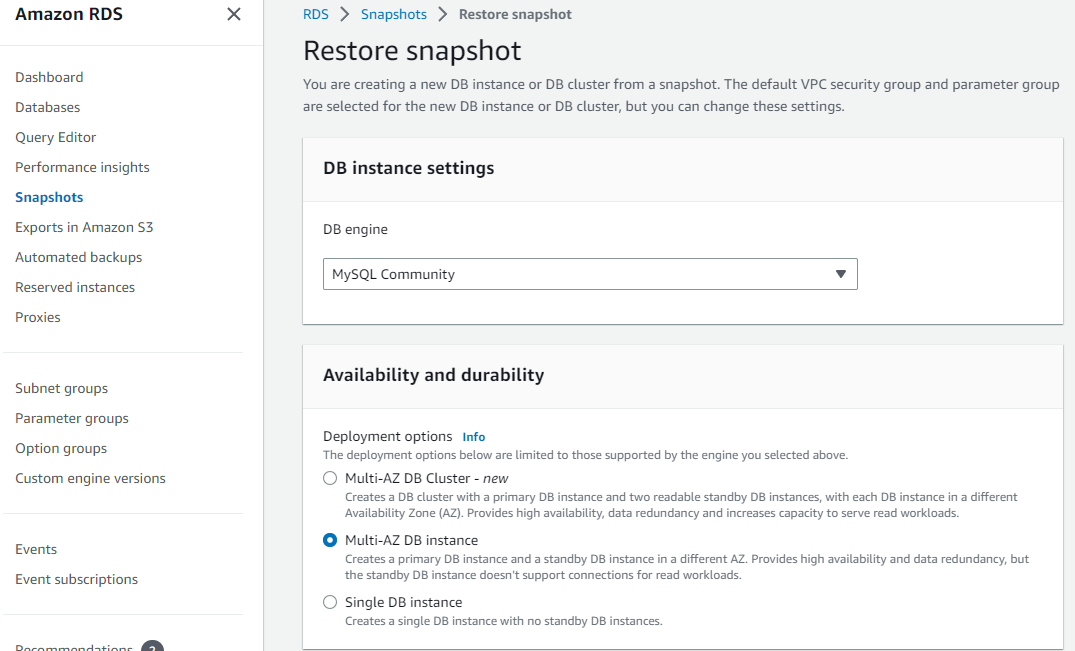
**6) COnfigure multi AZ**

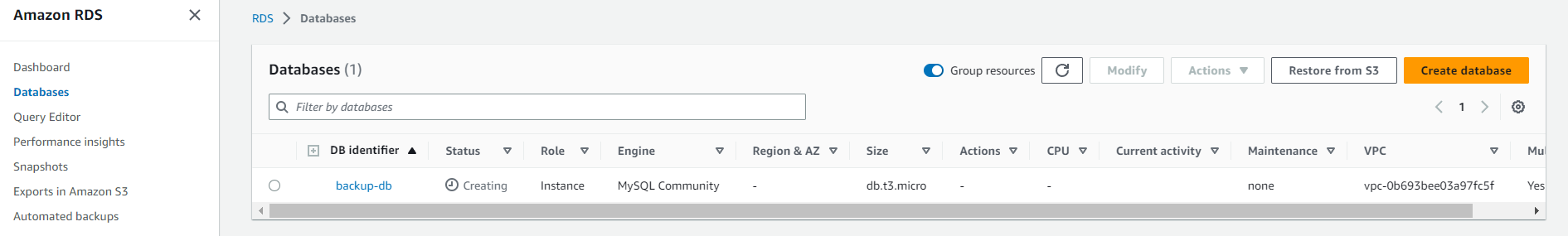
****

**And Now, we will restore the db after deleting the RDS-DB;**

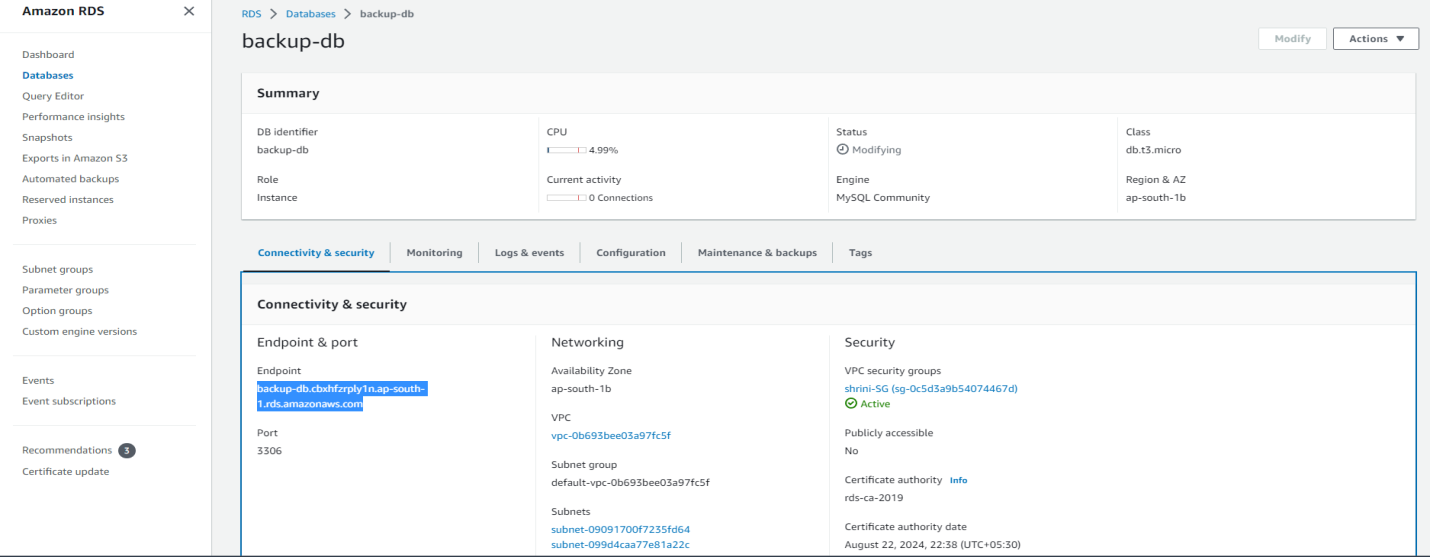
****

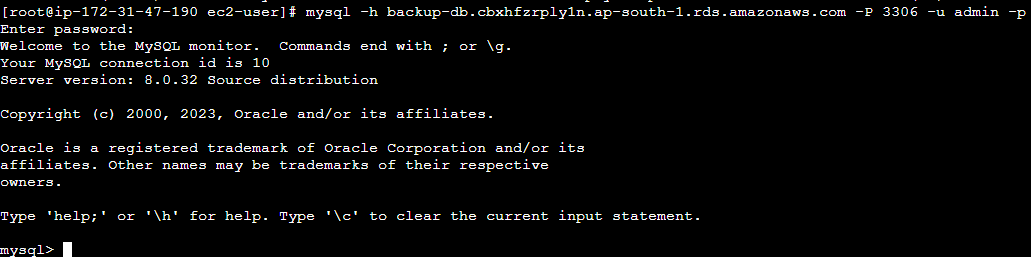
****

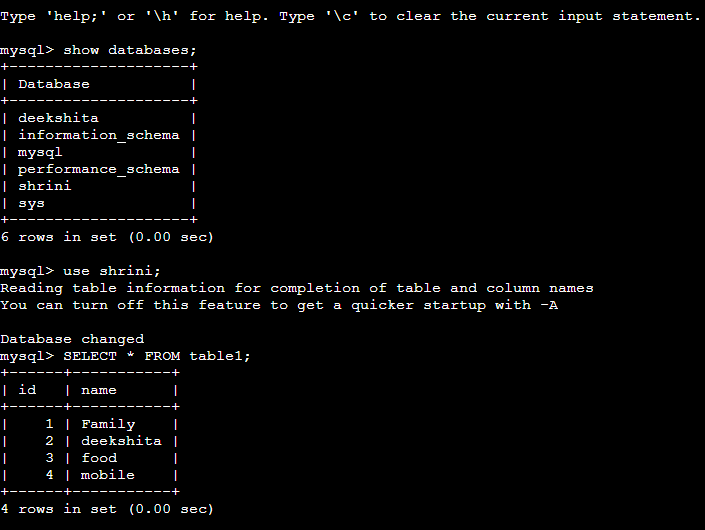
****

****

**Now, we have to take our new endpoint and try to connect with ec2;**

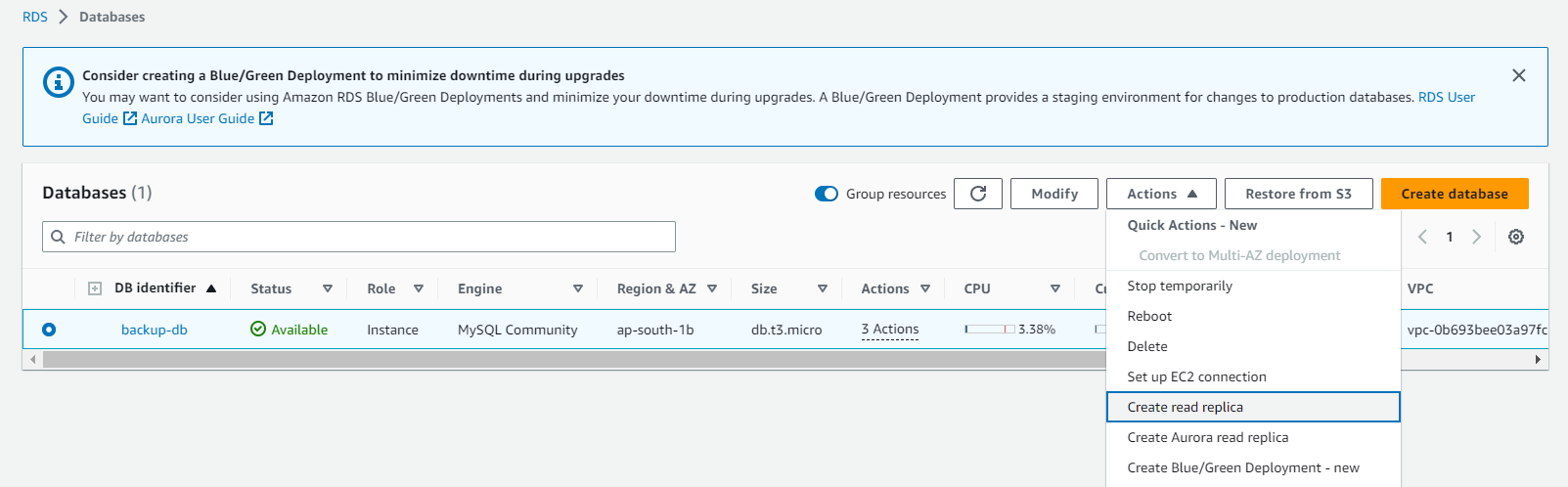
****

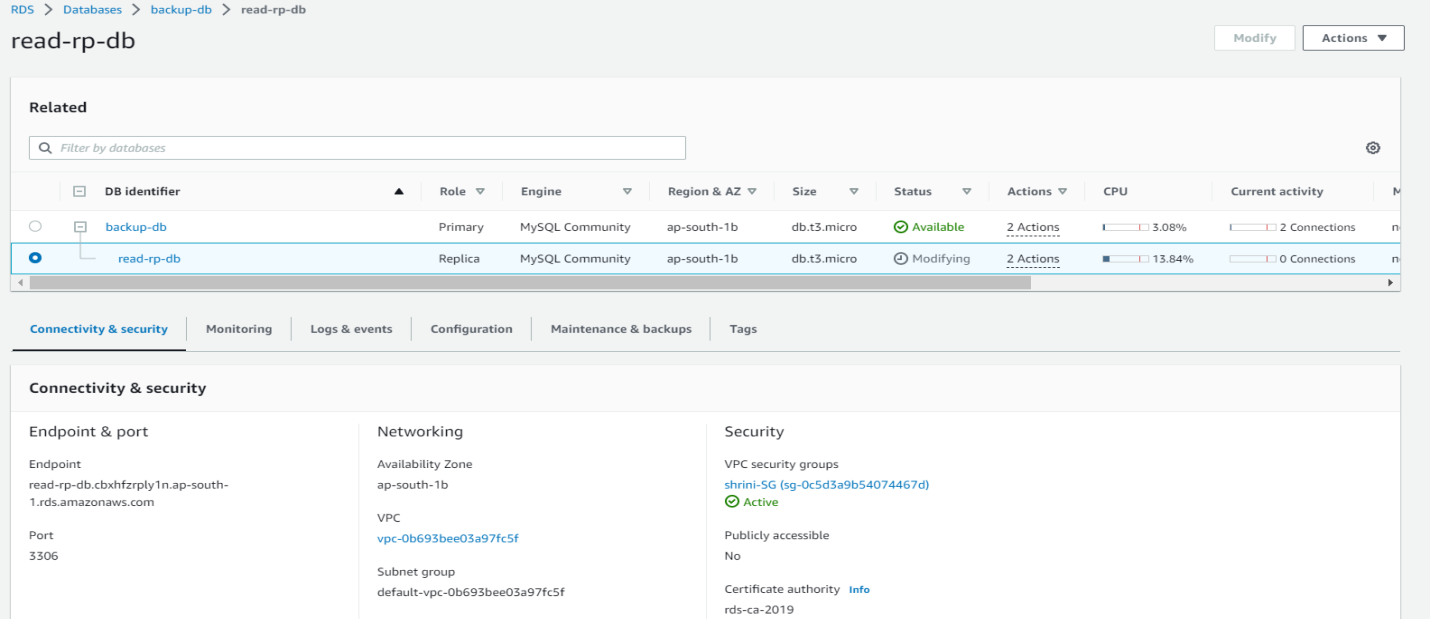
****

****

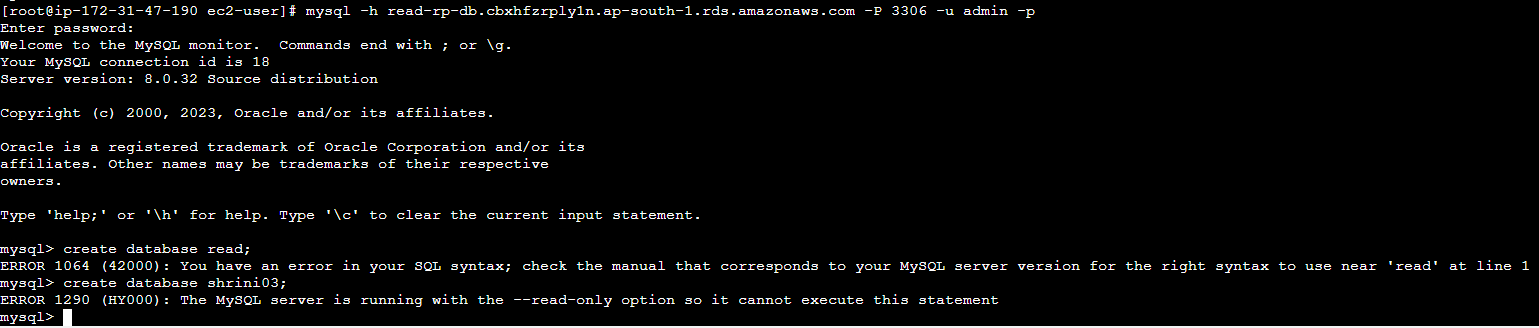
**“By restoring the db we are getting our databases with the help of snapshot”**

**7)** **Create ReadReplca**

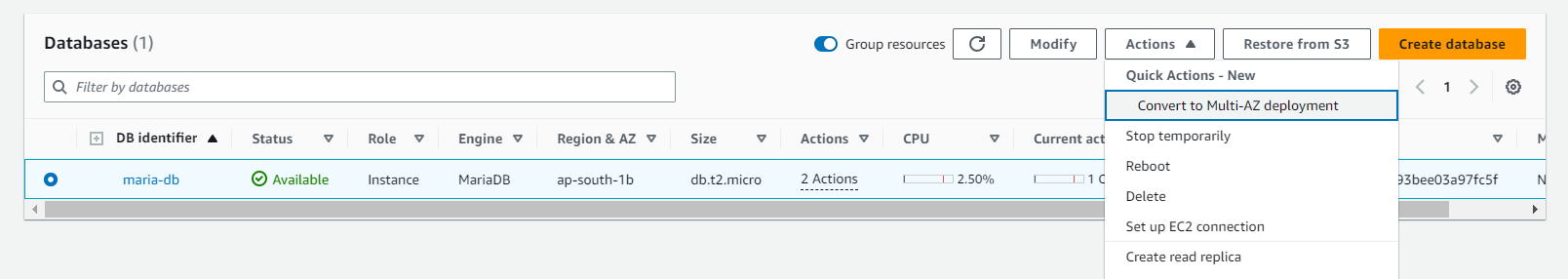
****

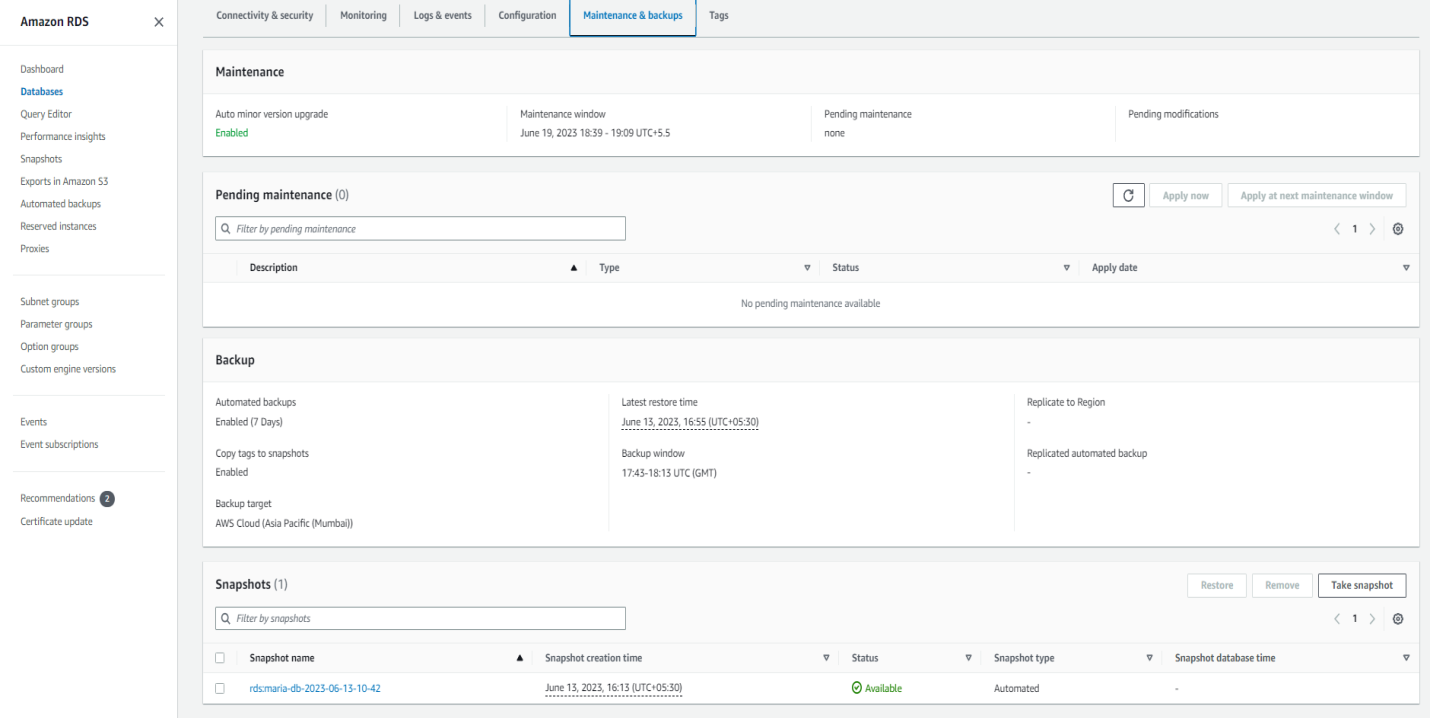
****

**\*\*If we want to use the read replica-db we have to take endpoint of replica   
“You can find the below error we can’t able to write ant thing on db”**

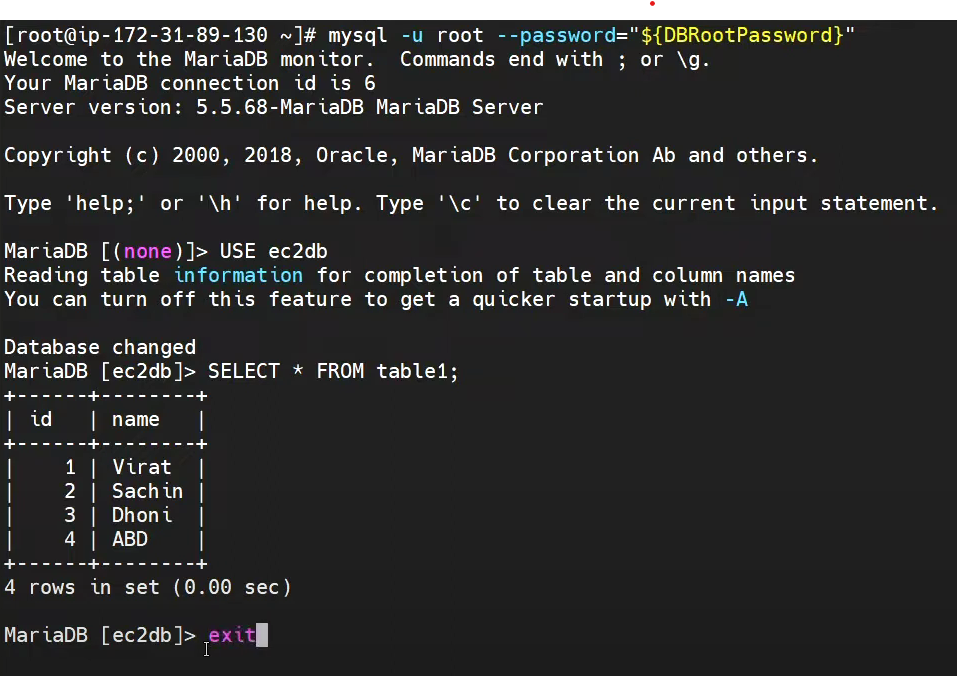
****

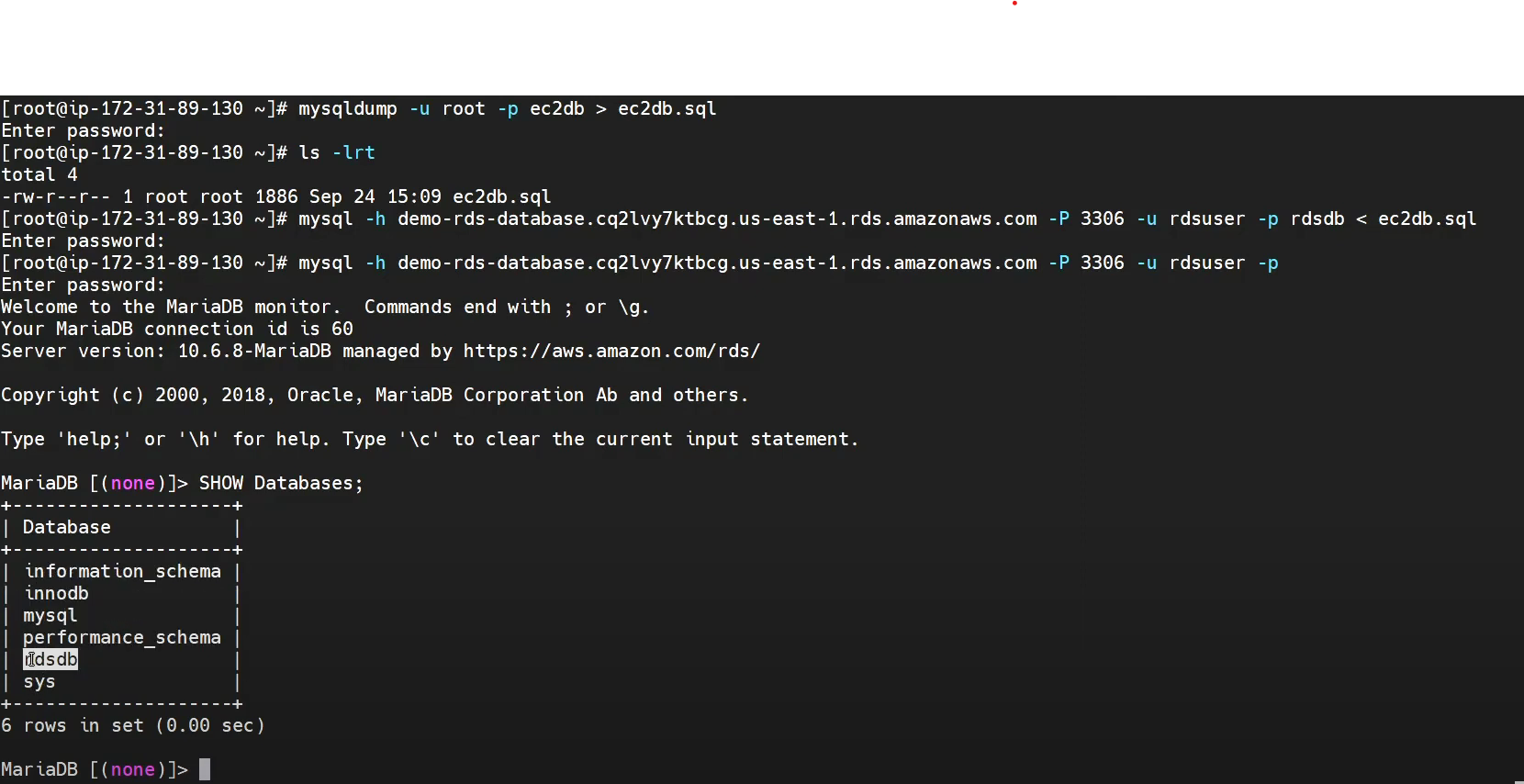
**8) Migrate database from ec2 to RDS.**

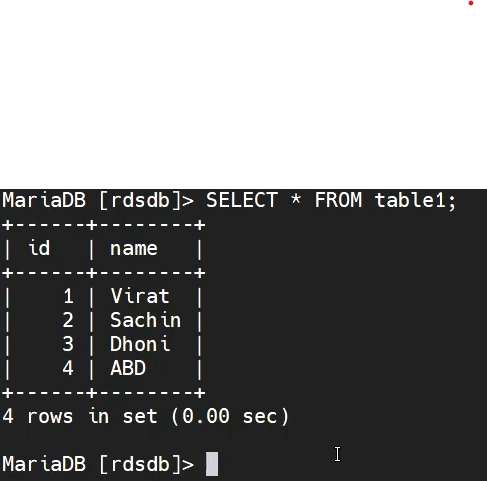
****

****

**9) Migrate database from ec2 to RDS.**

****

****

****