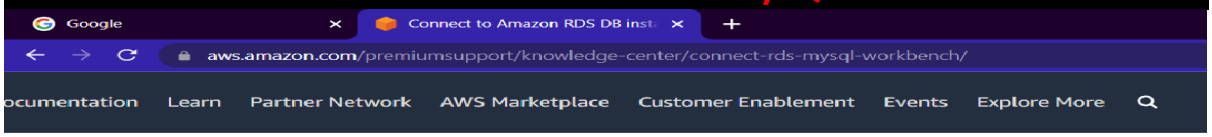
(RELATIONAL DATABASE SERVICES (RDS)

RDS CONFIGURE

Download workbench MySQL



How do I connect to my Amazon RDS DB instance that's running MySQL using MySC Workbench?

Last updated: 2020-12-08

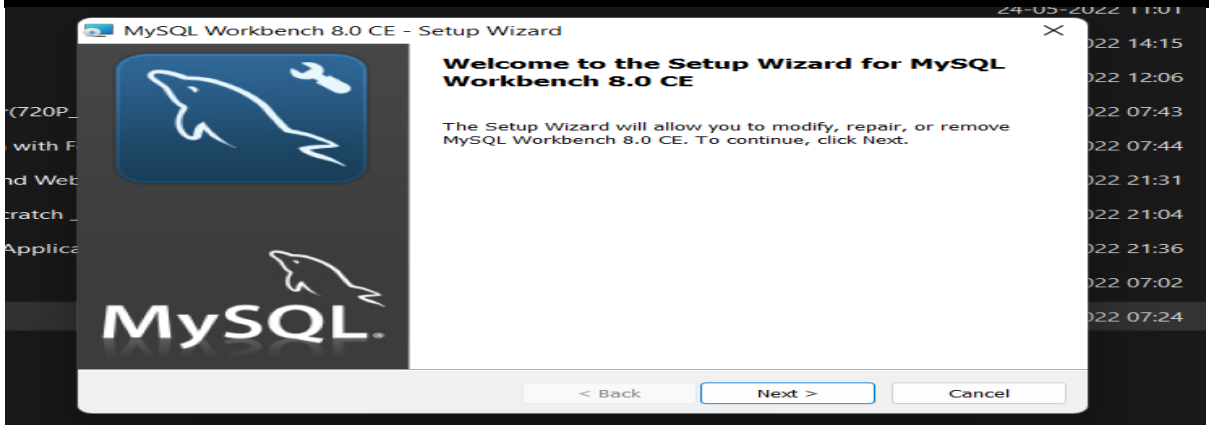
How do I connect to my Amazon Relational Database Service (Amazon RDS) DB instance that's running MySQL by using I Workbench?

Resolution

Follow the steps below to connect MySQL Workbench to your Amazon RDS DB instance:

1. Download and install MySQL Workbench.
2. Open MySQL Workbench, and choose the ⊕ sign beside MySQL Connections to set up a new connection.
3. In the **Setup New Connection** dialog box, enter a suitable name for your connection.

Next to download



Main page

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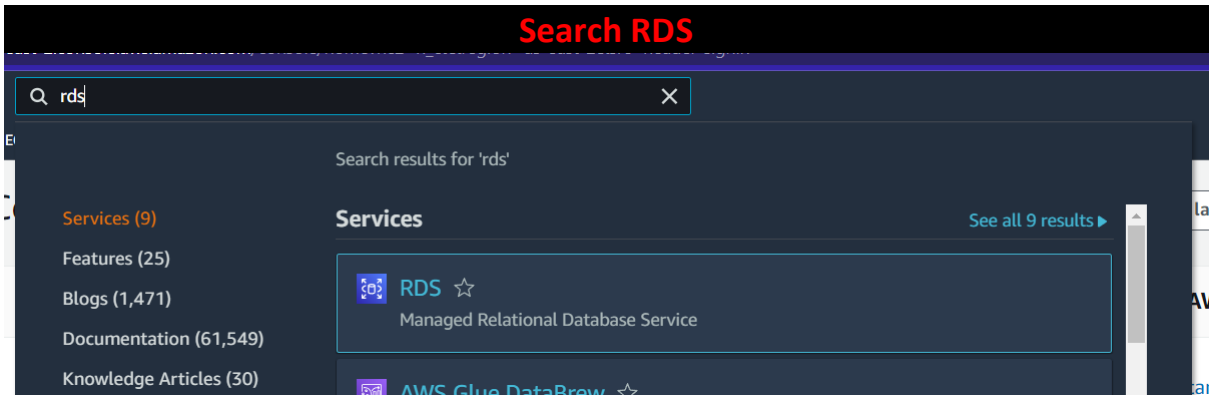
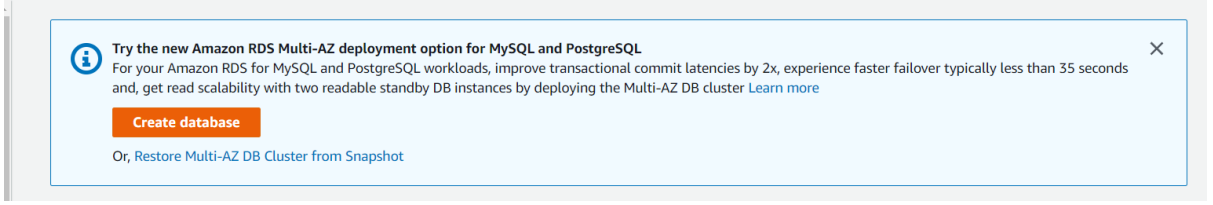
(RELATIONAL DATABASE SERVICES (RDS)

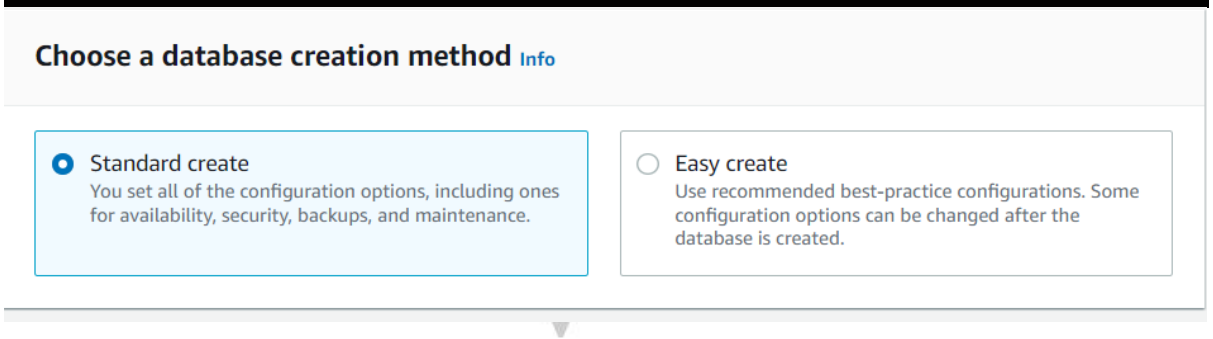
Search RDS



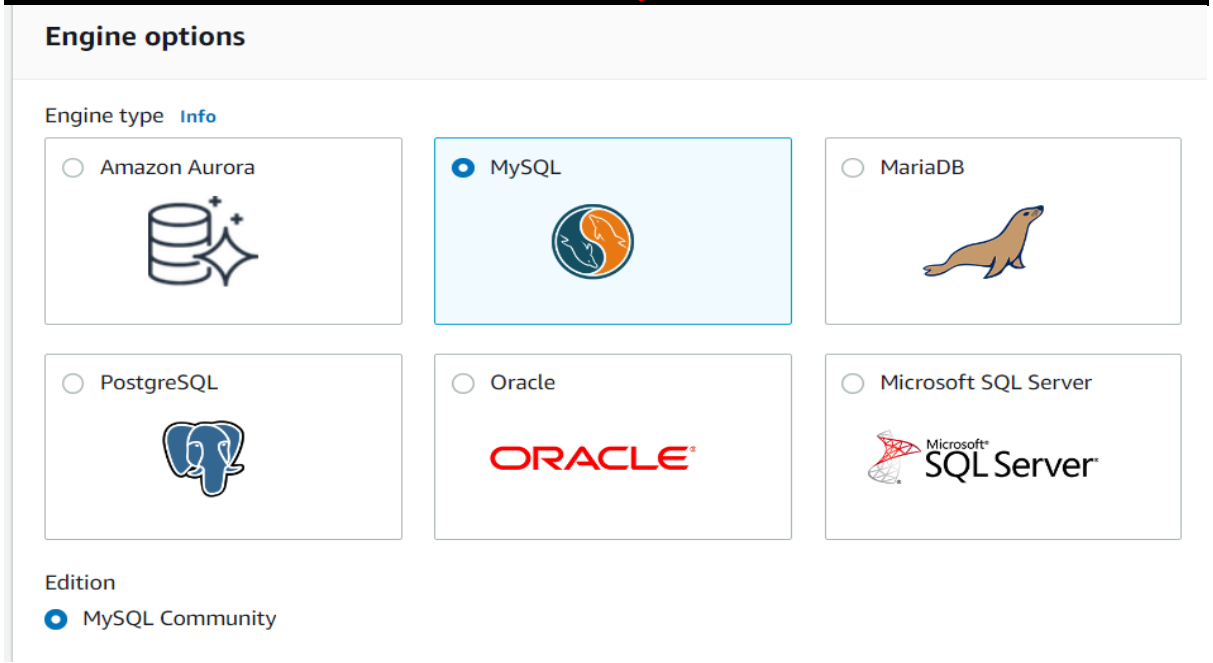
Click to create database



Select standard

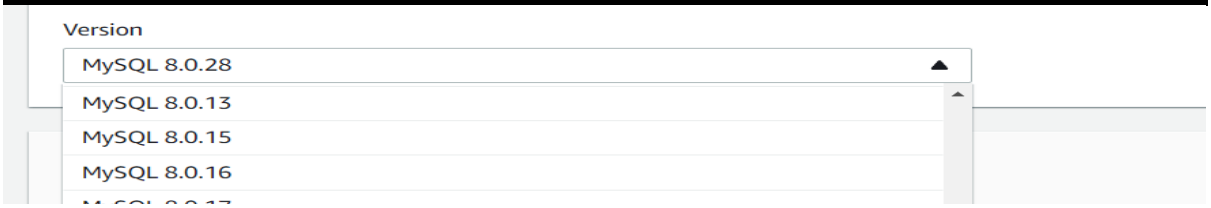


Select MySQL

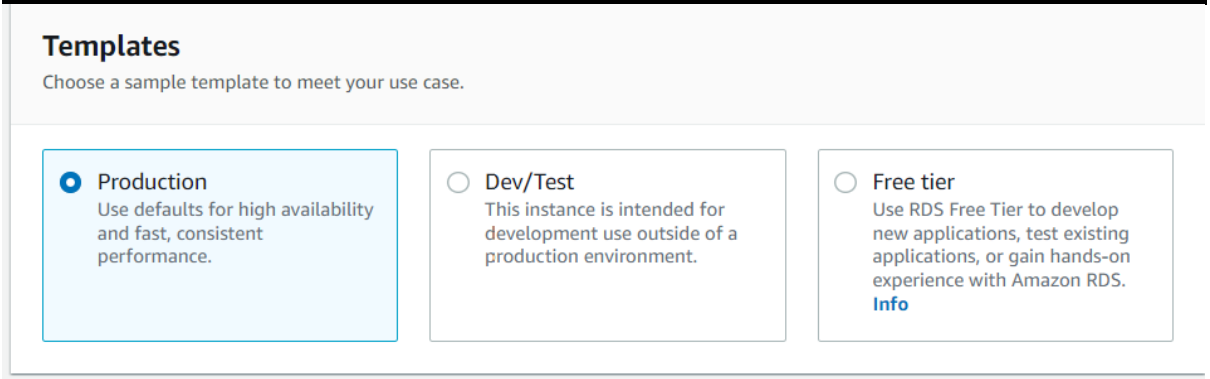


(RELATIONAL DATABASE SERVICES (RDS)

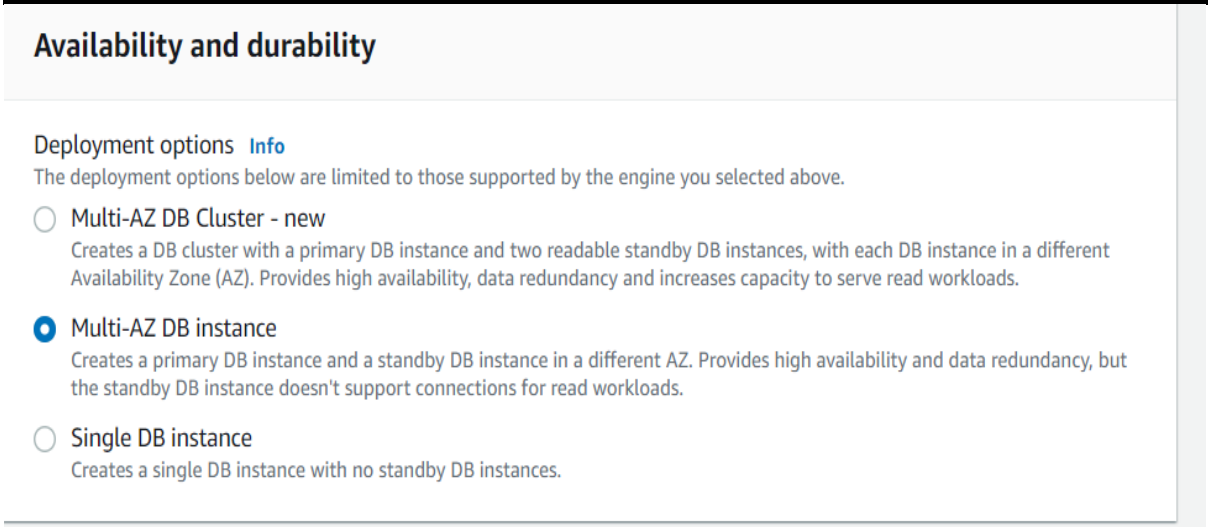
Select version



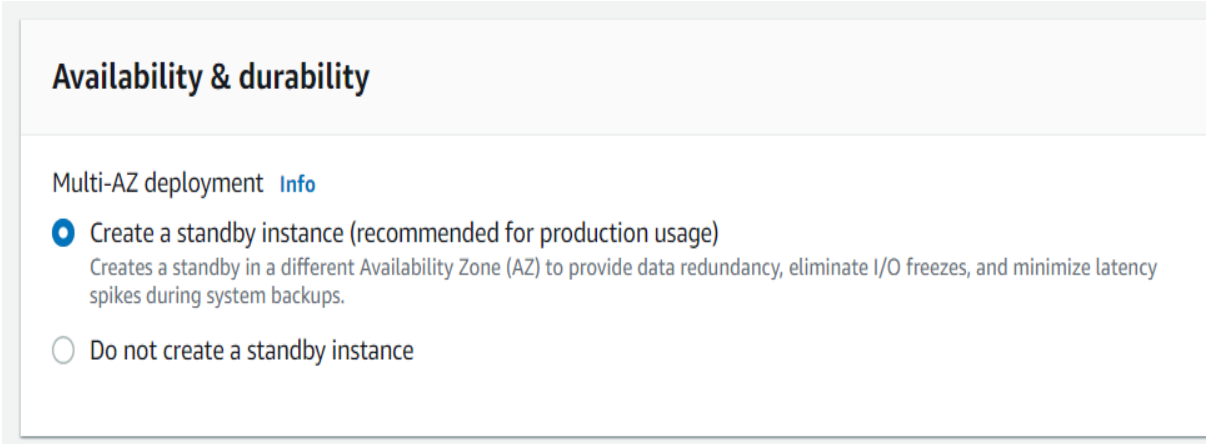
If you HA & FAILOVER select production



Select ZONE



Or



(RELATIONAL DATABASE SERVICES (RDS)

Enter name

Settings

DB cluster identifier Info

Type a name for your DB cluster. The name must be unique across all DB clusters owned by your AWS account in the current AWS Region.

VIVEKDATA

The DB cluster identifier is case-insensitive, but is stored as all lowercase (as in "mydbcluster"). Constraints: 1 to 60 alphanumeric characters or hyphens. First character must be a letter. Can't contain two consecutive hyphens. Can't end with a hyphen.

Create user name & Password (Admin123)

▼ Credentials Settings

Master username Info

Type a login ID for the master user of your DB cluster.

admin

1 to 16 alphanumeric characters. First character must be a letter.

☐ Auto generate a password

Amazon RDS can generate a password for you, or you can specify your own password.

Master password Info

••••••••

Constraints: At least 8 printable ASCII characters. Can't contain any of the following: / (slash), '(single quote), "(double quote) and @ (at sign).

Confirm password Info

••••••••

Instance select

Instance configuration

The DB instance configuration options below are limited to those supported by the engine that you selected above.

DB instance class Info

○ Standard classes (includes m classes)

○ Memory optimized classes (includes r and x classes)

◉ Burstable classes (includes t classes)

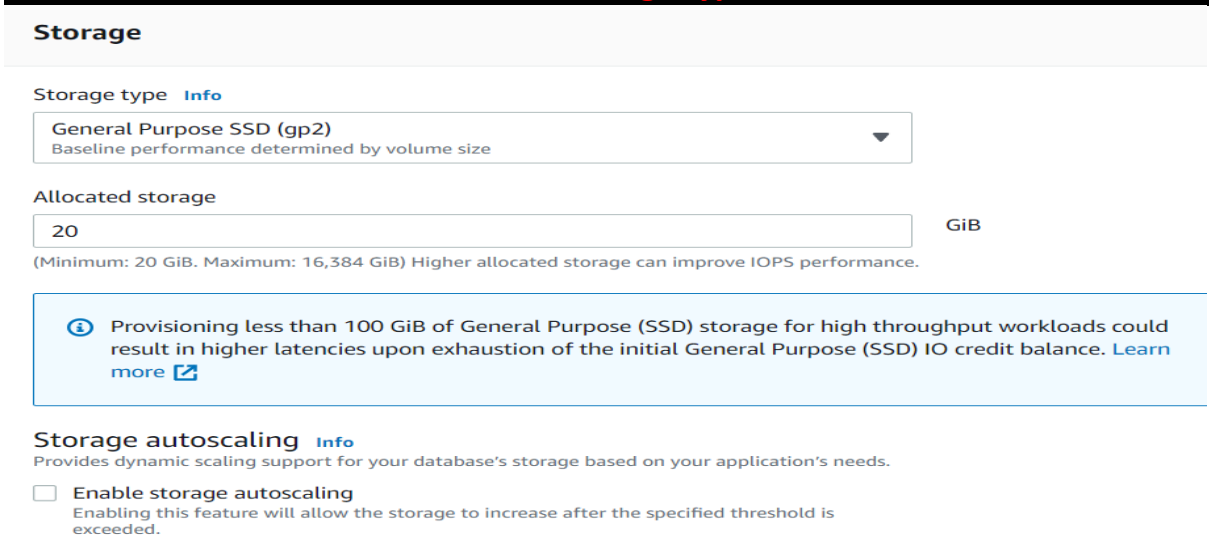
db.t2.micro ▼

1 vCPUs 1 GiB RAM Not EBS Optimized

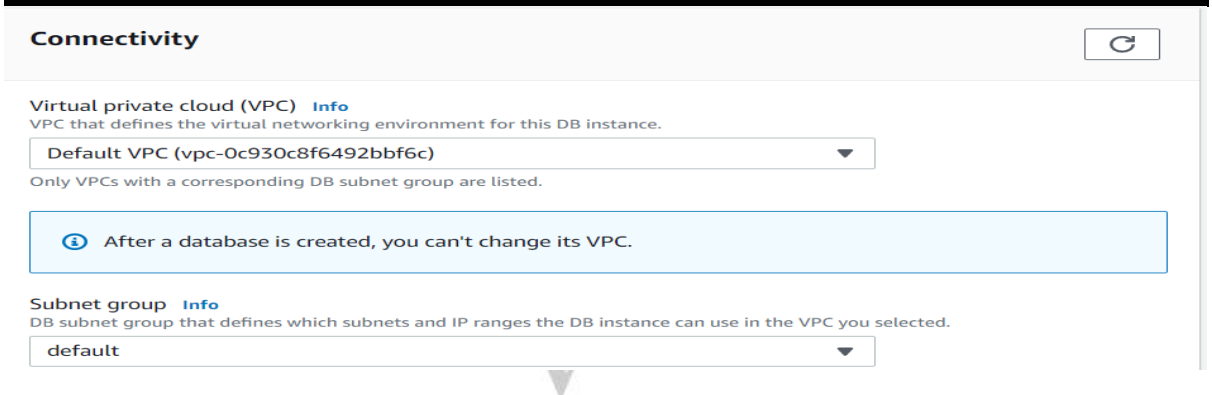
◉ Include previous generation classes

(RELATIONAL DATABASE SERVICES (RDS)

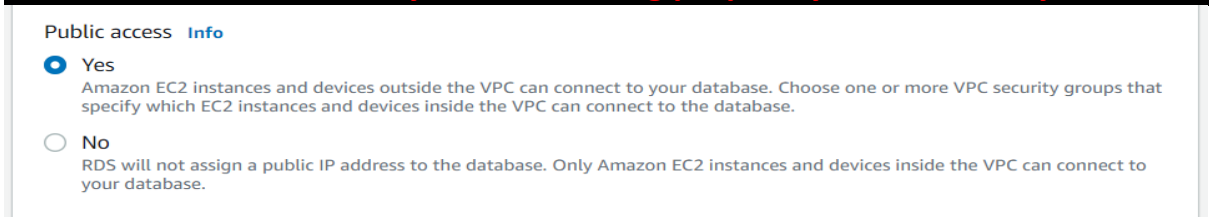
Select storage type



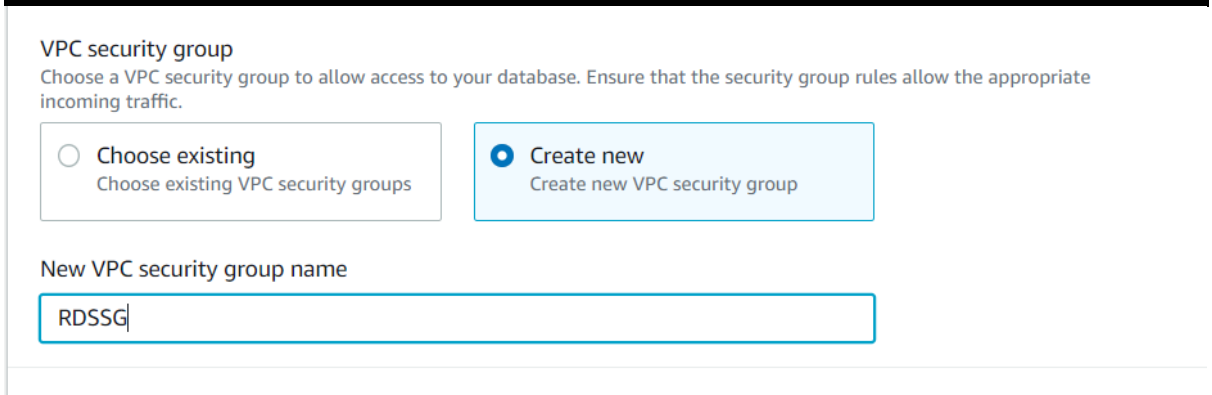
Select VPC



Public access always no but testing purpose you can select yes



Select SG



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Select Authentication

Database port Info
TCP/IP port that the database will use for application connections.

3306

Database authentication

Database authentication options Info

- (•) Password authentication
  Authenticates using database passwords.
- ( ) Password and IAM database authentication
  Authenticates using the database password and user credentials through AWS IAM users and roles.
- ( ) Password and Kerberos authentication
  Choose a directory in which you want to allow authorized users to authenticate with this DB instance using Kerberos Authentication.

Check configuration

Database options

Initial database name Info

vivekdb

If you do not specify a database name, Amazon RDS does not create a database.

DB parameter group Info

default.mysql8.0

Option group Info

default:mysql-8-0

Backup

- [ ] Enable automated backups
  Creates a point-in-time snapshot of your database

Monitoring

- [x] Enable Enhanced monitoring
  Enabling Enhanced monitoring metrics are useful when you want to see how different processes or threads use the CPU.

Log exports

Select the log types to publish to Amazon CloudWatch Logs

- [ ] Audit log
- [ ] Error log
- [ ] General log
- [ ] Slow query log

IAM role

The following service-linked role is used for publishing logs to CloudWatch Logs.

RDS service-linked role

Ensure that general, slow query, and audit logs are turned on. Error logs are enabled by default. Learn more

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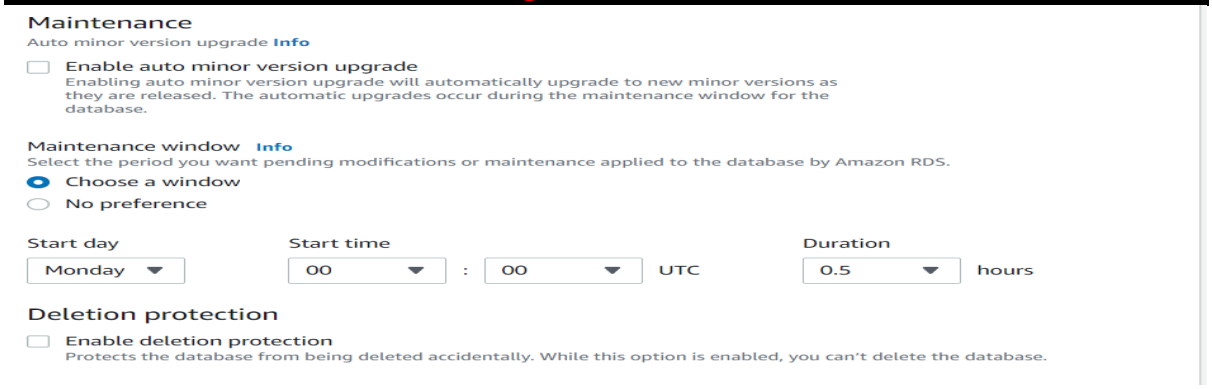
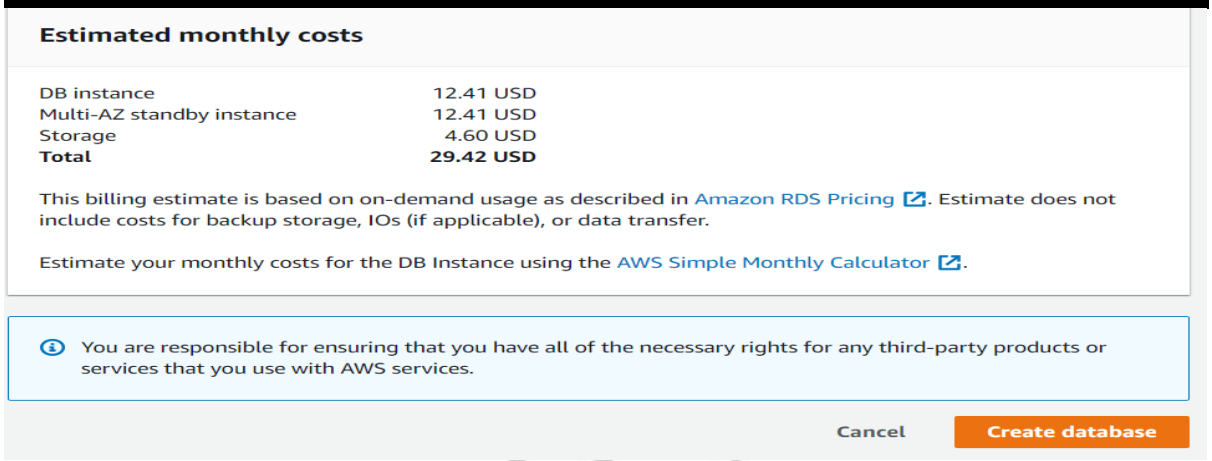
(RELATIONAL DATABASE SERVICES (RDS)

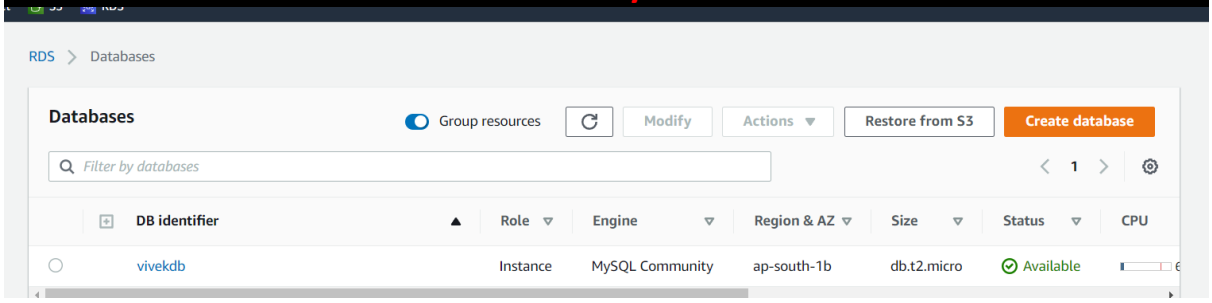
Check configuration Maintenance



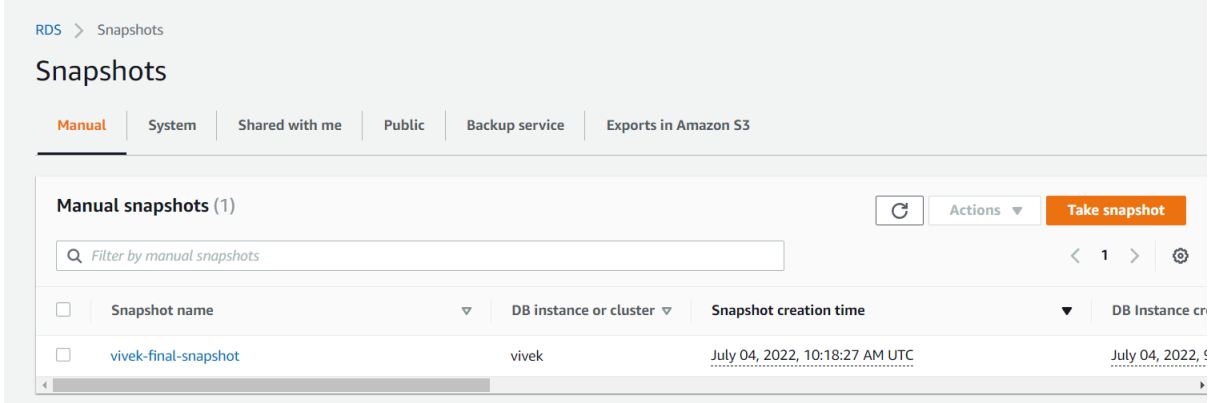
Check bill & create



Successfully create

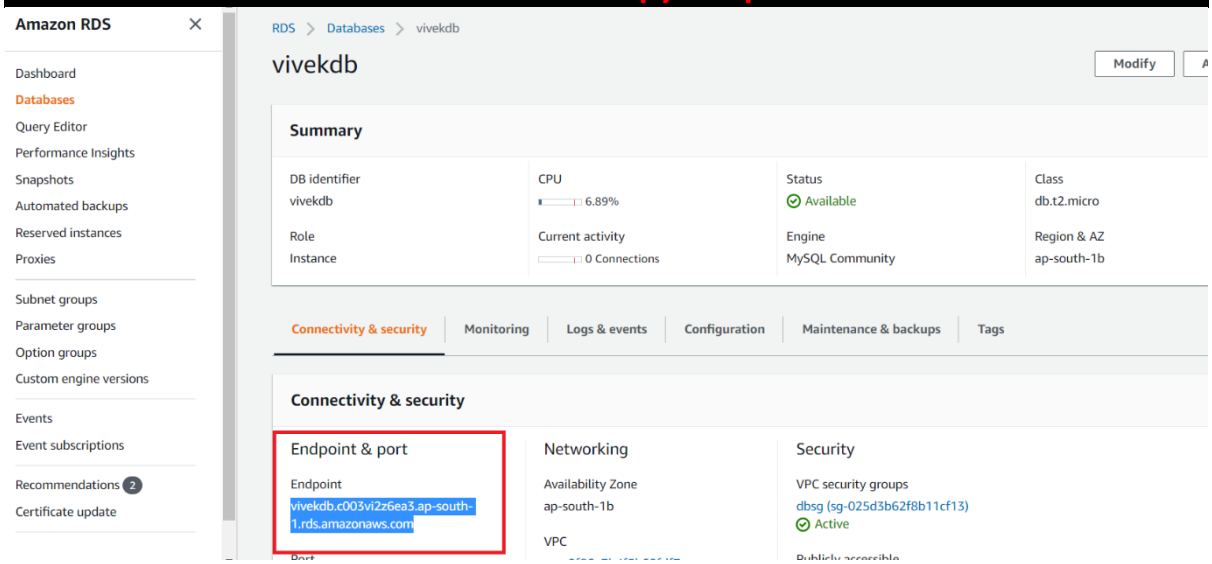


Auto create snap

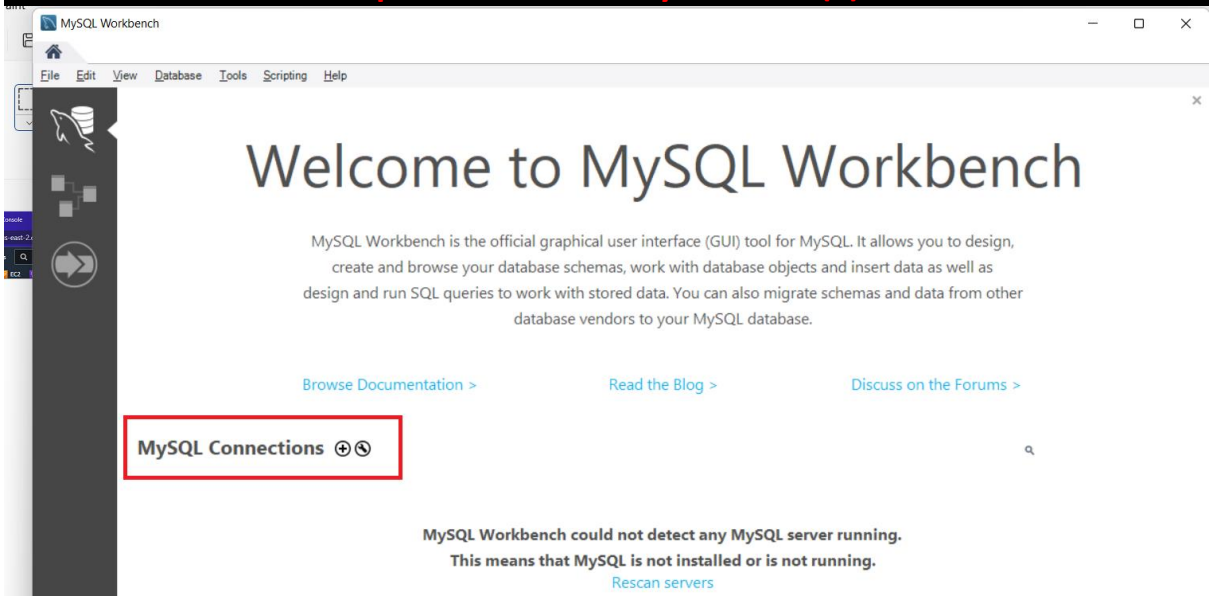


(RELATIONAL DATABASE SERVICES (RDS)

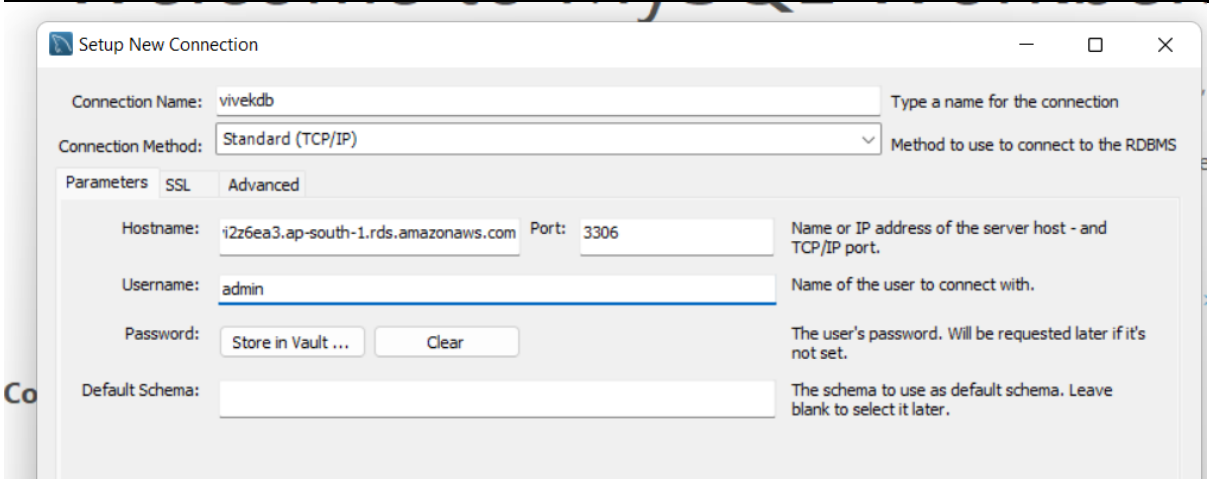
Select db and copy endpoint



Open workbench MySQL click (+)

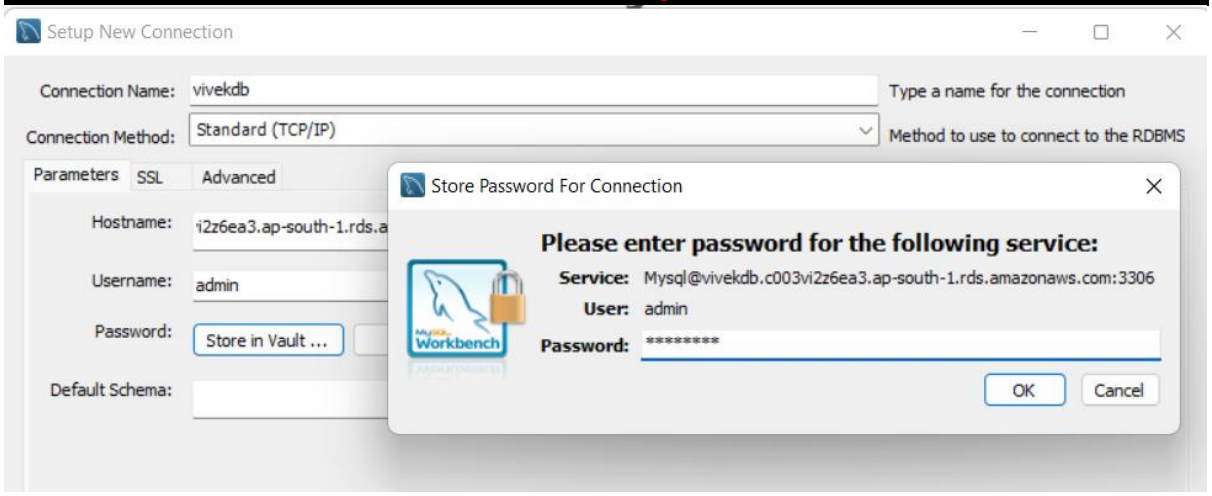


Copy here link endpoint

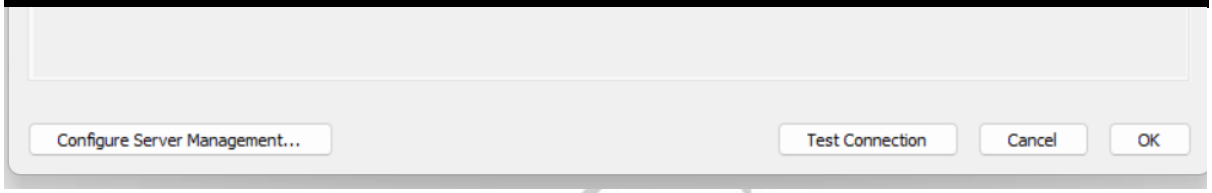


(RELATIONAL DATABASE SERVICES (RDS)

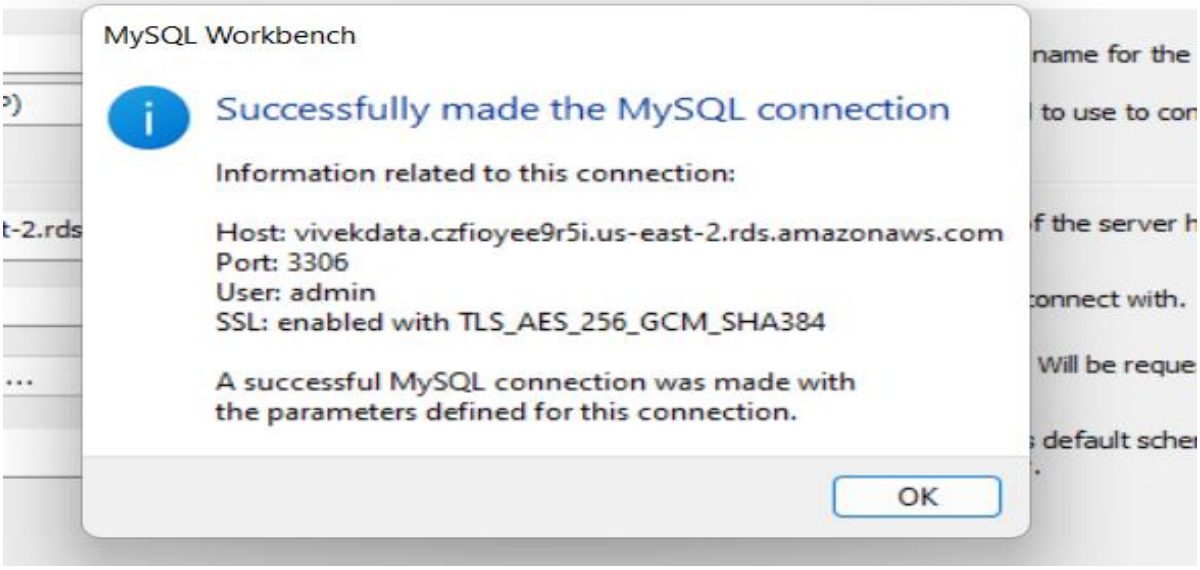
Enter username and open store vault



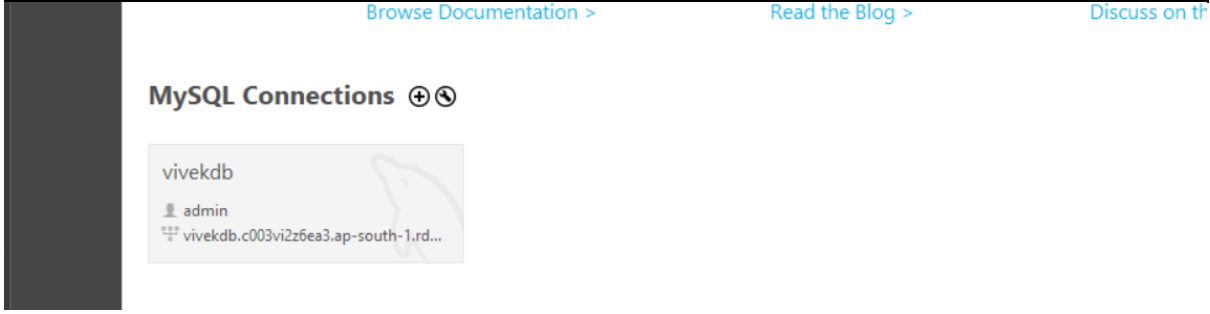
Click to test connection



If configuration all ok then test connection successfully



Successfully save



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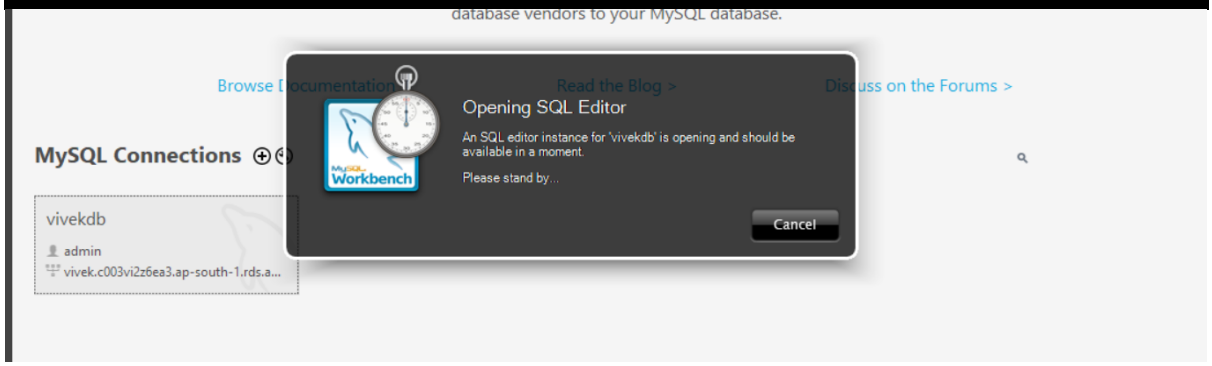
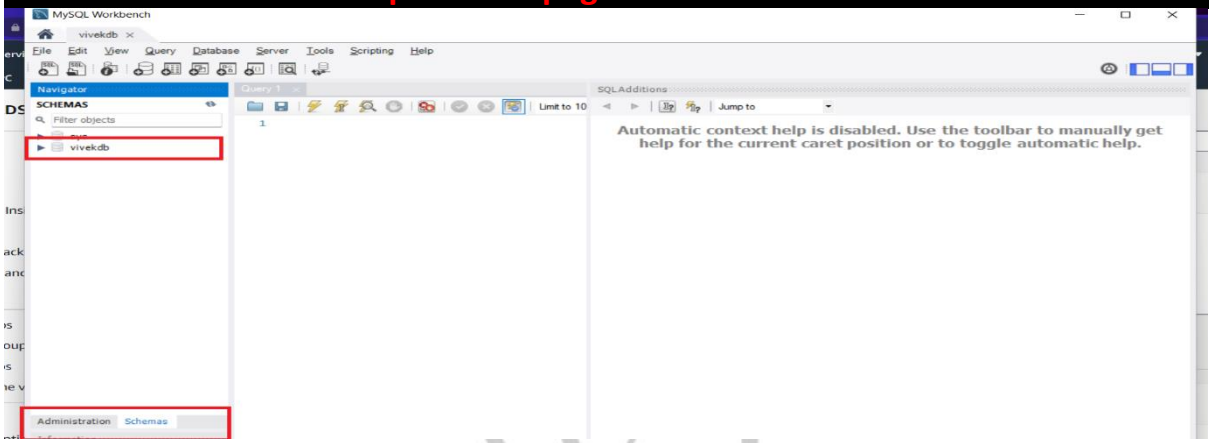
(RELATIONAL DATABASE SERVICES (RDS)

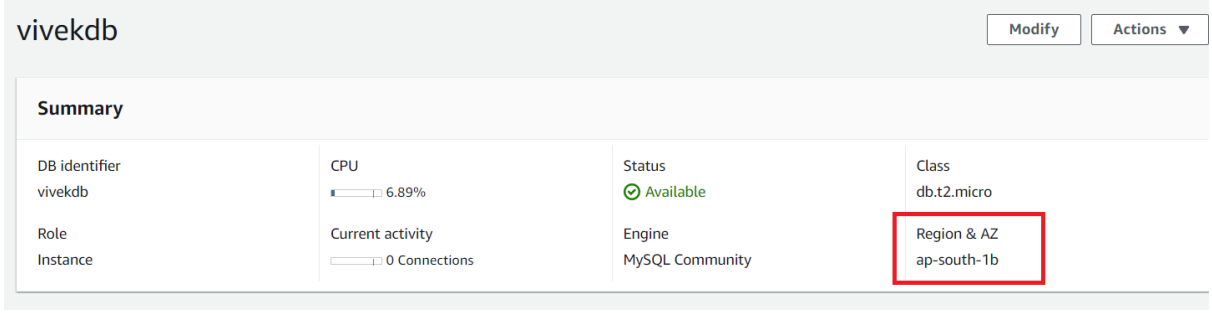
Click to database



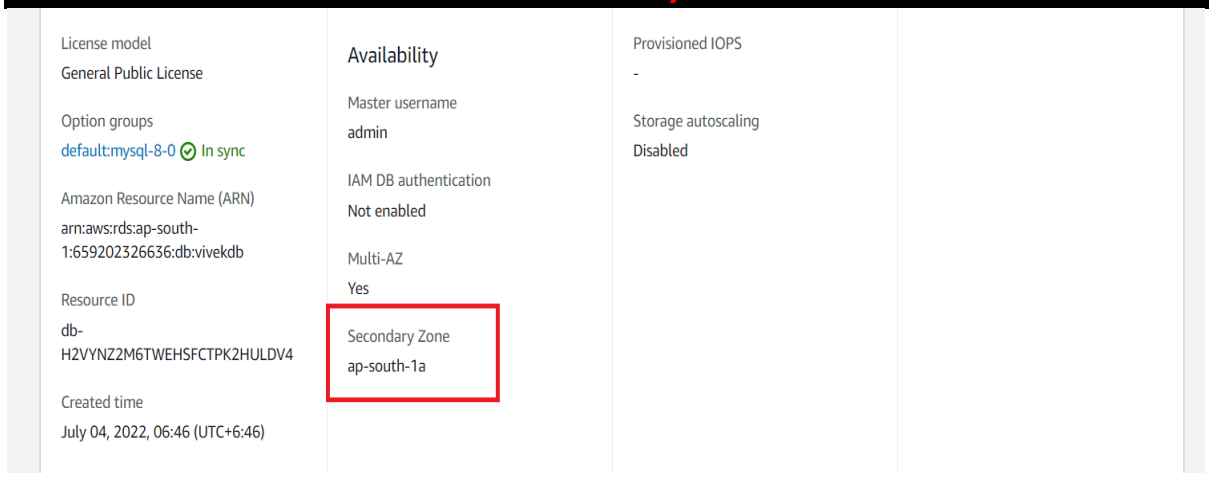
Open main page clicks schemas



See primary AZ

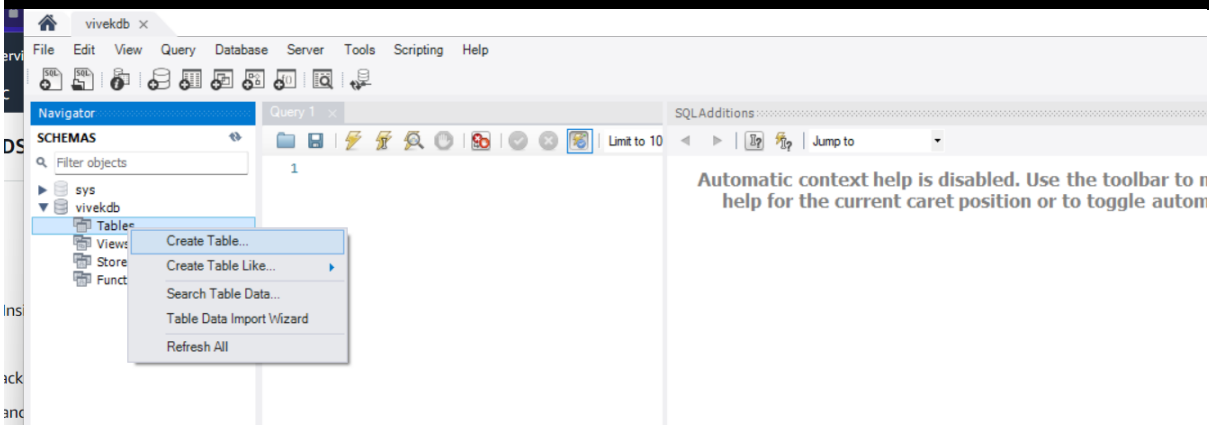


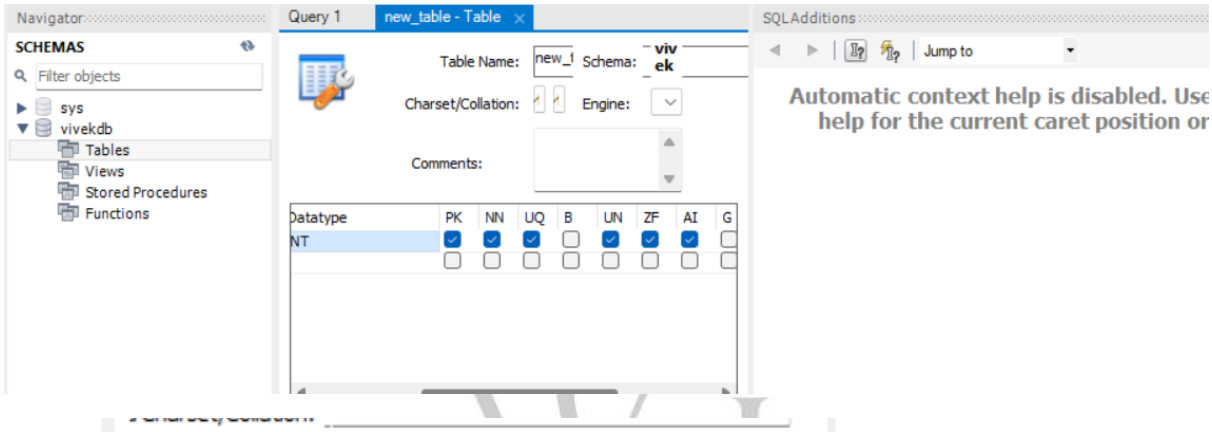
SEE scendory AZ

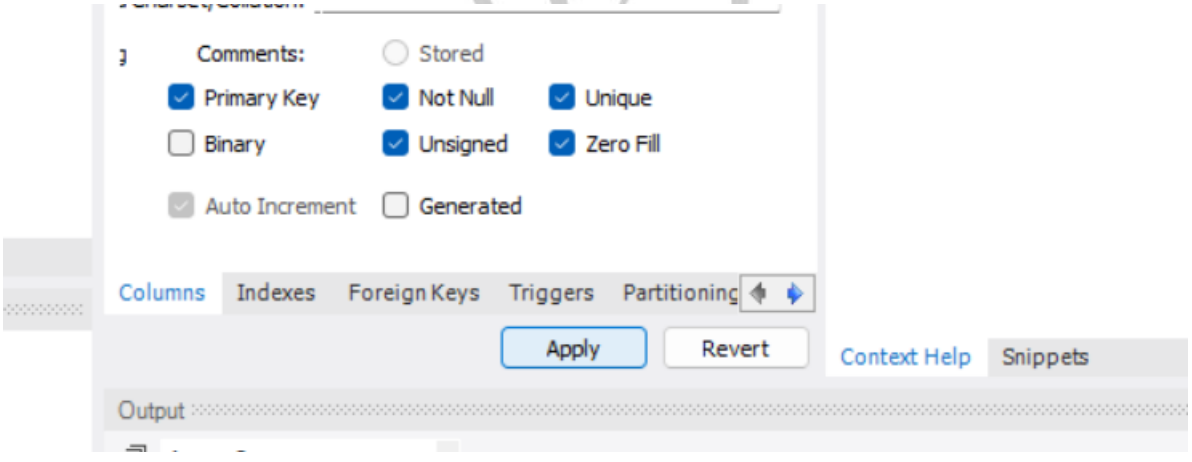


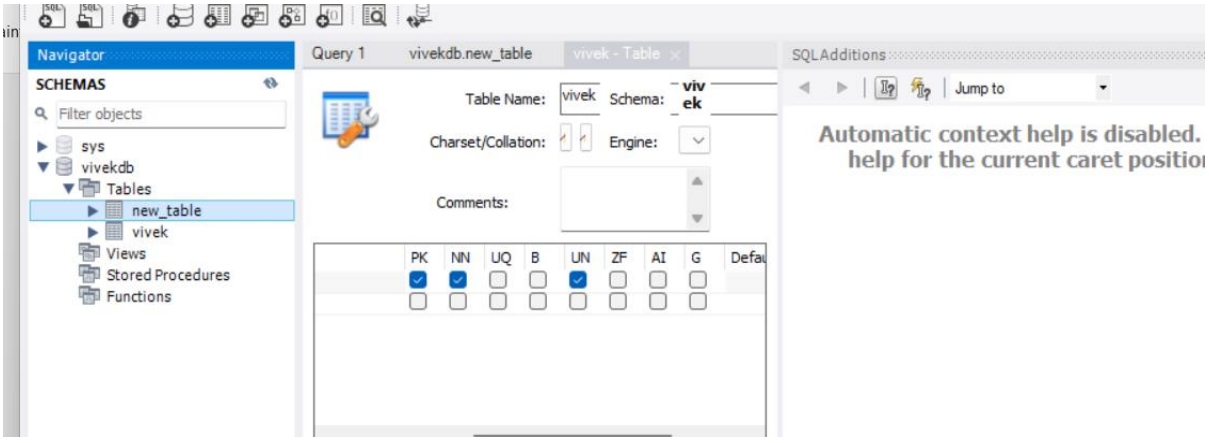
(RELATIONAL DATABASE SERVICES (RDS)

Create table



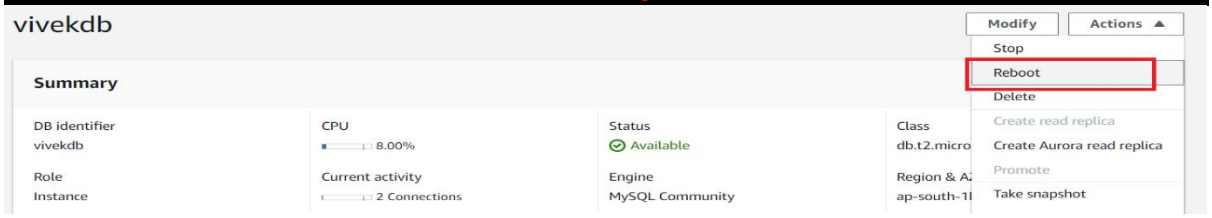




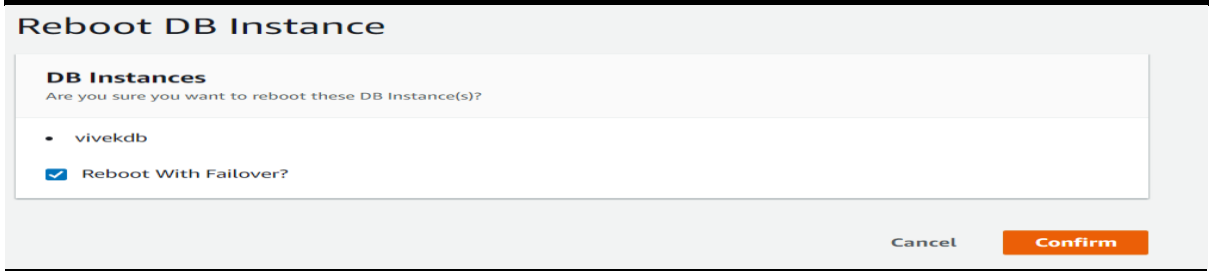


(RELATIONAL DATABASE SERVICES (RDS)

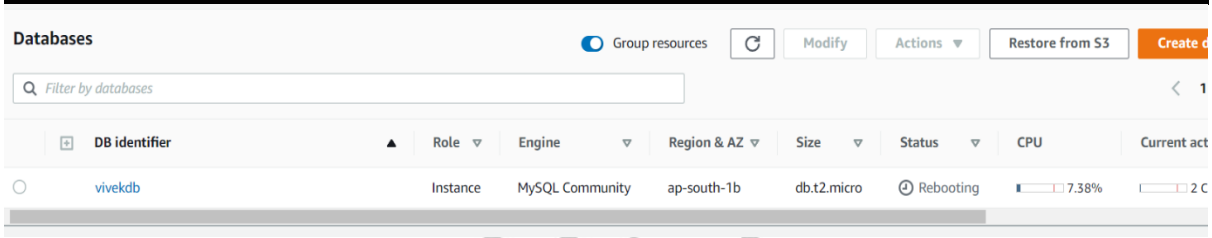
If reboot system



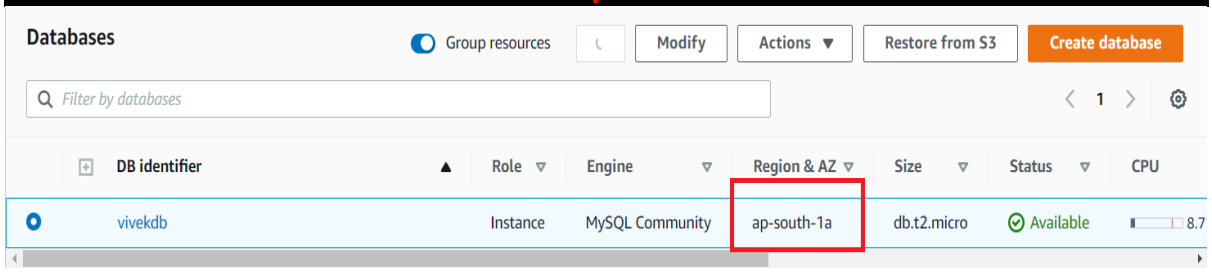
Check mark to failover data



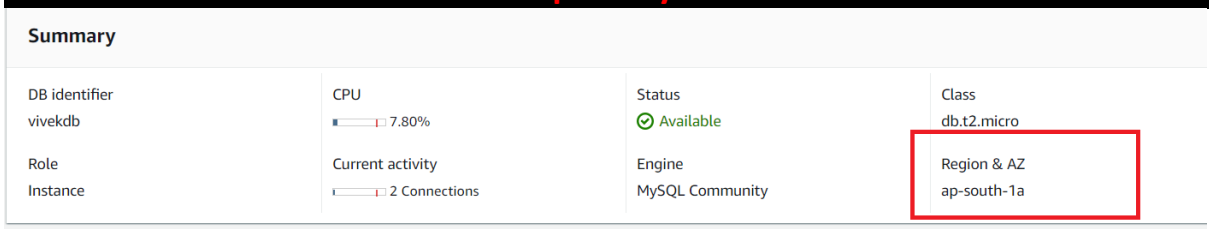
See reboot system



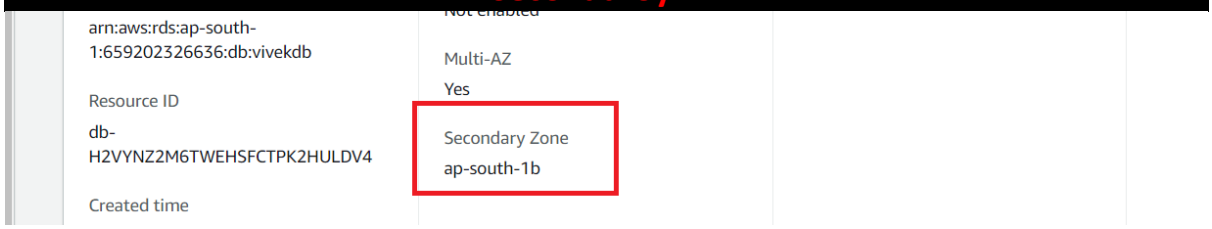
After reboot see failover system one AZ to Another AZ



See primary AZ

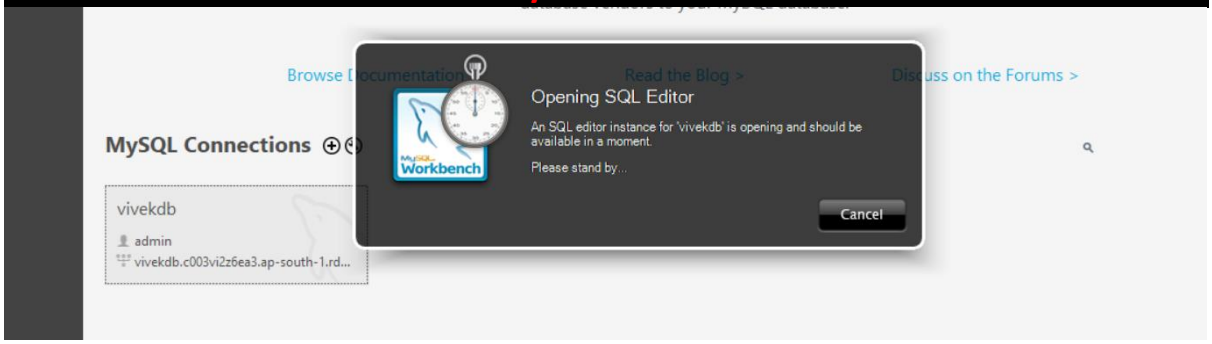


Seconadroy AZ

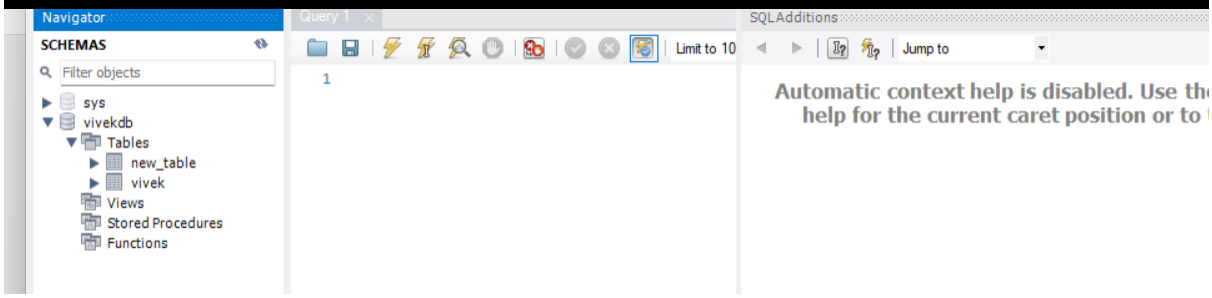


(RELATIONAL DATABASE SERVICES (RDS)

Try to connect



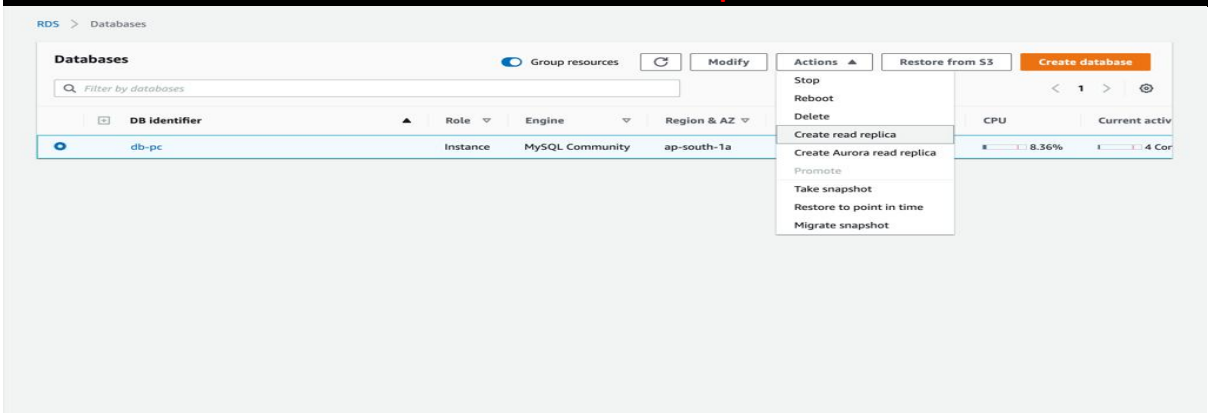
See all data is availabel after failover



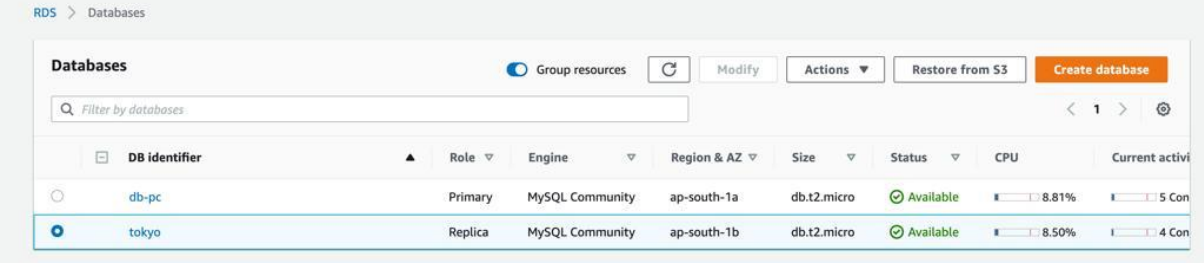
(RELATIONAL DATABASE SERVICES (RDS)

Create Read Replica

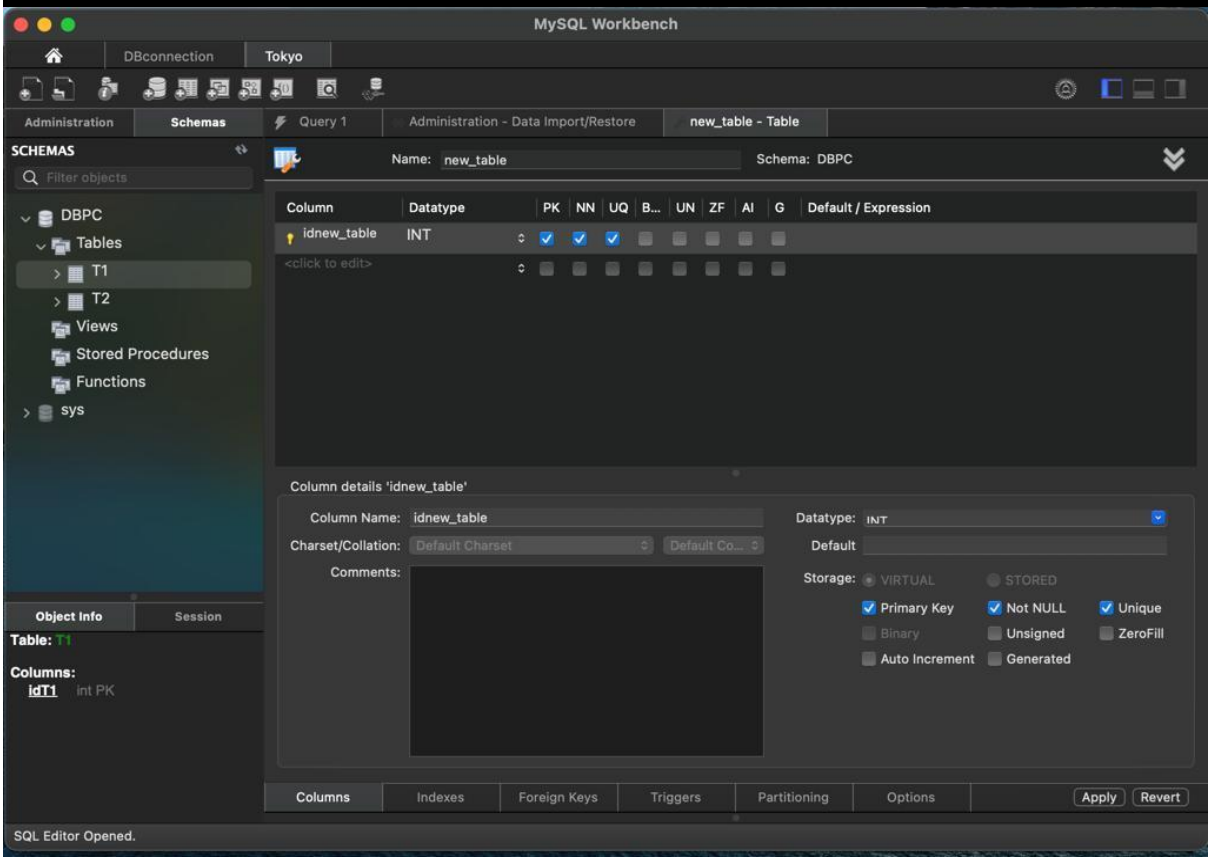
Click to create read replica



Create successfully



Create table



(RELATIONAL DATABASE SERVICES (RDS)

Automatic create table sysnce ok and not delete any tables only read permission