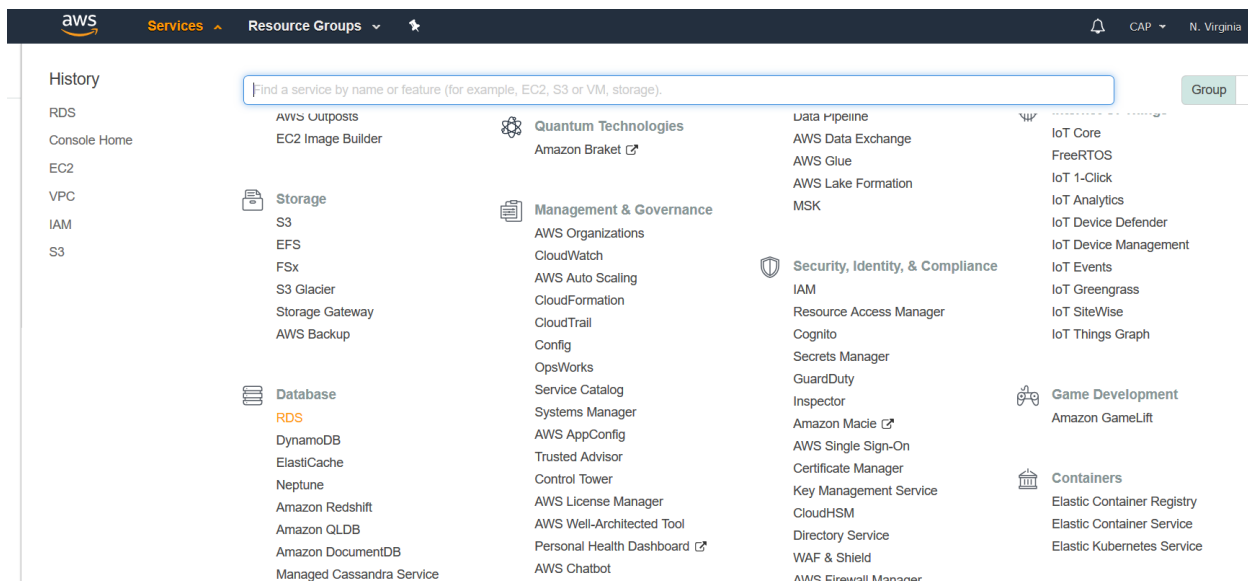


Connecting CAP Database to MySQL Workbench

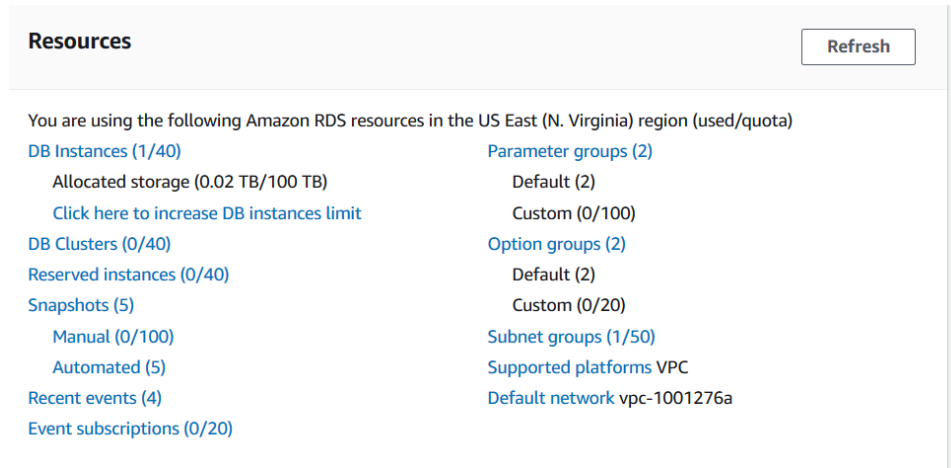
The following guide provides steps on how to connect to the CAP AWS MySQL database from MySQL Workbench. If you would like to access the database through SSL or a MySQL client then you can follow this guide provided by AWS. I highly recommend using MySQL Workbench though as it is an easy to use GUI that makes modifying and testing the database much simpler.

https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER_ConnectToInstance.html

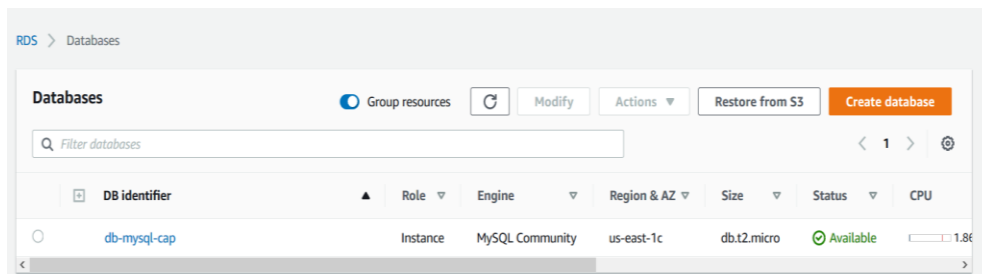
- 1) Before we start creating the connection in MySQL Workbench, we are going to go to the database section on AWS. After logging in to the AWS Management console, click 'Services' at the top left and then find and click 'RDS' under the 'Database' heading which is on the left hand side of the services listed.



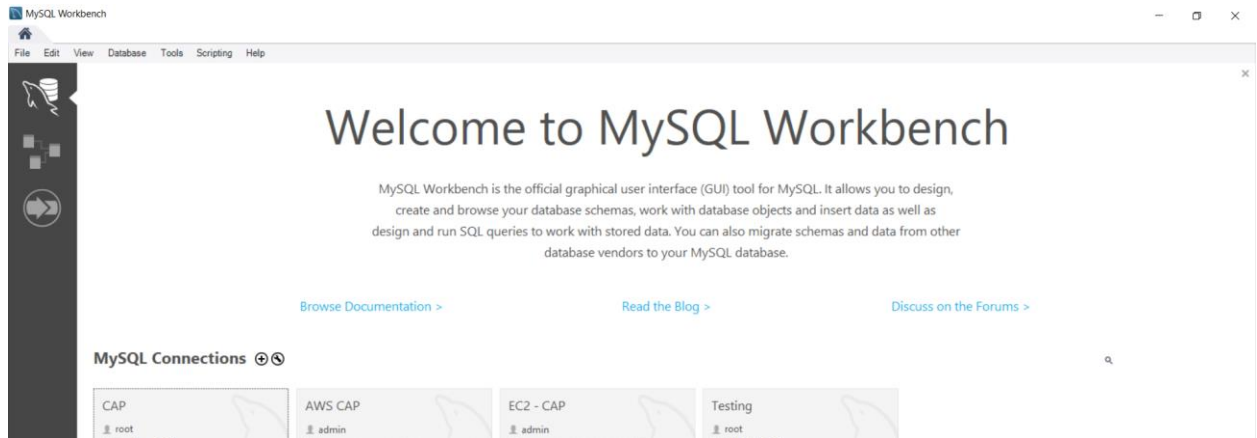
- 2) You will now be in the RDS section of AWS. Click on 'DB Instances' in the 'Resources' box.



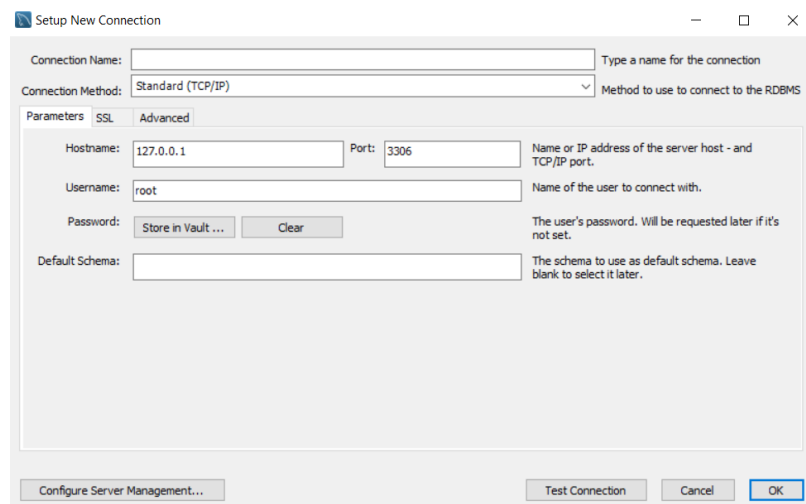
- 3) You will now be able to see all databases that have been created under this account. There should only be one database listed and it is identified as 'db-mysql-cap'. Click on it and then you will be taken to a summary and information page. This is where we will get the information needed to create the connection in MySQL Workbench.



- 4) Open MySQL Workbench. You should see a 'Welcome' screen with all connections that you have made to databases.



5) Click on the ‘+’ button next to the MySQL Connections. A window should pop up that will ask you to input the database information that you are trying to connect to.



6) The following fields need to be filled out:

- **Connection Name** – You can name this whatever you want but it should be named something you can easily identify as the CAP database connection.
- **Hostname** – This will be the database endpoint that AWS provides you which is found on information page from step 3. Under ‘Connectivity & security’ you should see the endpoint and port for the

database. Copy and paste the endpoint from AWS to the field in the MySQL Workbench connection window.

Connectivity & security

Endpoint & port

Endpoint

db-mysql-cap.cilr4i0zh8cq.us-east-1.rds.amazonaws.com

Port

3306

- Port – This should already default to 3306 but if it is blank, enter 3306 into the field.
- Username – The username for the database is ‘admin’.
- Password – You will be prompted to enter a password when you attempt to connect to the database. Click on ‘Store in vault’ that is and then enter in ‘Group21capdb’ as the password. This should now be saved, and you should not be asked to enter in the password upon any future connections.

Manage Server Connections

MySQL Connections

- CAP
- AWS CAP
- EC2 - CAP
- Testing

Connection Name: AWS CAP

Connection Remote Management System Profile

Connection Method: Standard (TCP/IP) Method to use to connect to the RDBMS

Parameters SSL Advanced

Hostname: db-mysql-cap.cilr4i0zh8cq.us Port: 3306 Name or IP address of the server host - and TCP/IP port.

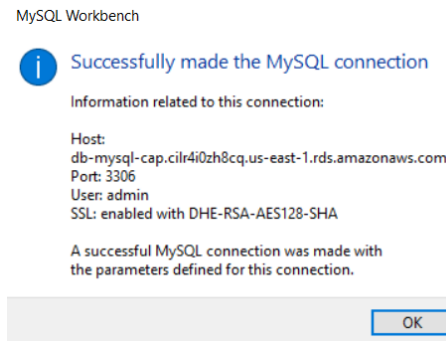
Username: admin Name of the user to connect with.

Password: Store in Vault ... Clear The user's password. Will be requested later if it's not set.

Default Schema: The schema to use as default schema. Leave blank to select it later.

New Delete Duplicate Move Up Move Down Test Connection Close

7) Click 'Test connection'. A success window should pop up that looks like this.



8) Click 'Ok'. You should now be connected to the database and be able to see the database and all its tables in the Navigator panel on the left side of the screen.

