MySQL Workbench Installation & RDS Connection

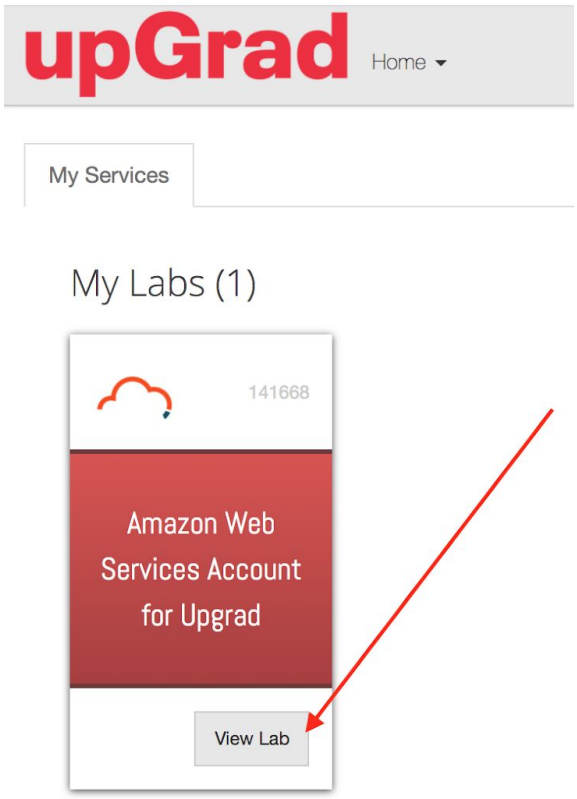
https://dev.mysql.com/doc/workbench/en/wb-installing.html

AWS RDS

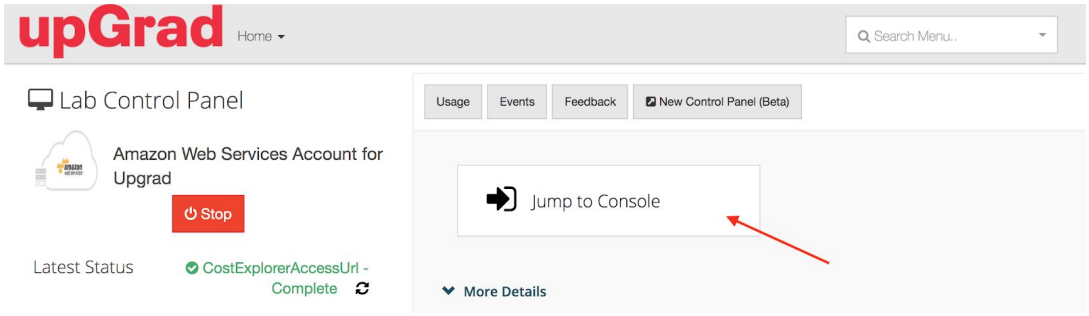
Important Note: AWS RDS is a costlier service, hence to avoid unnecessary deduction of your AWS budget please delete the RDS instance once you are done with your practice. Please don't keep your RDS instance running if you're not using it. AWS will charge you some money even if you have paused it. The steps to delete the instance are provided below.

RDS DB Instance Set up

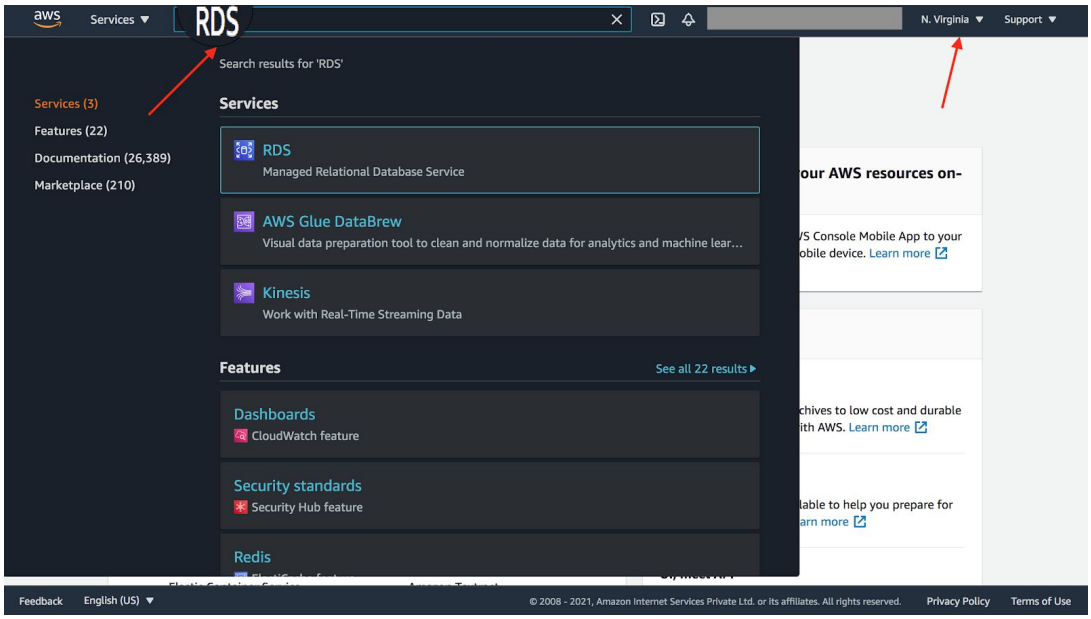
1. Login to your NevuPro account
2. View Lab



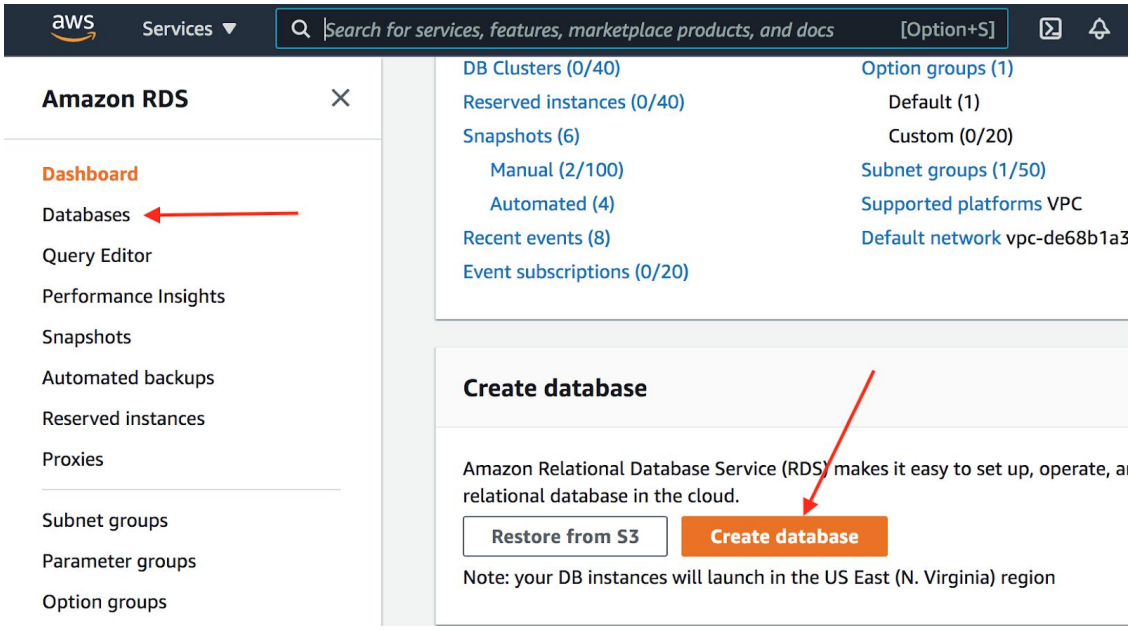
3. Jump to Console



4. Search for RDS in the AWS search bar (Make sure the region is N.Virginia)

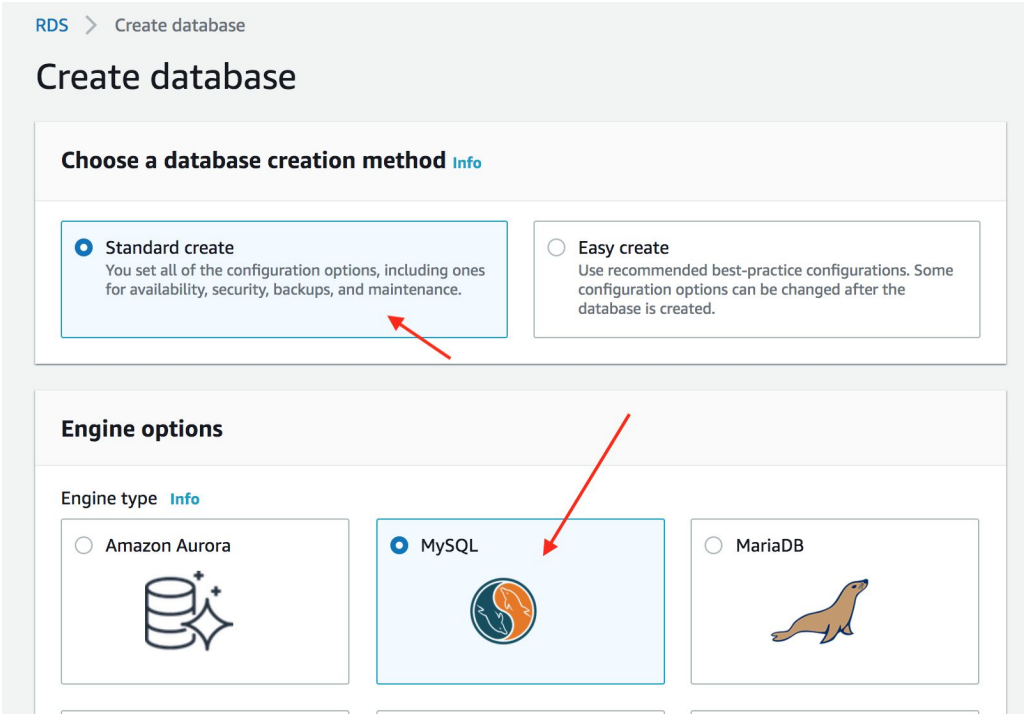


5. Click on ‘Create Database’ (which will create a DB Instance) in RDS

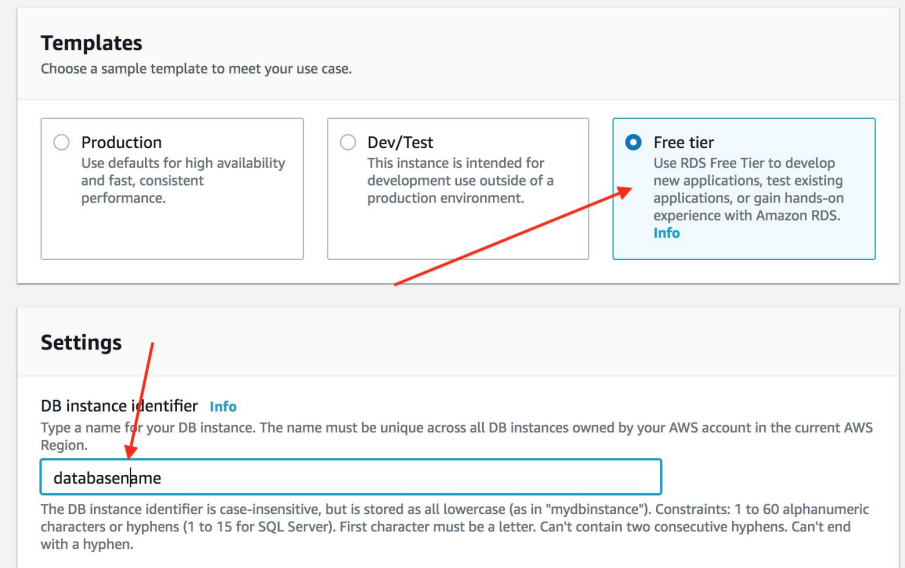


6. Follow the steps to create a DB Instance:

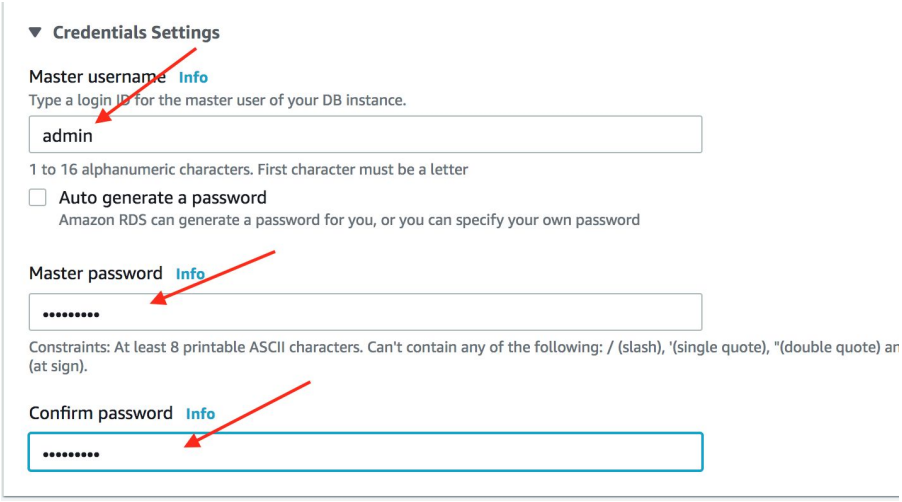
   a. Select ‘Standard Create’ and ‘MySQL’



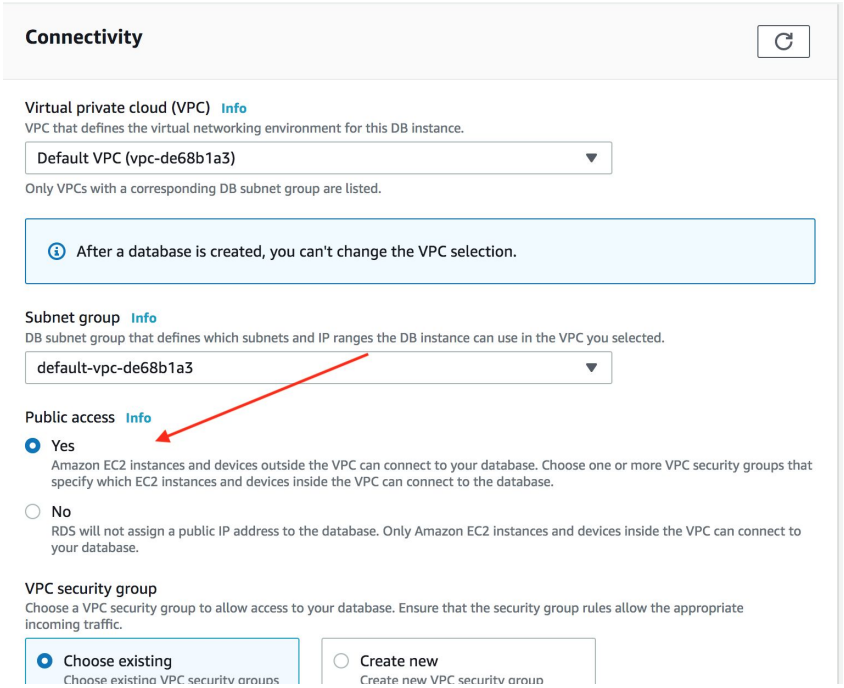
   b. Choose “Free Tier” and pick a database name



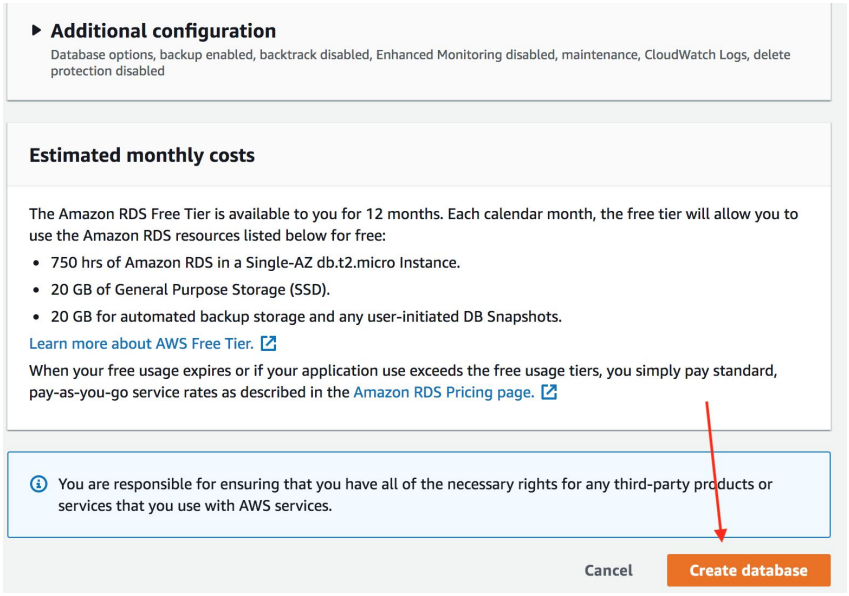
c. Set credentials (choose a password of your choice and **remember it)**



d. Skip all the configuration after it, move to Connectivity settings and give public access

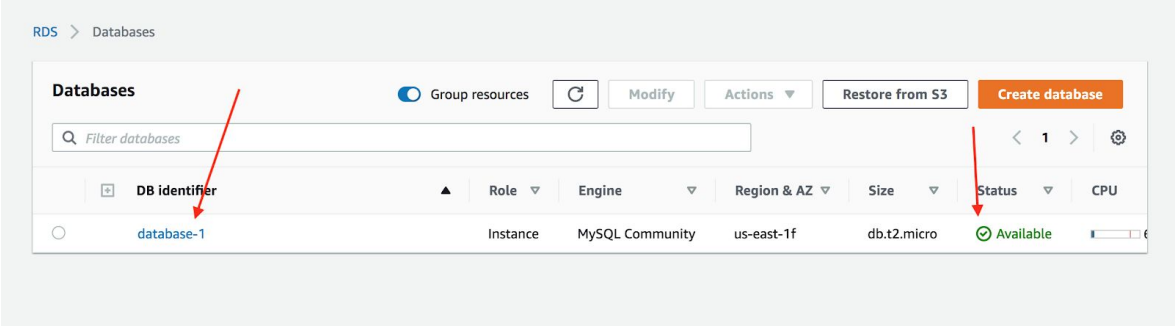


e. Move to the end and create the database.

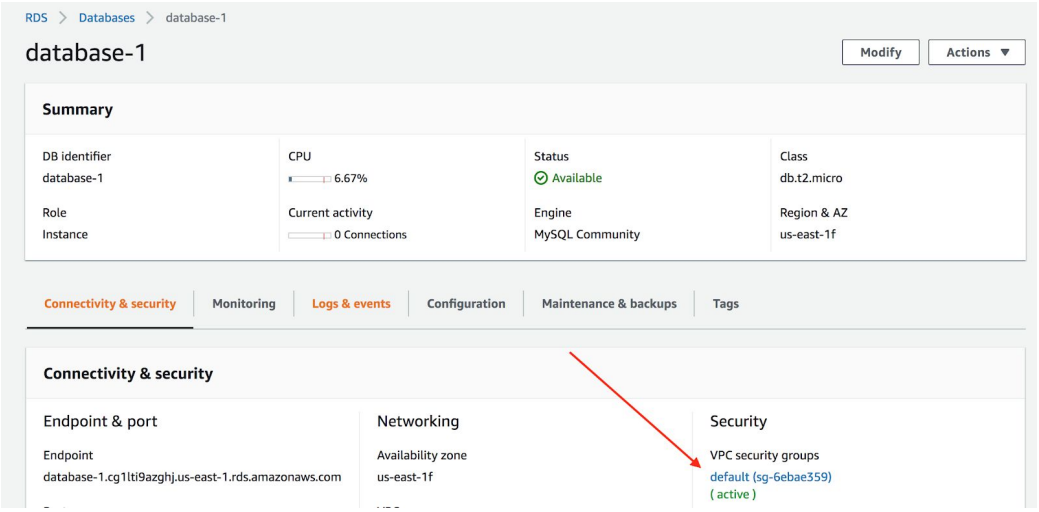


RDS DB Instance Security Configuration

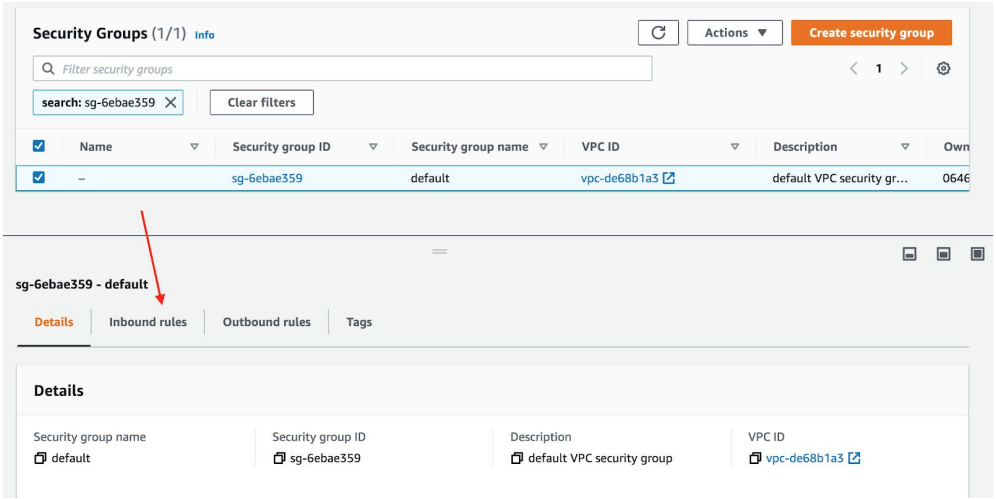
Once your database is created and available, you will be able to see it in the list of databases on RDS



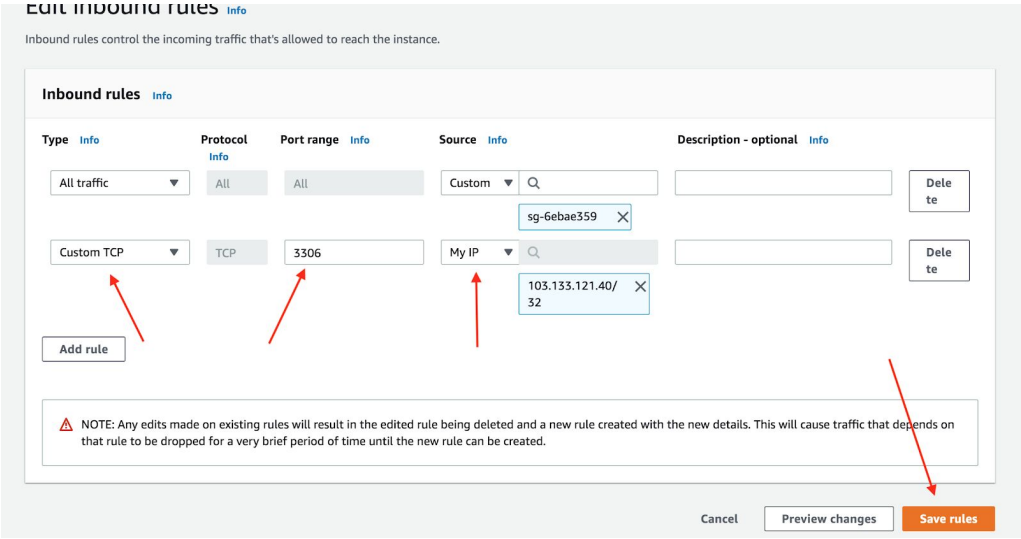
After the database is created, set up security configuration. To do that, click on your database, and you will see, as shown in the image below.



Click on the default security link and select inbound rules



Add a new inbound rule to allow traffic from your computer. Set Custom TCP, port 3306, and MyIP and save

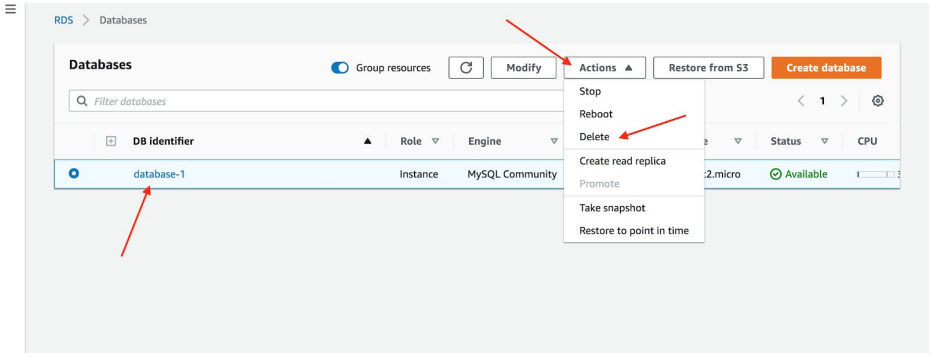


This will allow connection to your DB instance on RDS from your system's IP Address.

The public IP address is dynamic hence subject to change as per your ISP. To avoid any confusion, we recommend you to set the MyIP every time you want to login to the RDS server.

RDS DB Instance Delete

To delete your instance, simply go to the list of databases, select delete action and on getting a prompt, type in 'delete me' and click delete.



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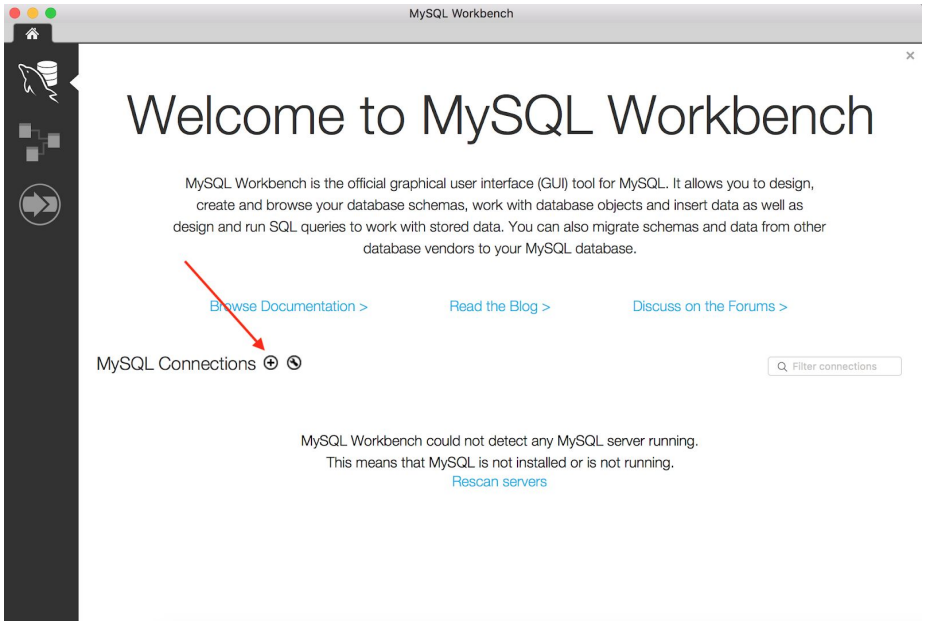
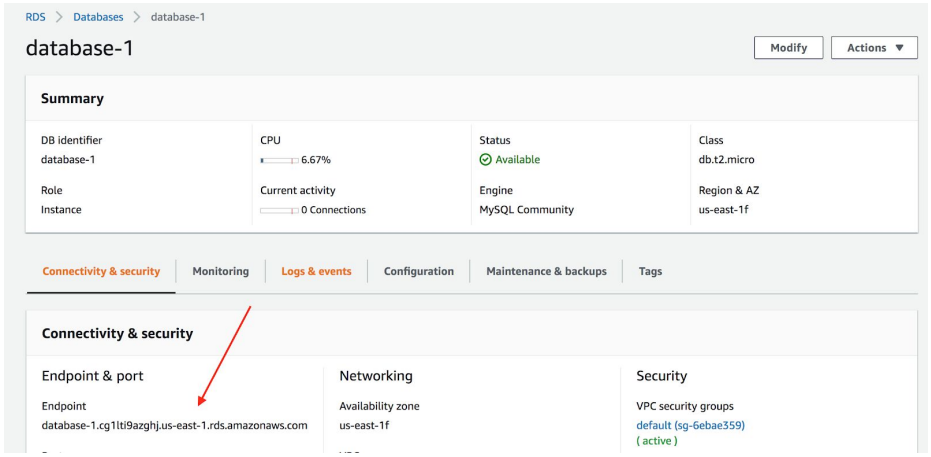
Connect RDS DB instance with MySQL Workbench

Open MySQL Workbench and create a new Connection.



Add RDS endpoint details which you can get from RDS DB instance details



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Set connection name, hostname, the username (admin), password that you had set on RDS, and test connection. If the connection is successful, click ok.