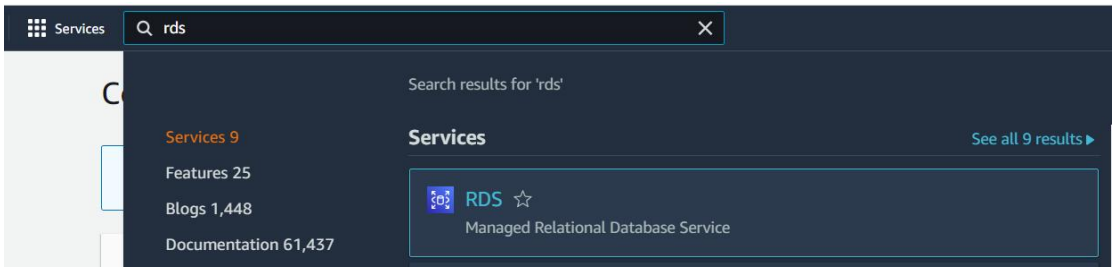
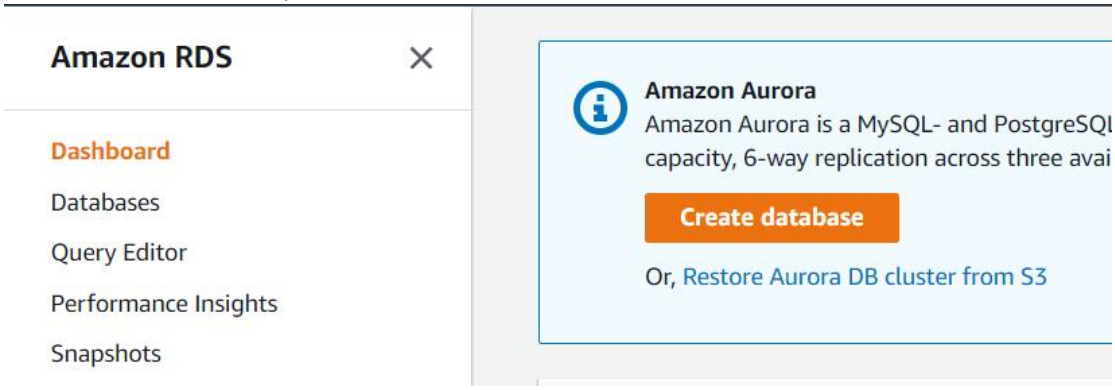
Create a MySQL Database Instance in RDS and connect it using MySQL Workbench

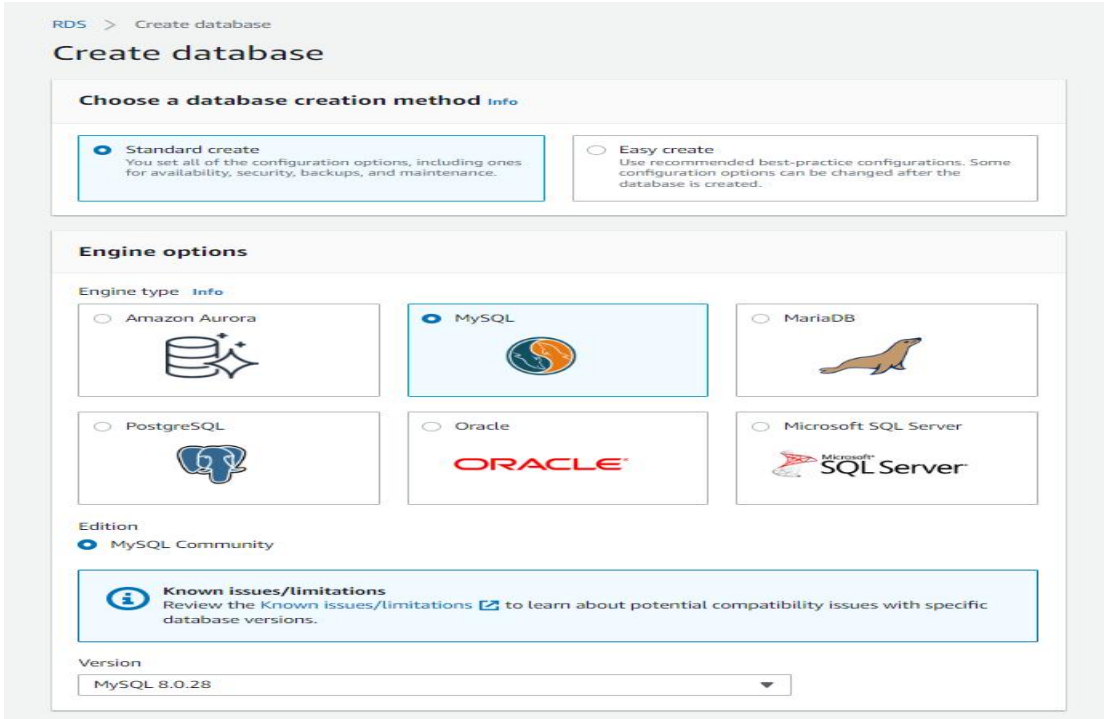
1. Login to the AWS console. In the search bar type RDS. In the search result click RDS to enter into RDS console.



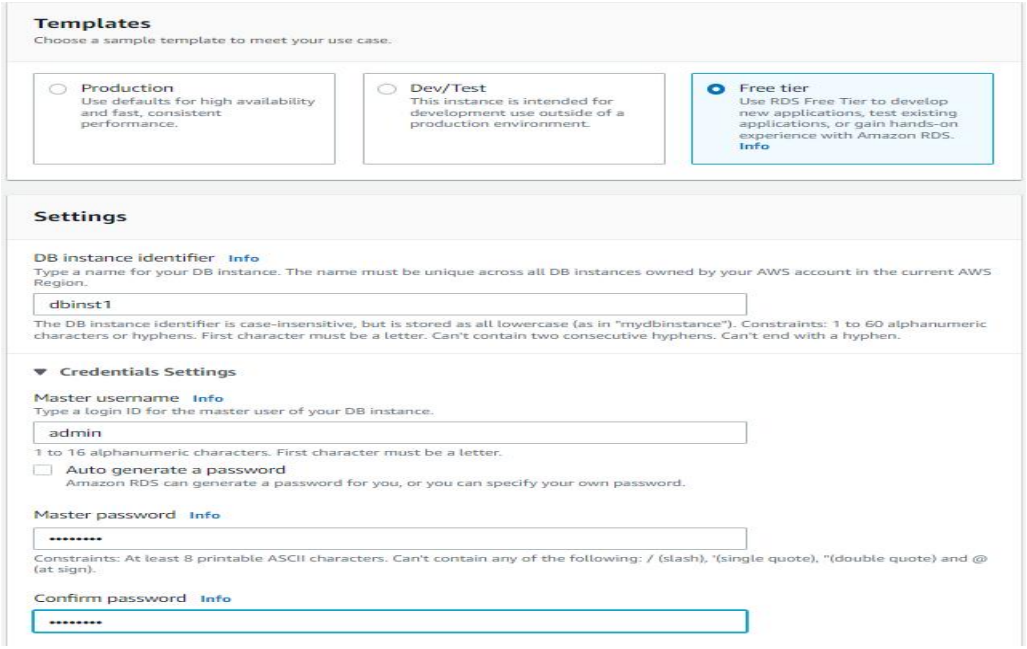
2. In the RDS console, click Create Database button.



3. On the create database page, Keep the standard create option. Then select MYSQL. Below in the version drop down list, you can select the required version of MySQL. Here we keep the default version as it is.



4. Scroll Below. In the template section make sure you select Free Tier.



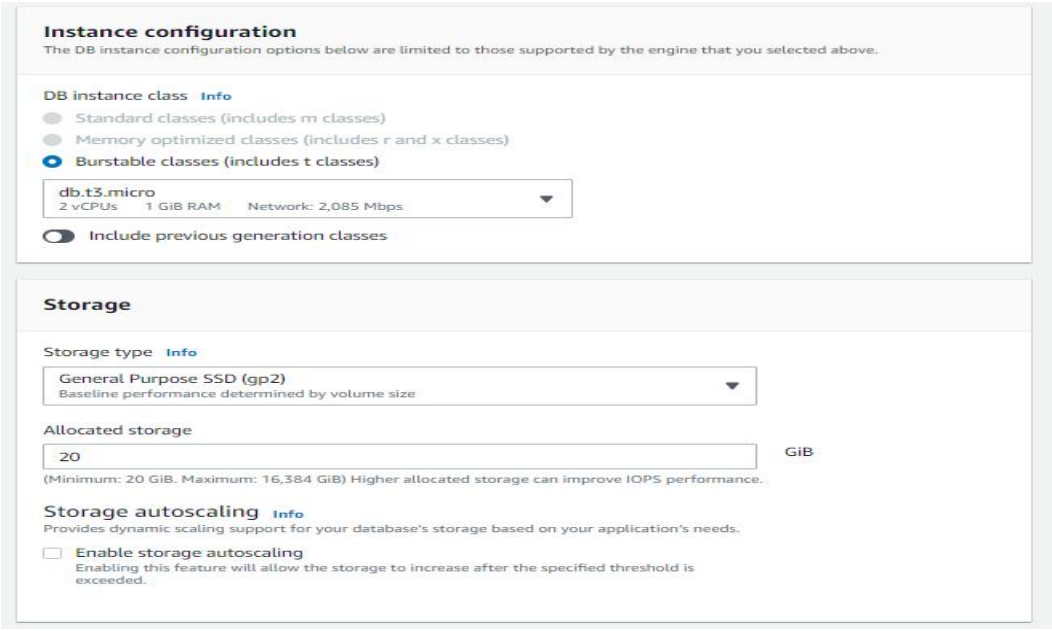
In the Settings, Provide a name for the database instance to be created or keep the default.

In Credential Settings you can change the Master username or keep the default as admin.

Similarly provide password for the master user. Read password requirements mentioned below the first password box and provide password according to the requirements.

Remember the username and password as it will be required to connect to the database from MySQL workbench.

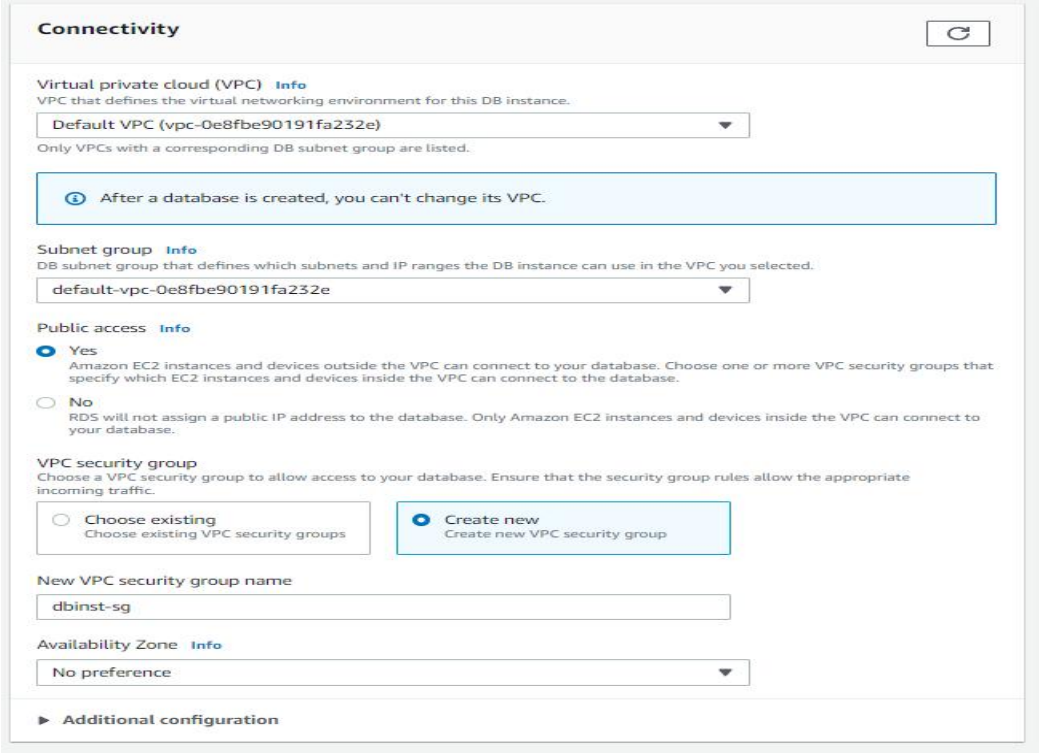
5. Scroll down. In the Instance section you can select the required capacity server. However as we are using Free tier keep default.



In the storage section keep everything as default.

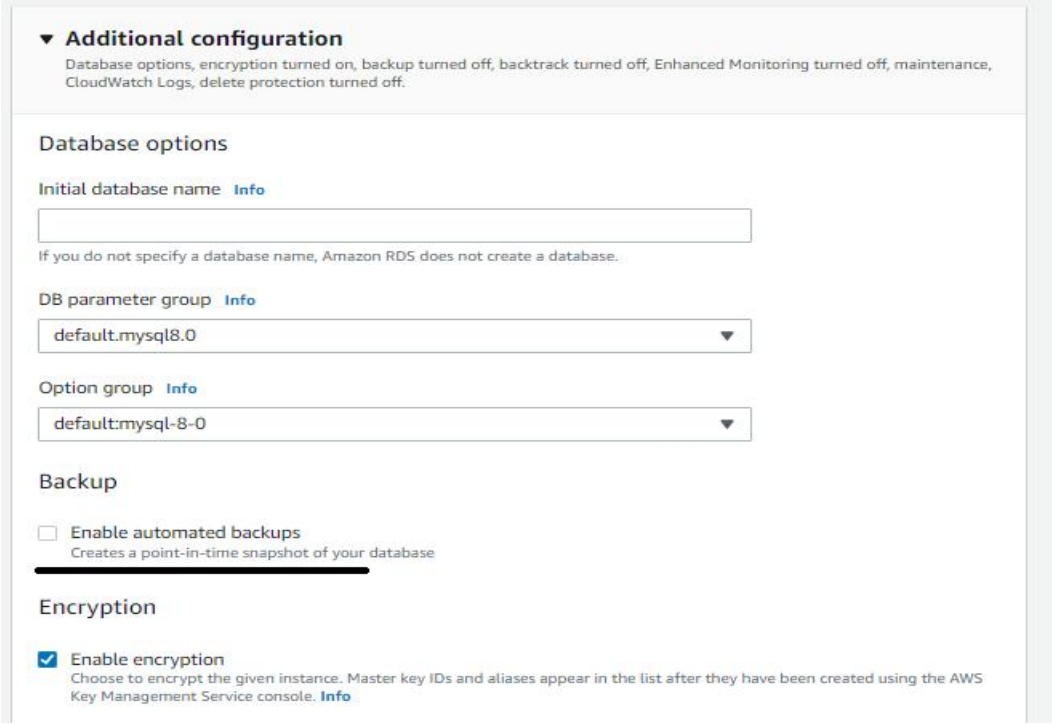
However **remove the check mark from Enable Storage autoscaling** .

6. Scroll down to the connectivity section. Keep all the settings to default. Change Public Access setting from No to Yes.

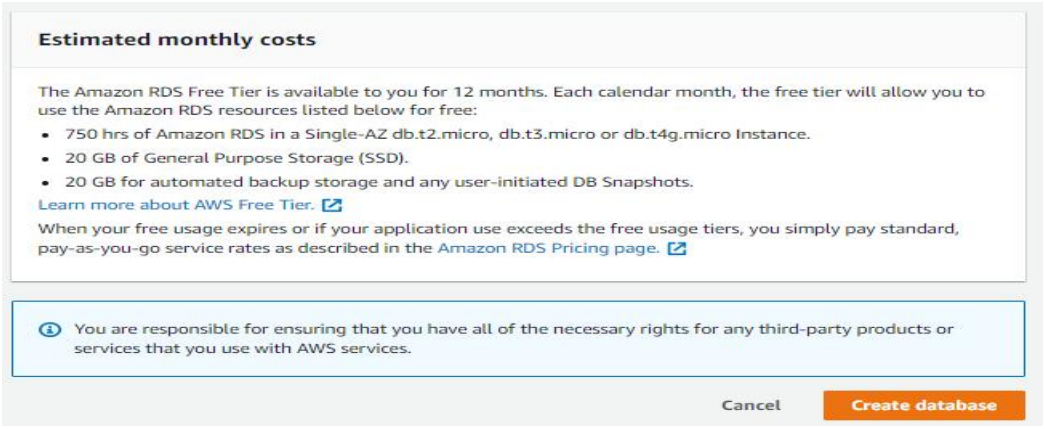


In VPC Security group section click Create New. Provide a name for this New VPC security group.

7. Scroll down. Expand the Additional configuration section. You will see the following settings. **Remove check mark from the Enable automated backup settings**.

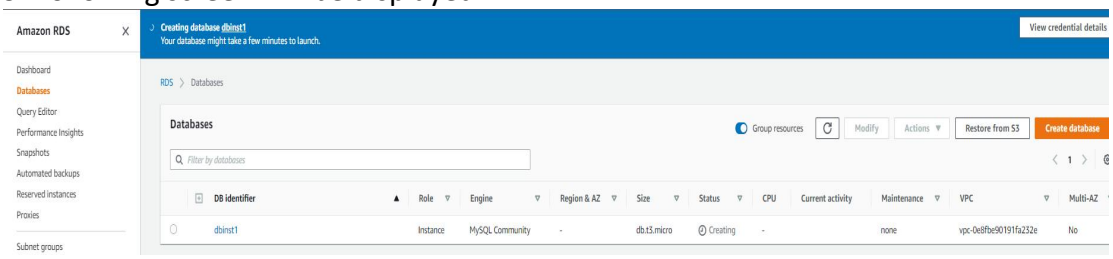


8. Scroll down. Keep all other settings to their default values.



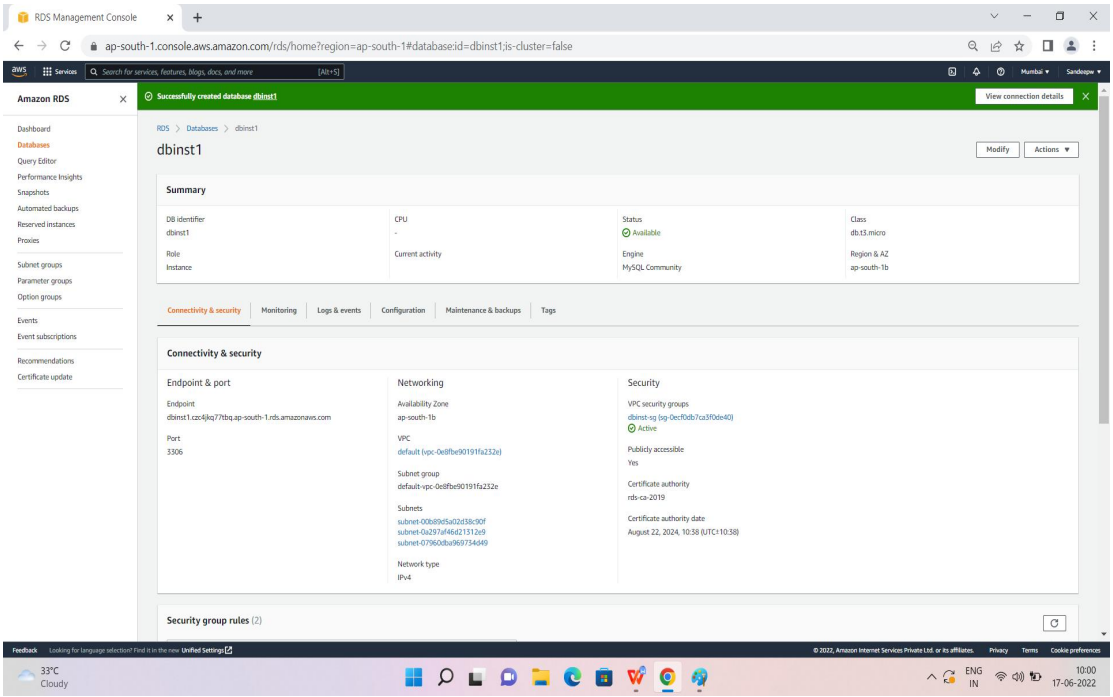
Finally Click Create Database Button.

9. Following screen will be displayed.

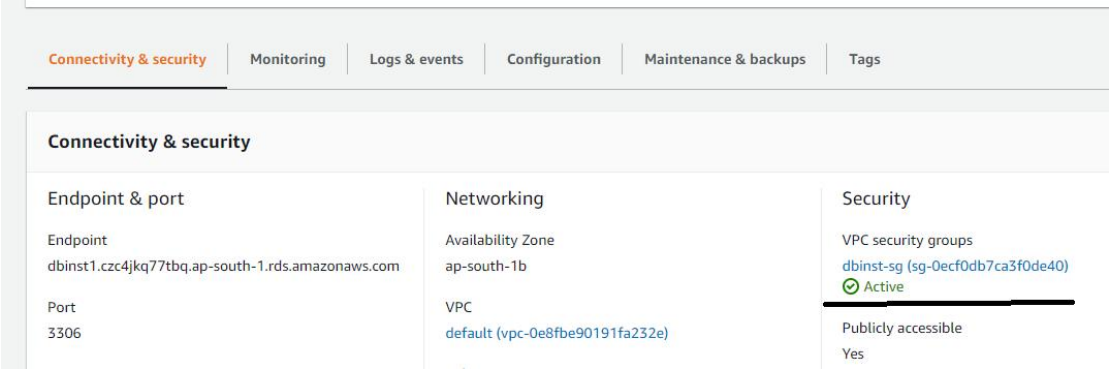


Check the status, it will be creating. It will take some time to start the database. Wait till the status is shown as available. You may use refresh button

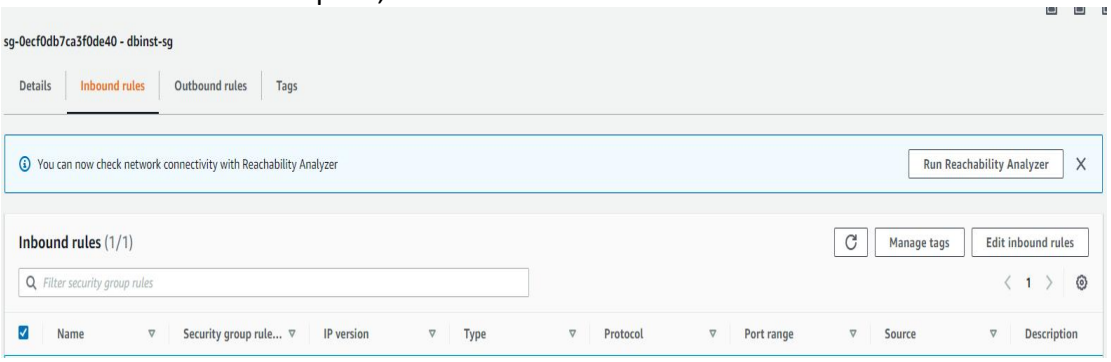
10. Once the database status changes to available. Click on the name of the database instance. Following screen will open.



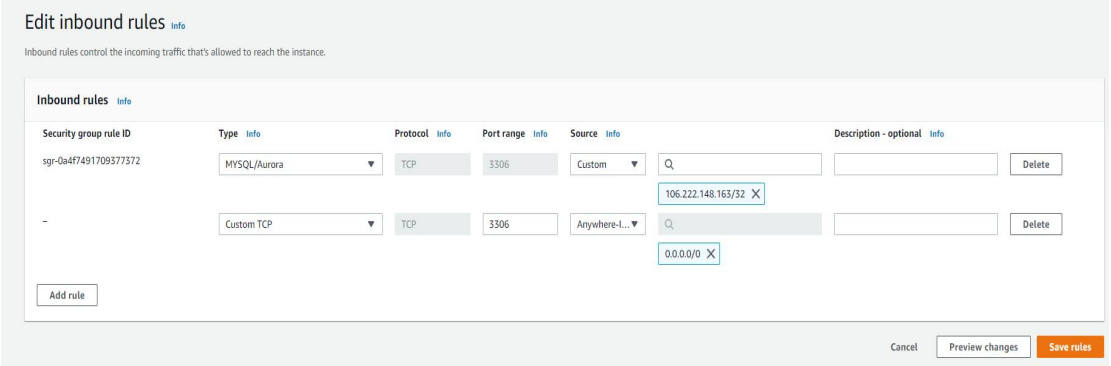
11. On the above page, click the blue name shown in VPC Security group.



12. On the screen that opens, click inbound rules below.



13. Then click Edit Inbound rules button which is present on the right hand side.



In the Edit inbound rules page, click Add rule button. Keep type as it is. In the Port range type 3306. Then click in the Source search box. Select 0.0.0.0/0. Then click Save rule.

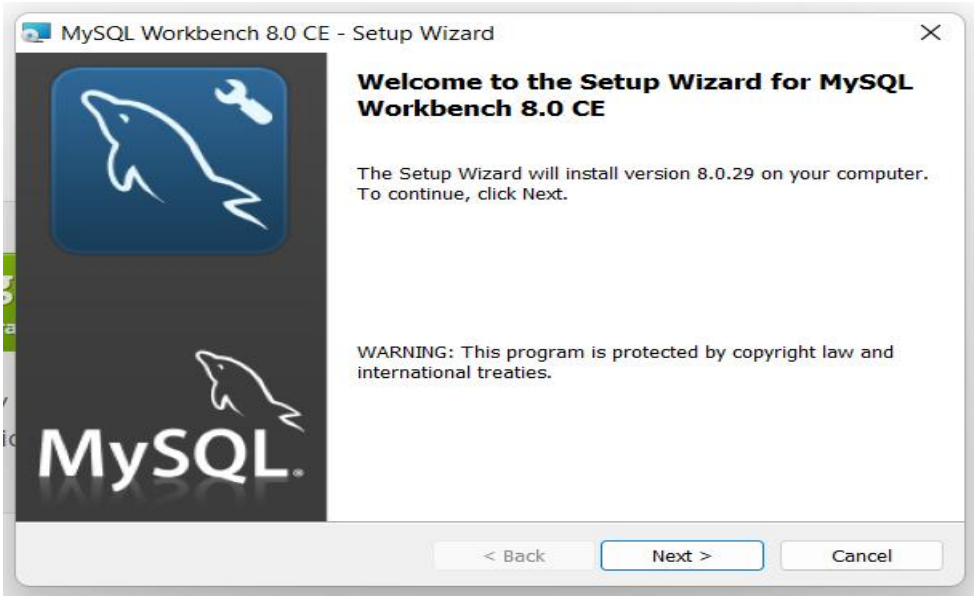
14. Go back to RDS console by typing RDS in the search box at the top.

Installing MySQL Workbench

1. Go to the following link and download MySQL workbench for Windows or as per your OS.

https://dev.mysql.com/downloads/workbench/

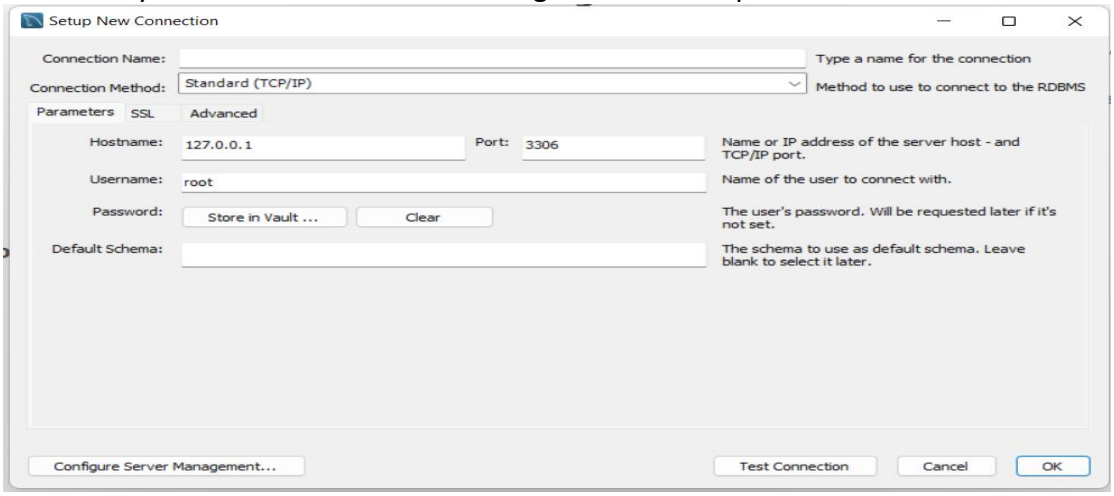
2. Once download is complete, click to start installation.



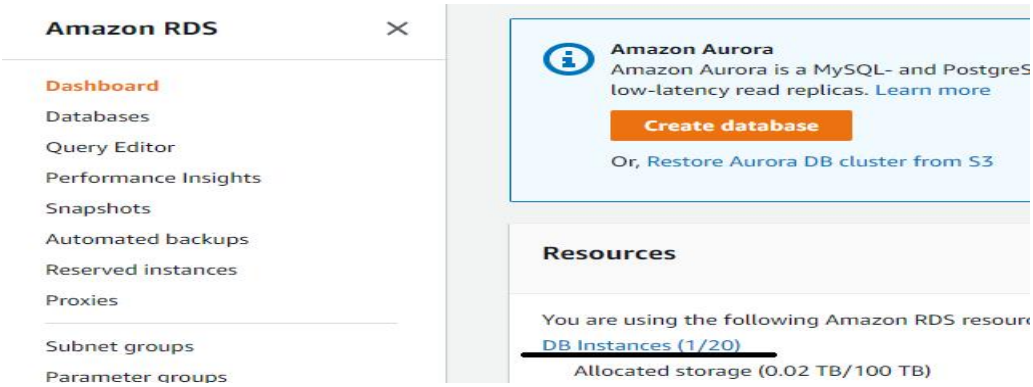
Click Next and keep all default settings and complete installation.

Once you finish installation, the MySQL workbench will start automatically.

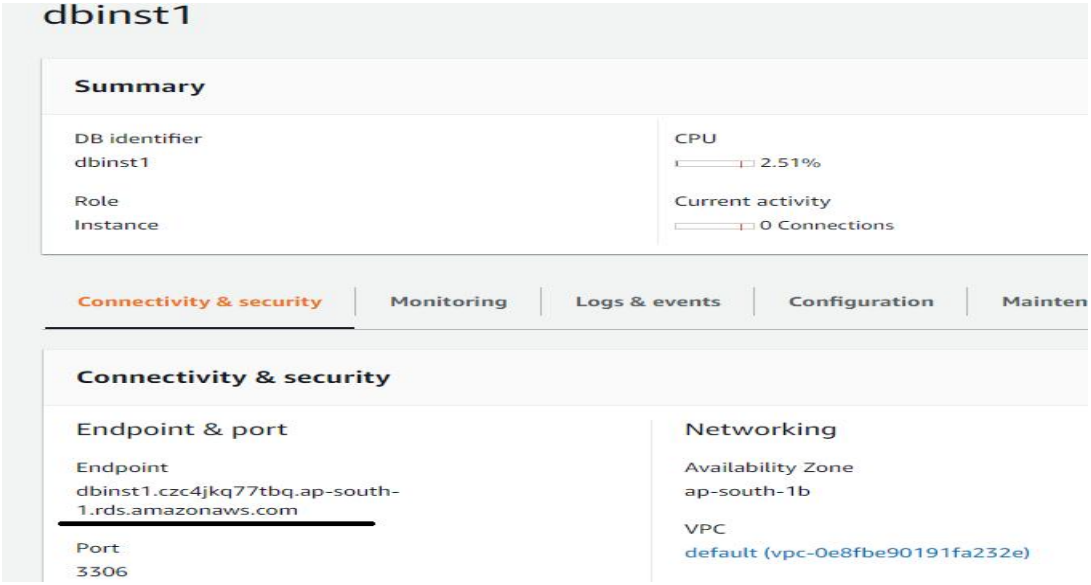
Now to connect to MySQL database instance. For this click the Plus sign shown in front of MySQL Connection. The following window will open.



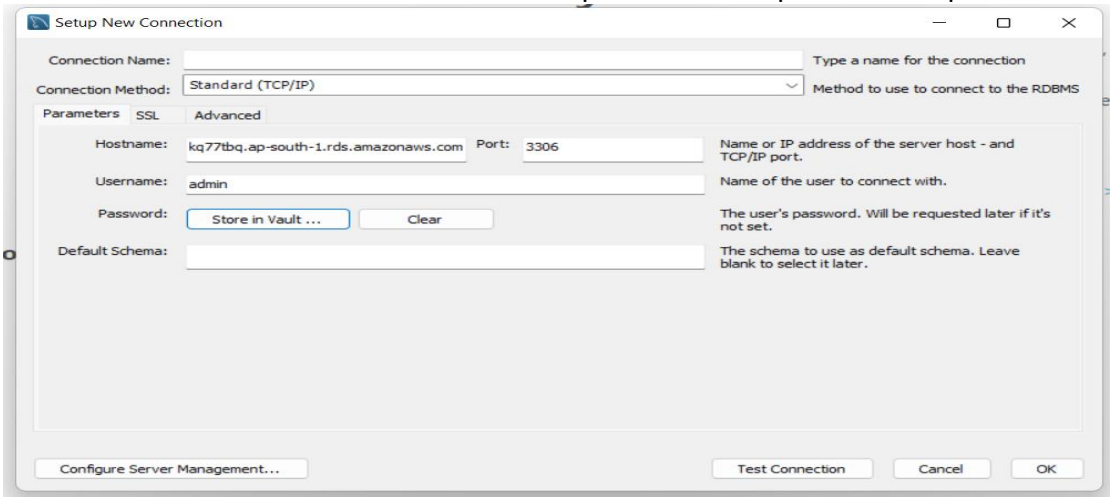
Go to your RDS console. Click DB instance(1/20) option. Then click the name of your database instance.



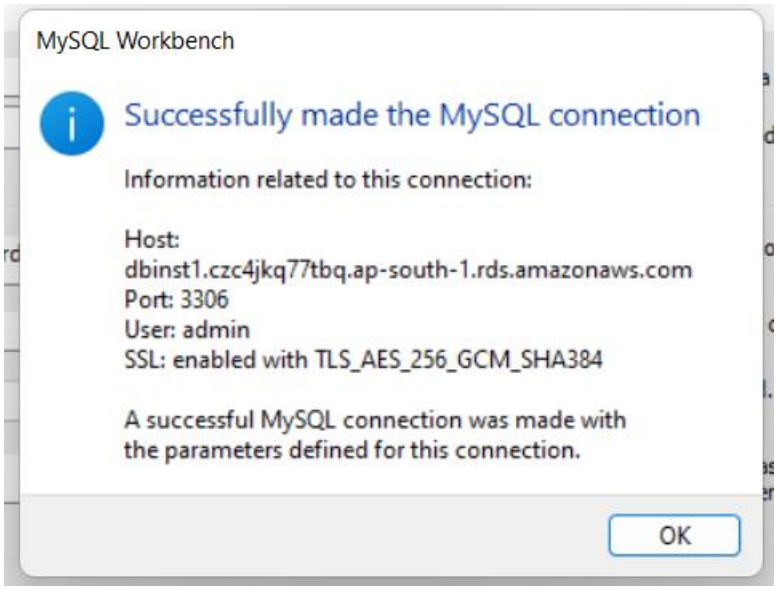
On the page that is displayed, Copy the endpoint.



Now paste the endpoint in the MySQL window. Paste the endpoint in the hostname field. Change username to the user that you specified while creating a database. The default is admin. Click store in vault to store password and provide user passwrd. T



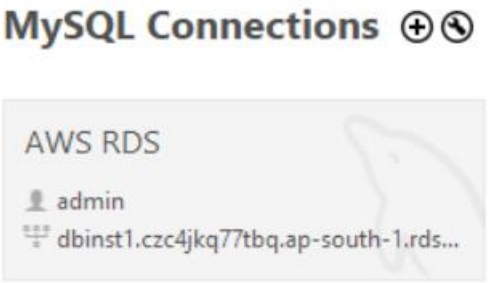
Then click Test Connection.



If you get this screen means you are able to connect to your database.

Click OK.
Enter a connection name in the window and click ok.

A button is displayed as below.



Click the button to connect to your database. And run your queries.