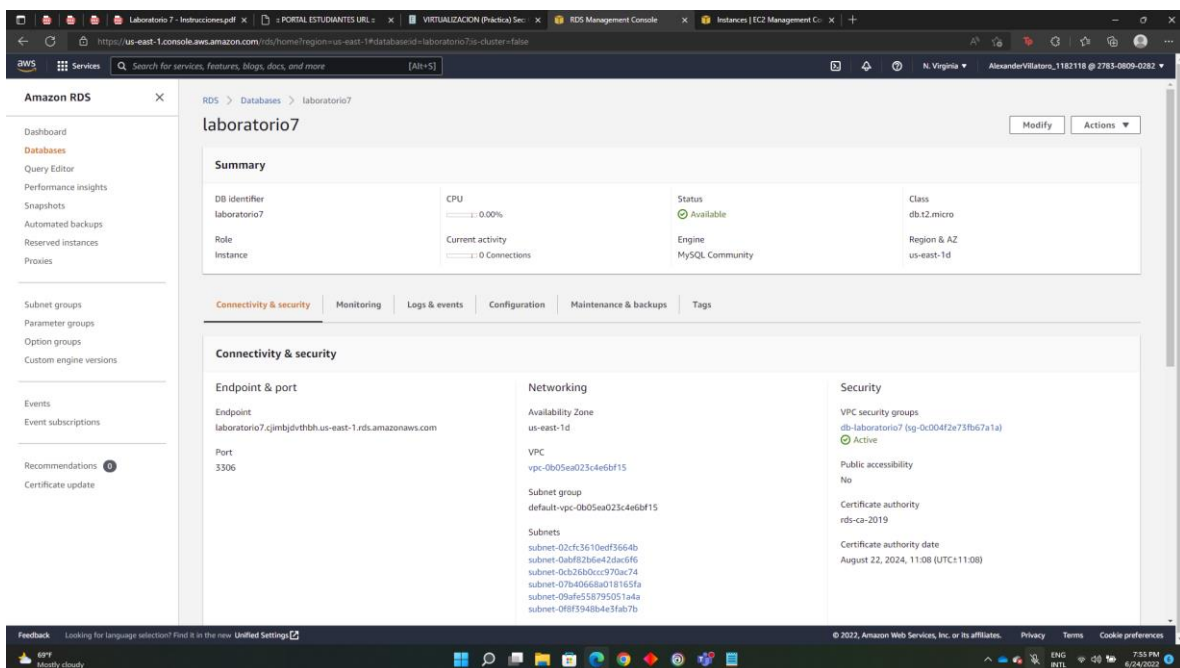


Nombre: Alexander Villatoro
Carné: 1182118

Laboratorio #7

Creación de una Base de Datos con MySQL en AWS RDS y conectividad desde una instancia EC2.

a. Screenshot de la DB creada y corriendo, mostrar el endpoint.



b. Screenshot de las consultas realizadas a la base de datos desde la instancia EC2.

```
Setting up libhtml-template-perl (2.97-1.1) ...
Setting up mysql-server (8.0.29-0ubuntu0.22.04.2) ...
Setting up libcgi-fast-perl (1:2.15-1) ...
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for libc-bin (2.35-0ubuntu3) ...
Scanning processes...
Scanning linux images...

Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
root@ip-172-30-4-63:/home/ubuntu# mysql -h laboratorio7.cjmbjdvtbhh.us-east-1.rds.amazonaws.com -P 3306 -u laboratorio7 -p
Enter password:
^C
root@ip-172-30-4-63:/home/ubuntu# mysql -h laboratorio7.cjmbjdvtbhh.us-east-1.rds.amazonaws.com -P 3306 -u laboratorio7 -p
Enter password:
ERROR 1045 (28000): Access denied for user 'laboratorio7'@'172.30.4.63' (using password: YES)
root@ip-172-30-4-63:/home/ubuntu# mysql -h laboratorio7.cjmbjdvtbhh.us-east-1.rds.amazonaws.com -P 3306 -u laboratorio7 -p
Enter password:
ERROR 1045 (28000): Access denied for user 'laboratorio7'@'172.30.4.63' (using password: YES)
root@ip-172-30-4-63:/home/ubuntu# mysql -h laboratorio7.cjmbjdvtbhh.us-east-1.rds.amazonaws.com -P 3306 -u laboratorio7 -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 20
Server version: 8.0.20 Source distribution

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owners.

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

mysql>
```

i-0956dc1152a4e8a60 (Laboratorio7)

Public IPs: 52.87.154.156 Private IPs: 172.30.4.63

Cloud

Services

Search for services, features, blogs, docs, and more [Alt+S]

N. Virginia Alexander Villatoro_1182118 @ 2785-0809-0282

Amazon RDS

Databases

laboratorio7

Summary

DB identifier laboratorio7	CPU 4.17%	Status Available	Class db.t2.micro
Role Instance	Current activity 1 Connections	Engine MySQL Community	Region & AZ us-east-1d

Connectivity & security

Endpoint and port Endpoint laboratorio7.cjmbjdvtbhh.us-east-1.rds.amazonaws.com Port 3306	Networking Availability Zone us-east-1d VPC vpc-0b05ea023c4e6bf15 Subnet group default-vpc-0b05ea023c4e6bf15 Subnets subnet-02cfc3610edf3664b subnet-0abf82b6e420ac0f6 subnet-0a82b0d0cc970ac74 subnet-07b4d668a018165fa subnet-09afe558795051a4a subnet-0f8f5948b4c3fab7b	Security VPC security groups db-laboratorio7 (sg-0c004f3e73fb67a1a) Active Public accessibility No Certificate authority rds-ca-2019 Certificate authority date August 22, 2024, 11:08 (UTC+11:08)
---	---	---

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```

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

mysql> CREATE TABLE IF NOT EXISTS books(
->     book_id INT AUTO_INCREMENT,
->     title VARCHAR(255) NOT NULL,
->     author VARCHAR(255),
->     publish_date DATE,
->     description TEXT,
->     PRIMARY KEY (book_id)
-> ) ENGINE=INNODB;
ERROR 1046 (3D000): No database selected
mysql> CREATE TABLE IF NOT EXISTS books(
->     book_id INT AUTO_INCREMENT,
->     title VARCHAR(255) NOT NULL,
->     author VARCHAR(255),
->     publish_date DATE,
->     description TEXT,
->     PRIMARY KEY (book_id)
-> ) ENGINE=INNODB;
ERROR 1046 (3D000): No database selected
mysql> CREATE TABLE IF NOT EXISTS books(book_id INT AUTO_INCREMENT, title VARCHAR(255) NOT NULL, author VARCHAR(255), publish_date DATE, description TEXT, PRIMARY KEY (book_id)) ENGINE = INNODB;
ERROR 1046 (3D000): No database selected
mysql> use bookdb
ERROR 1049 (42000): Unknown database 'bookdb'
mysql> USE Bookdb
ERROR 1049 (42000): Unknown database 'Bookdb'
mysql> USE BookDB
Database changed
mysql> CREATE TABLE IF NOT EXISTS books(book_id INT AUTO_INCREMENT, title VARCHAR(255) NOT NULL, author VARCHAR(255), publish_date DATE, description TEXT, PRIMARY KEY (book_id)) ENGINE = INNODB;
Query OK, 0 rows affected (0.02 sec)

mysql> show table;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '' at line 1
mysql> select books
->
->
[!]+ Stopped mysql -h laboratorio7.cjimbjdvthbh.us-east-1.rds.amazonaws.com -P 3306 -u laboratorio7 -p
root@ip-172-30-4-63:/home/ubuntu# mysql -h laboratorio7.cjimbjdvthbh.us-east-1.rds.amazonaws.com -P 3306 -u laboratorio7 -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 27
Server version: 8.0.20 Source distribution
```

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```

Server version: 8.0.20 Source distribution

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owners.

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

mysql> show table
->
-> books
->
-> exit
->
-> exit
-> ^C
mysql> cls
-> ^C
mysql> ^C
mysql> show tables
-> ^C
mysql> show tables;
ERROR 1046 (3D000): No database selected
mysql> use BookDB
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> show tables;
+-----+
| Tables_in_BookDB |
+-----+
| books             |
+-----+
1 row in set (0.01 sec)

mysql>
```

i-0956dc1152a4e8a60 (Laboratorio7)
Public IPs: 52.87.154.156 Private IPs: 172.30.4.63