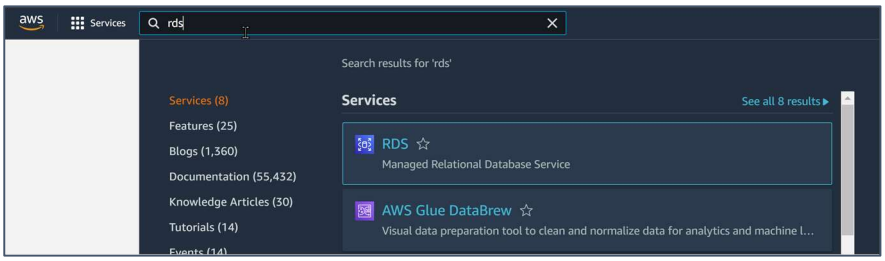
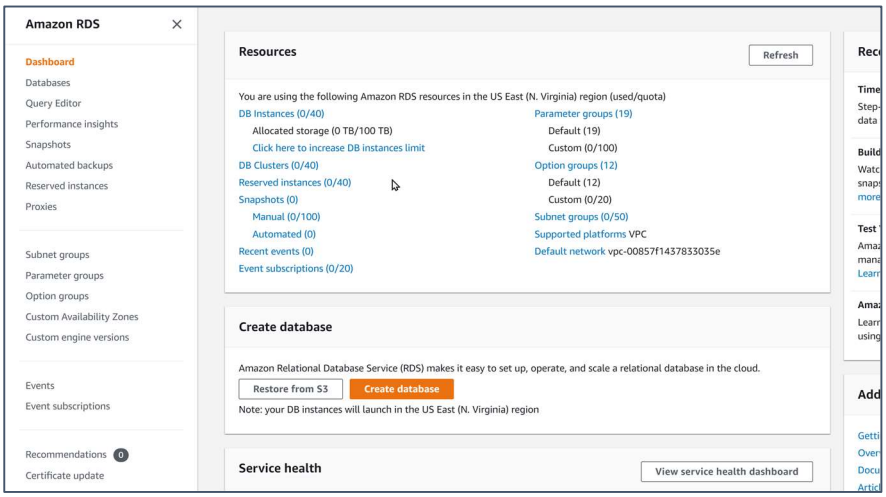
AWS RDS configuration.

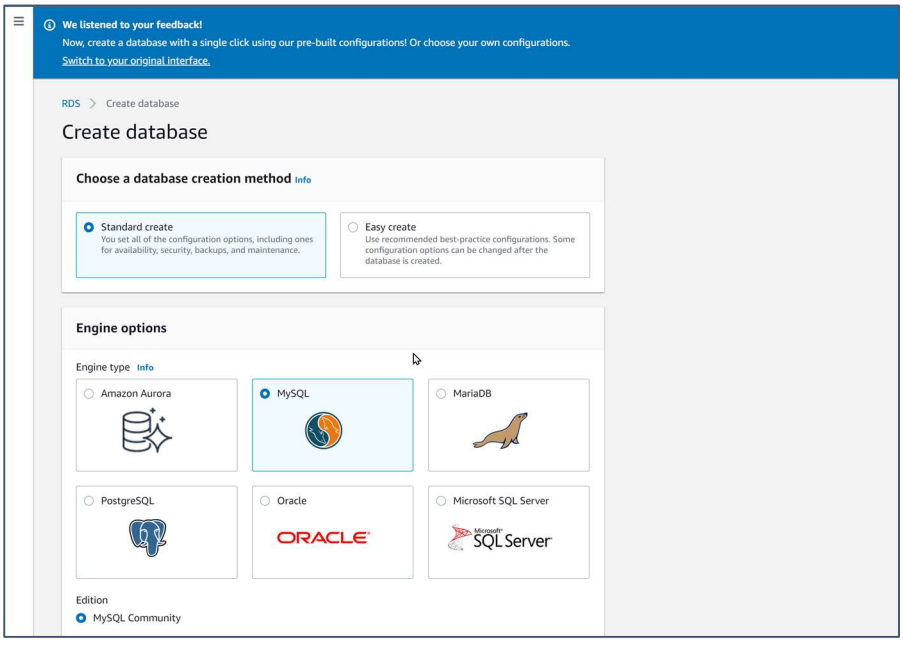
On the AWS Homepage, search for RDS and navigate to it



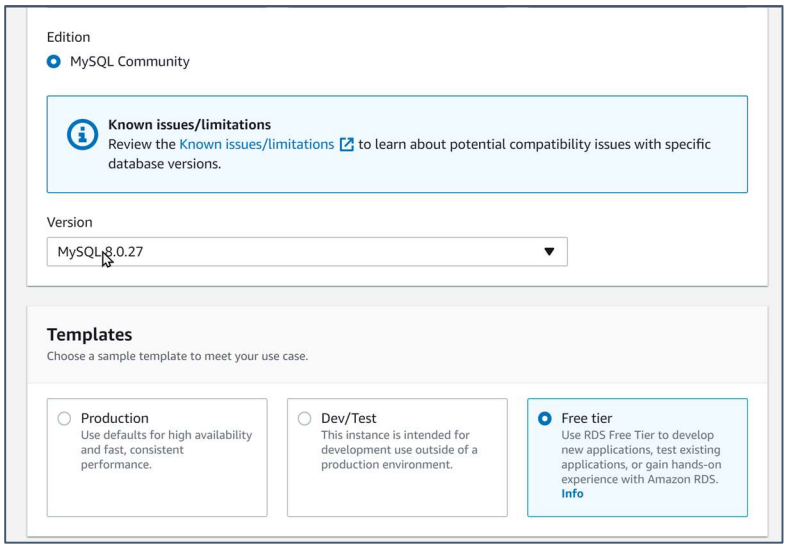
On the RDS Page, click on Create database



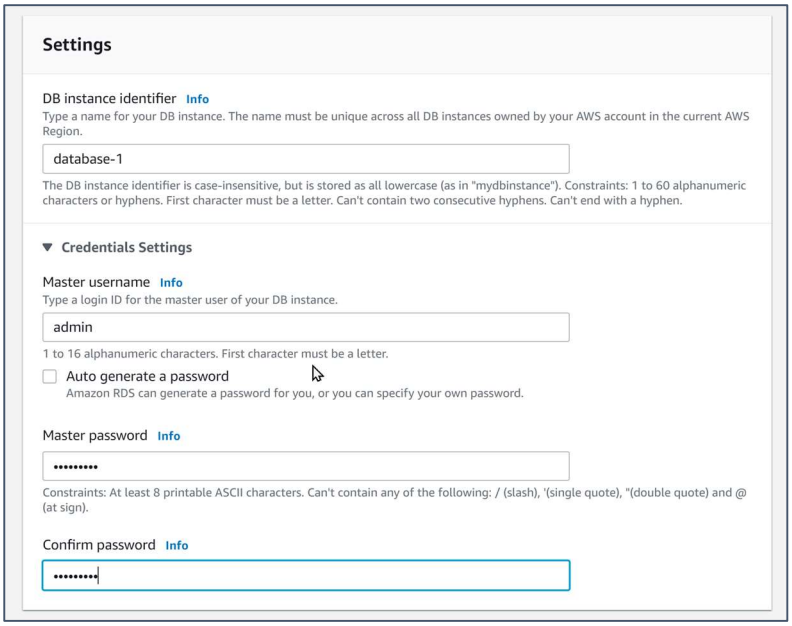
Use "**Standard create**" option and **MySQL** as the database.



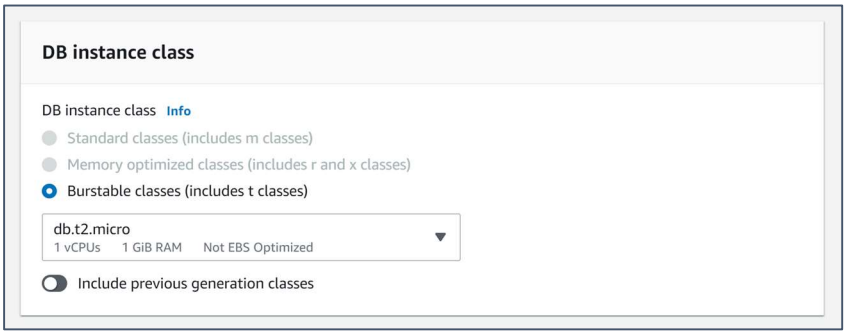
Select the appropriate version of **MySQL** and the **Free tier** Template

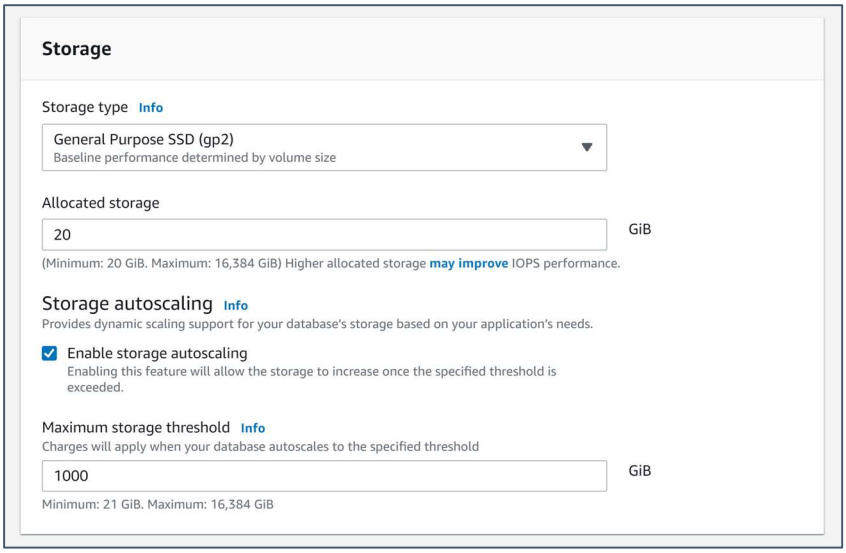


Fill in the details for DB name, user credentials and other section details as shown in the images below.

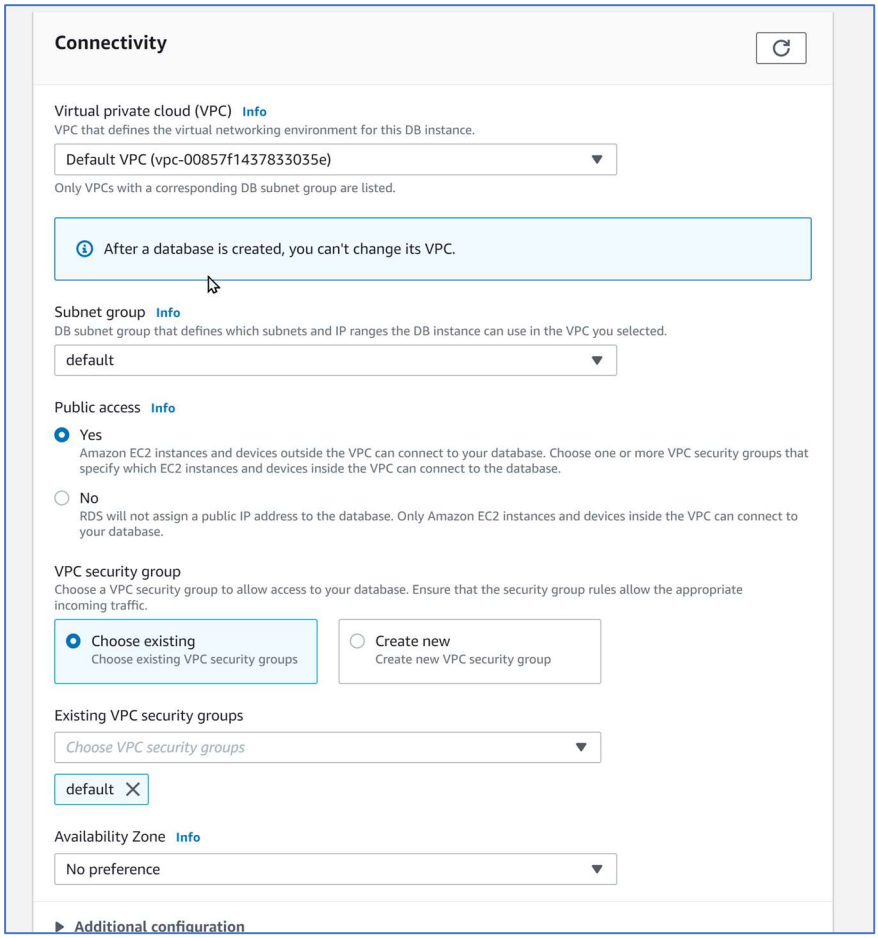


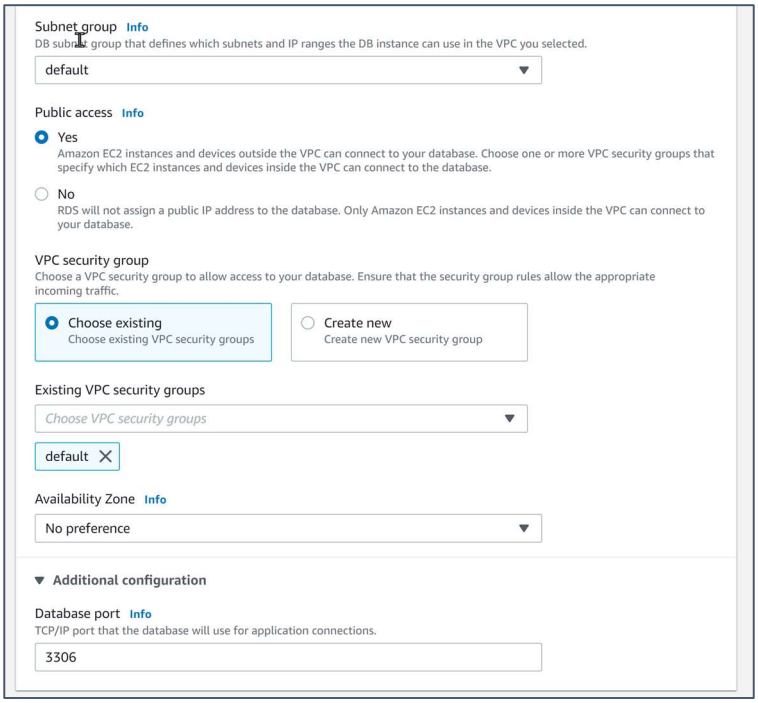
DB class and storage details:



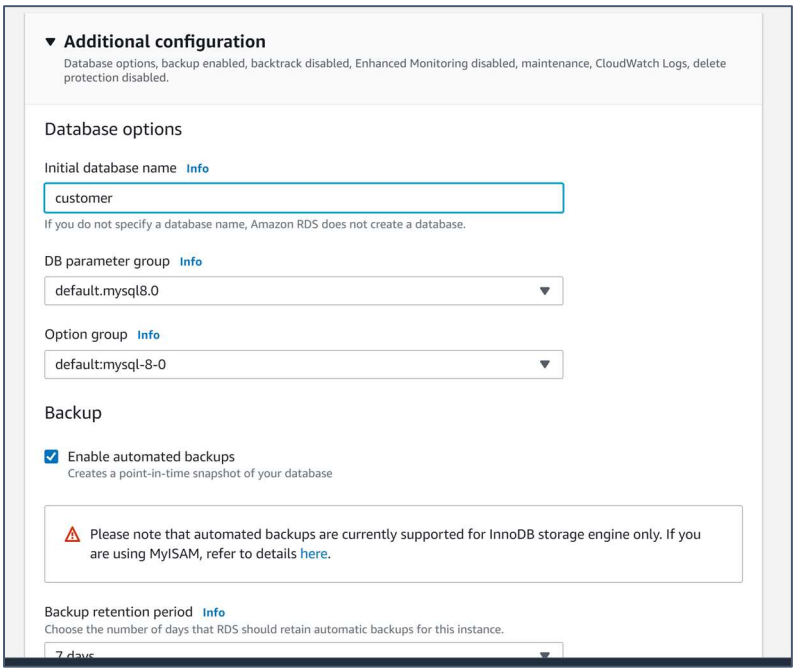


Connectivity details:

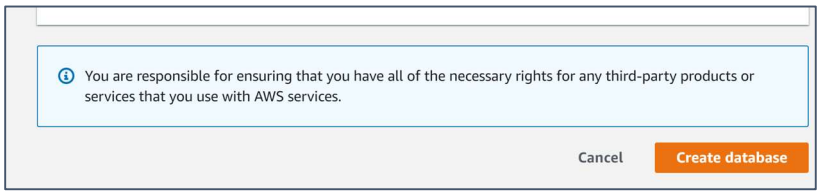




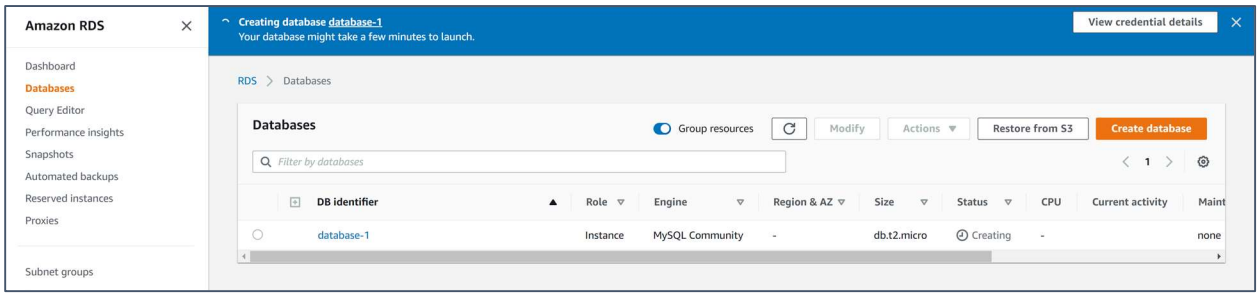
Keep the default settings and enable backups



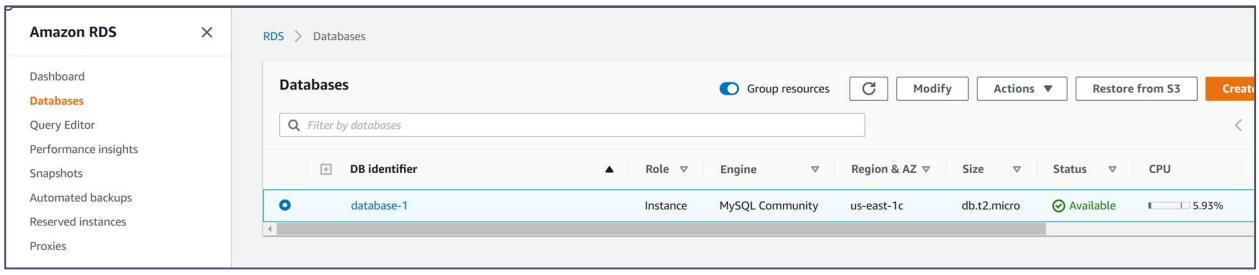
Finally, click on “Create database”.

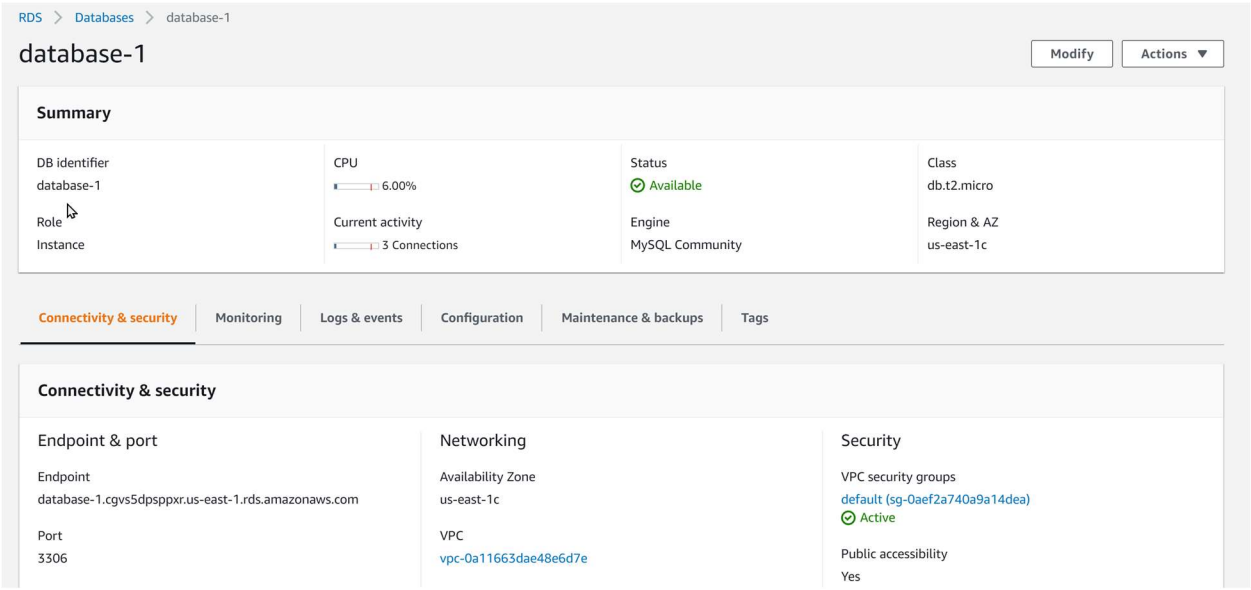


Verify the database creation on the RDS homepage.



Database setup is now complete, and database is available.





Connecting your RDS Instance remotely

On the command prompt, enter the following credentials- **endpoint, port, username,** and **password**

mysql -h <endpoint> -P <port number>-u <user name> -p

```
ubuntu@ip-172-31-26-39:~$ mysql -h database-1.cgvs5dpsppxr.us-east-1.rds.amazonaws.com -P 3306 -u admin -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 40
Server version: 8.0.27 Source distribution

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
```

To view all the **databases** available, enter the following command: ***show databases;***

```
mysql> show databases;
+--------------------+
| Database           |
+--------------------+
| customer           |
| information_schema |
| mysql              |
| performance_schema |
| sys                |
+--------------------+
5 rows in set (0.00 sec)

mysql>
```

To select any database, enter the following command: ***use customer;***

```
mysql> use customer;
Database changed
```

To create a table, insert data and see the table, use the following commands:

CREATE TABLE customers (name varchar(20), country varchar (20));

```
mysql> CREATE TABLE customers (name varchar(20), country varchar (20));
Query OK, 0 rows affected (0.02 sec)

mysql>
```

Using a Client (DBeaver) to browse the configured MySQL DB.