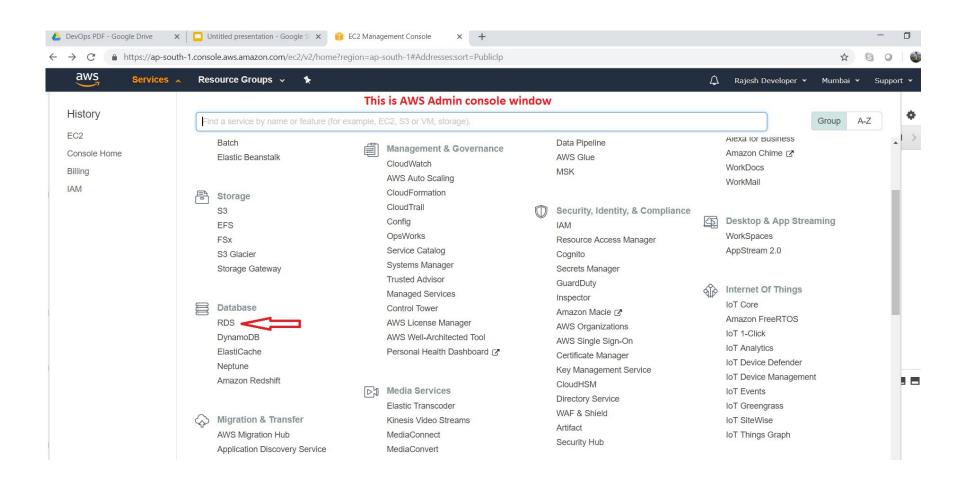
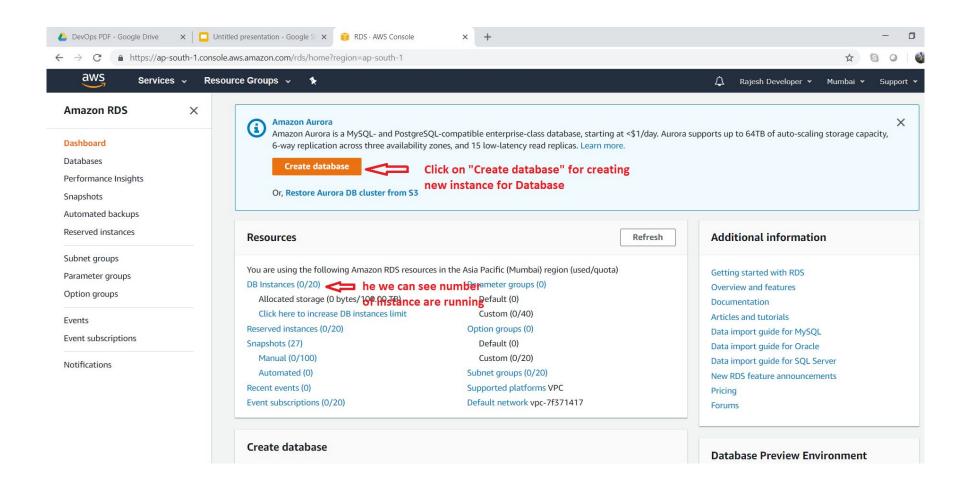
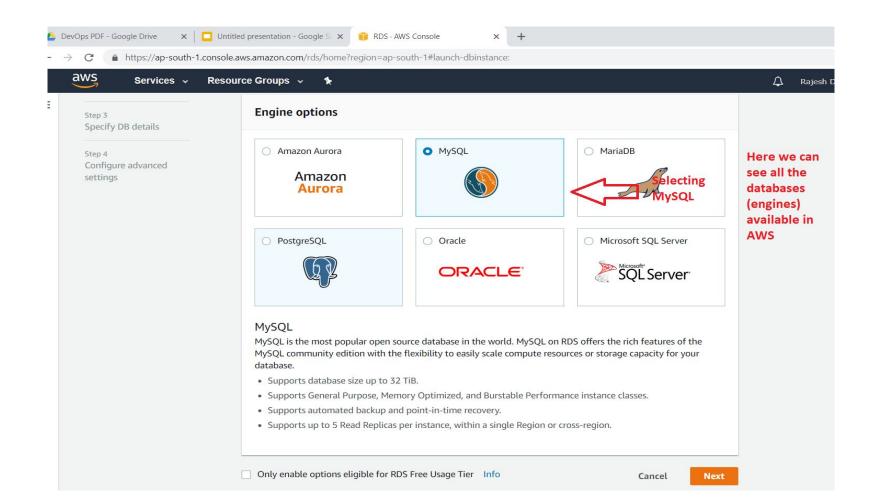
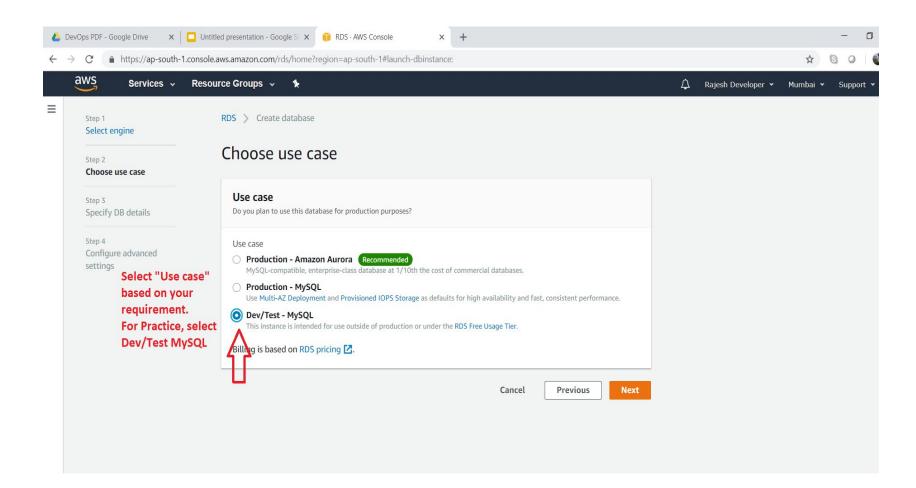
Relational Database Services (RDS)

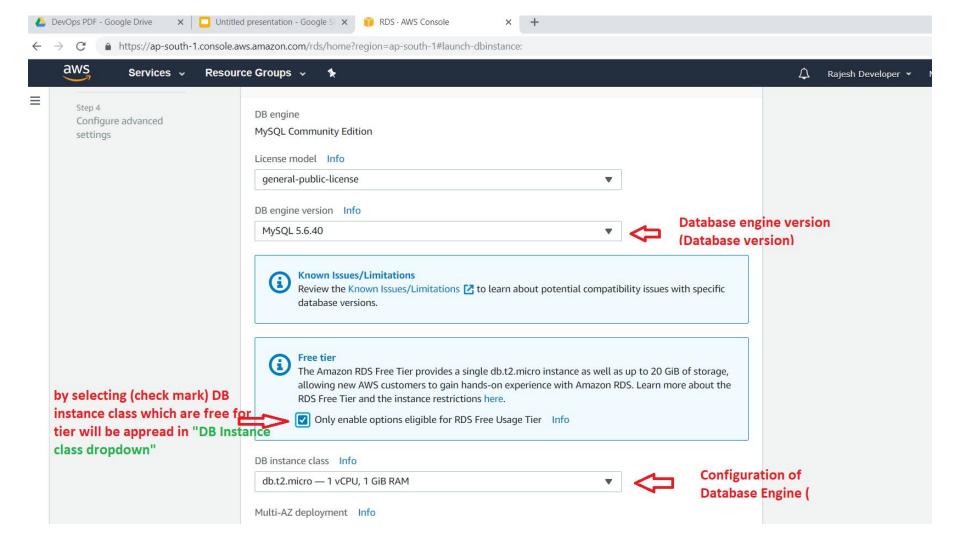
- 1. Amazon Relational Database Service (Amazon RDS) is a web service that makes it easier to set up, operate, and scale a relational database in the cloud. it provides cost-efficient, resizable capacity for an industry-standard relational database and manages common database administration tasks.
- 2. Amazon RDS manages backups, software patching, automatic failure detection, and recovery.
- 3. To deliver a managed service experience, Amazon RDS doesn't provide shell access to DB instances, and it restricts access to certain system procedures and tables that require advanced privileges.
- 4. You can have automated backups performed when you need them, or manually create your own backup snapshot. You can use these backups to restore a database. The Amazon RDS restore process works reliably and efficiently.
- 5. You can get high availability with a primary instance and a synchronous secondary instance that you can fail over to when problems occur. You can also use MySQL, MariaDB, or PostgreSQL Read Replicas to increase read scaling.
- 6. You can use the database products you are already familiar with: MySQL, MariaDB, PostgreSQL, Oracle, Microsoft SQL Server.
- 7. Each DB instance runs a DB engine. Amazon RDS currently supports the MySQL, MariaDB, PostgreSQL, Oracle, and Microsoft SQL Server DB engines. Each DB engine has its own supported features, and each version of a DB engine may include specific features. Additionally, each DB engine has a set of parameters in a DB parameter group that control the behavior of the databases that it manages.





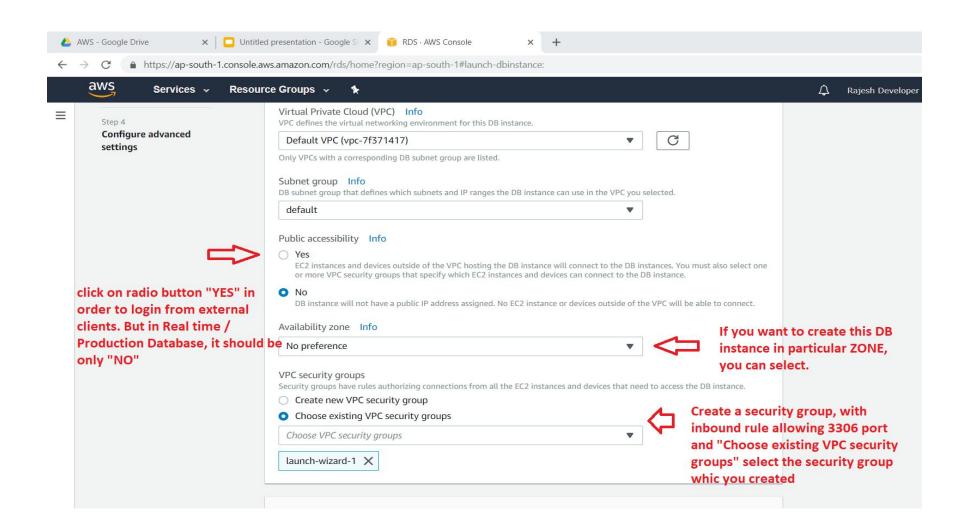


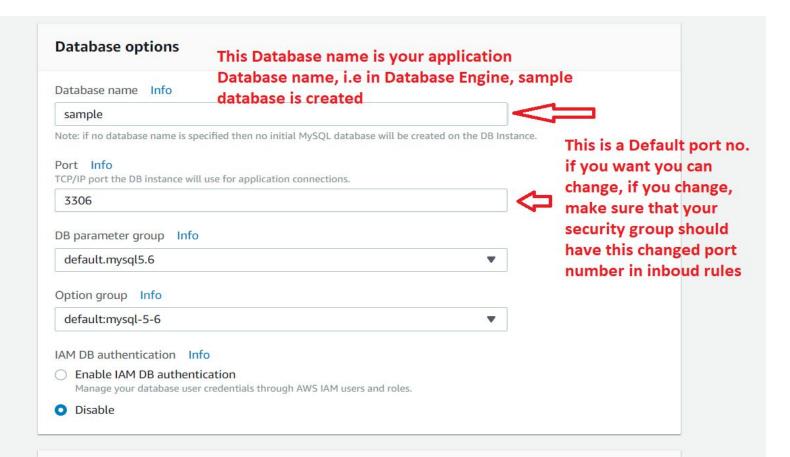




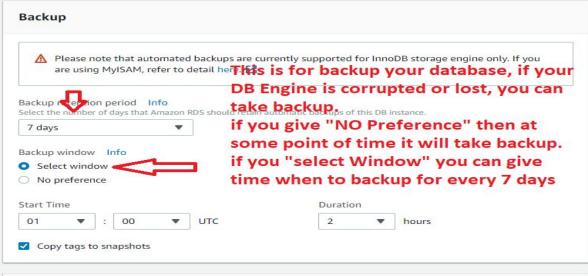
Allocated storage 20 GiB Memory allocated for storage (Minimum: 20 GiB, Maximum: 20 GiB) Higher allocated storage may improve IOPS performance.

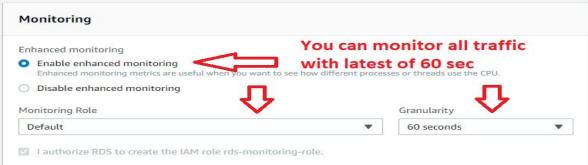


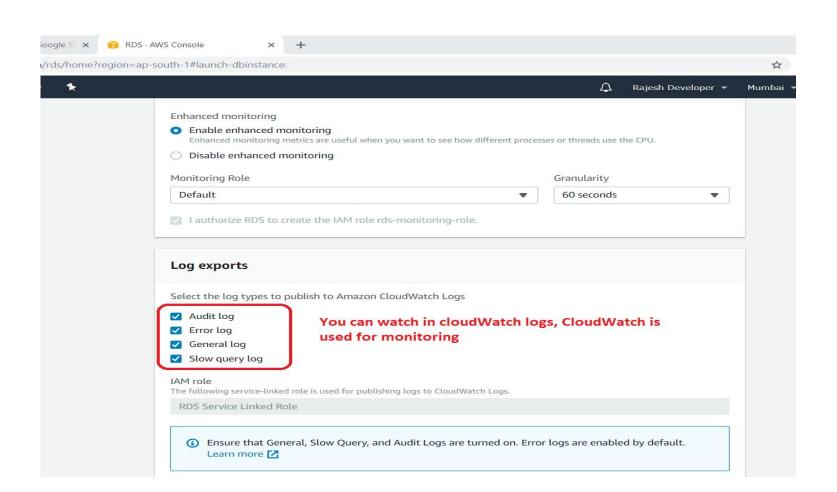


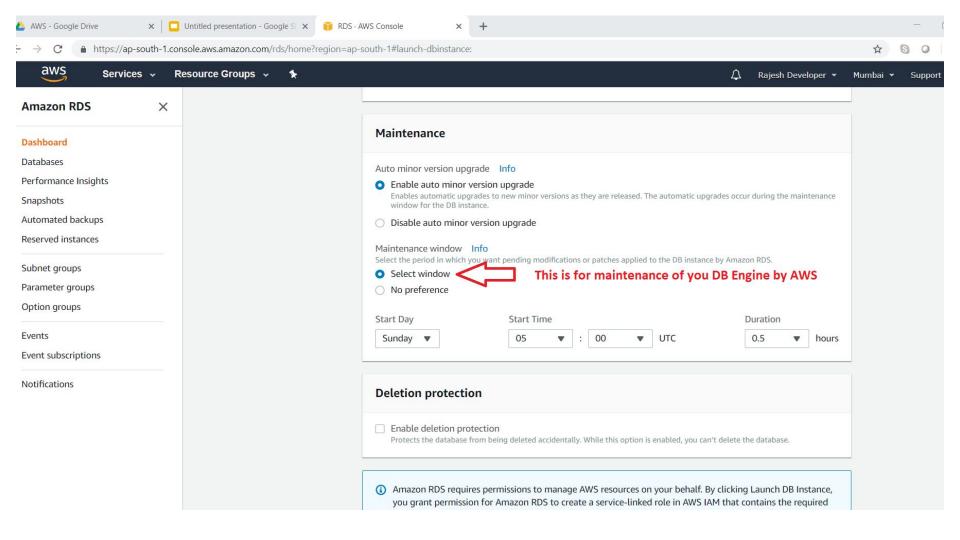


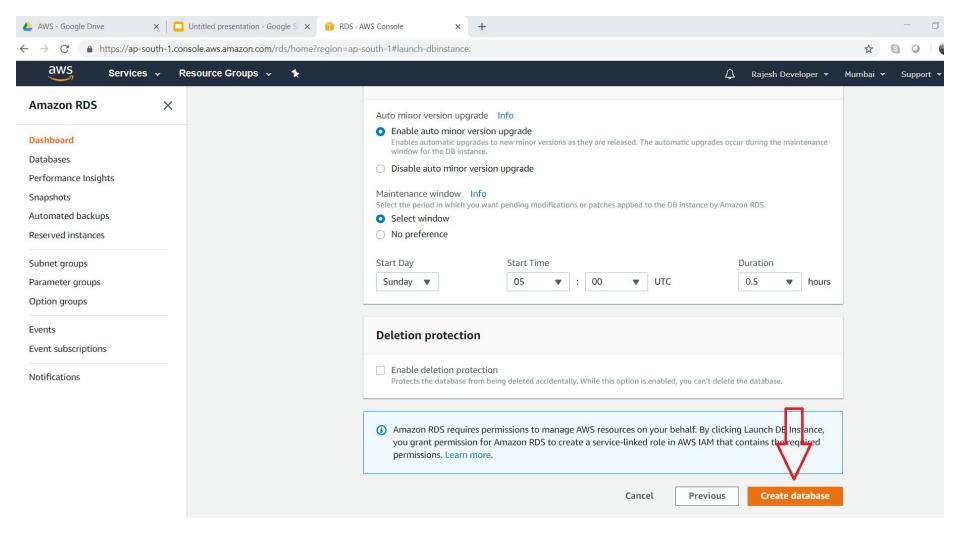
Encryption

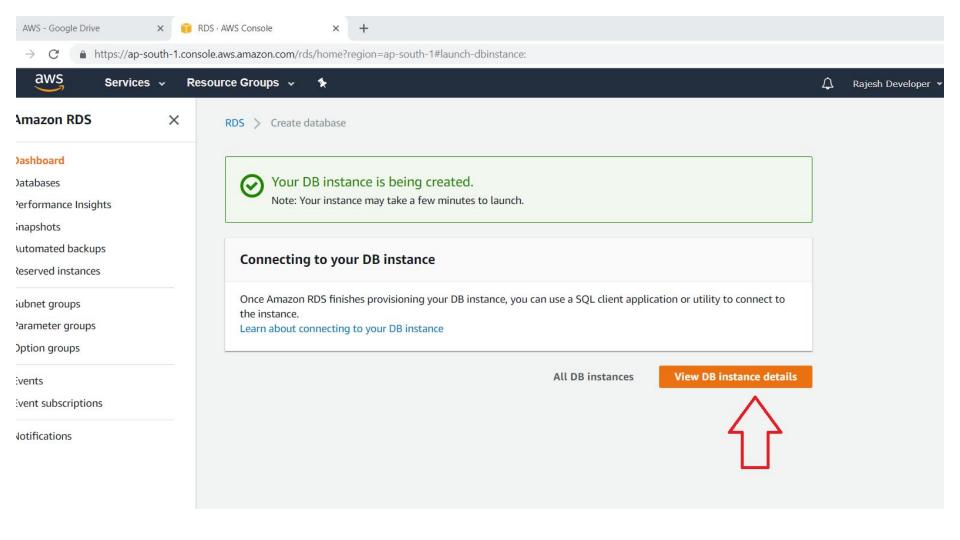


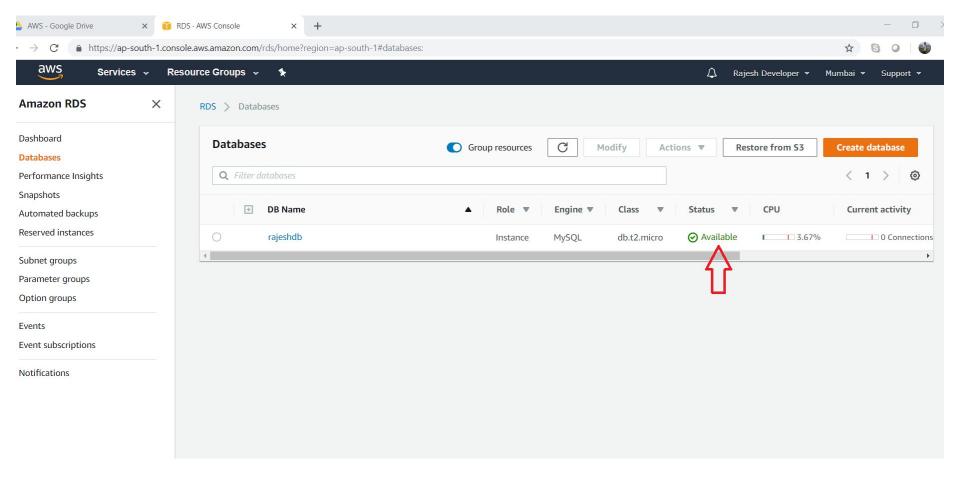














Monitoring

Logs & events

This is end point to

connect with DB

Configuration

Maintenance & backups

Tags



Endpoint & port

Endpoint

rajeshdb. cqv is hafnarr. ap-south-1. rds. amazonaws. com

Port

3306



Port number

Networking

Availability zone

ap-south-1b In Which zone it is created

VPC

.

vpc-7f371417 **VPC**

Subnet group

default

Subnets

subnet-d340fe9f subnet-b22c64da

Security

VPC security groups

launch-wizard-1 (sg-0d987cb0b29902ebe)

(active)

Security Group

Public accessibility

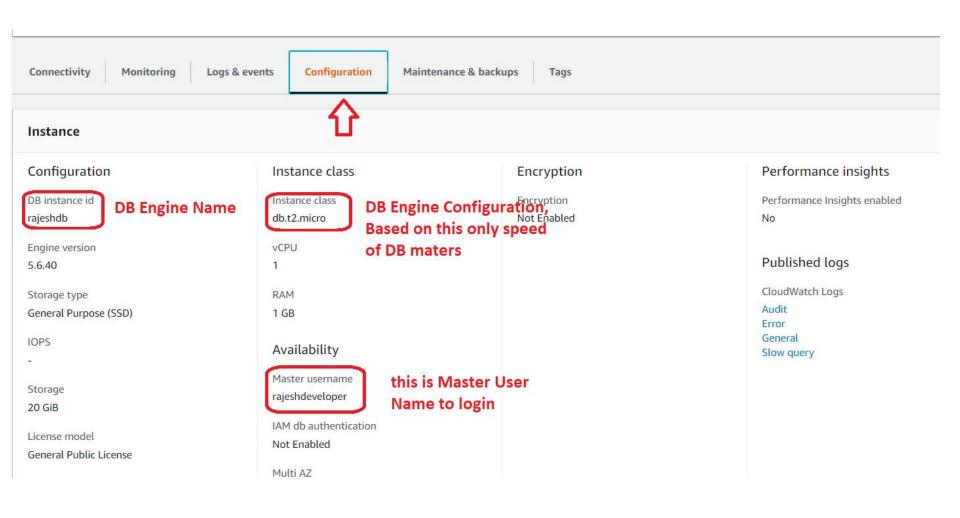
No

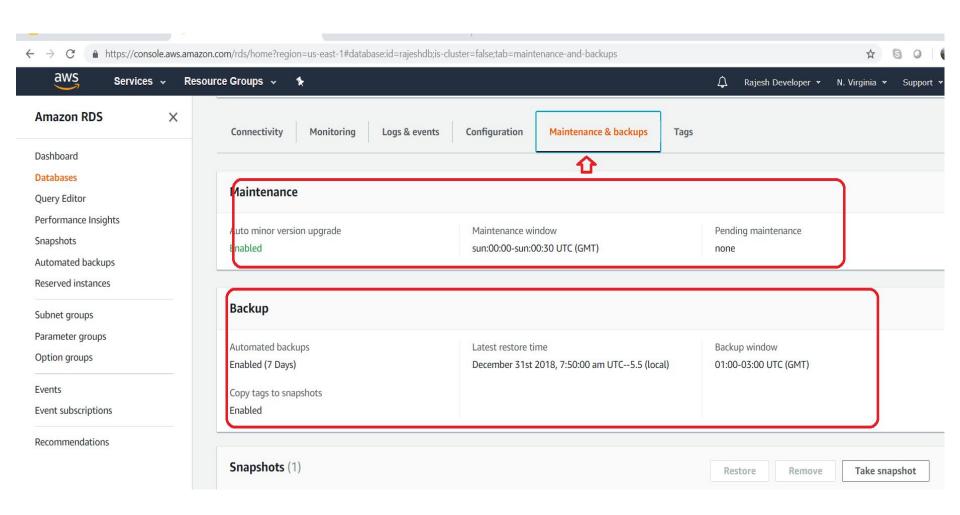
Certificate authority

rds-ca-2015

Certificate authority date

Mar 6th, 2020





Create an EC2 Instance (Ubuntu) if not available #sudo su root #apt-get udate #apt-get install mysql-client-core-5.6

Below is to connect with Database

```
Syntax:

#mysql -u <DB user name> -h <endpoint> -p
EX:

#mysql -u rajesh -h rajesh.....amazonaws.com -p
Enter password : *******
```