

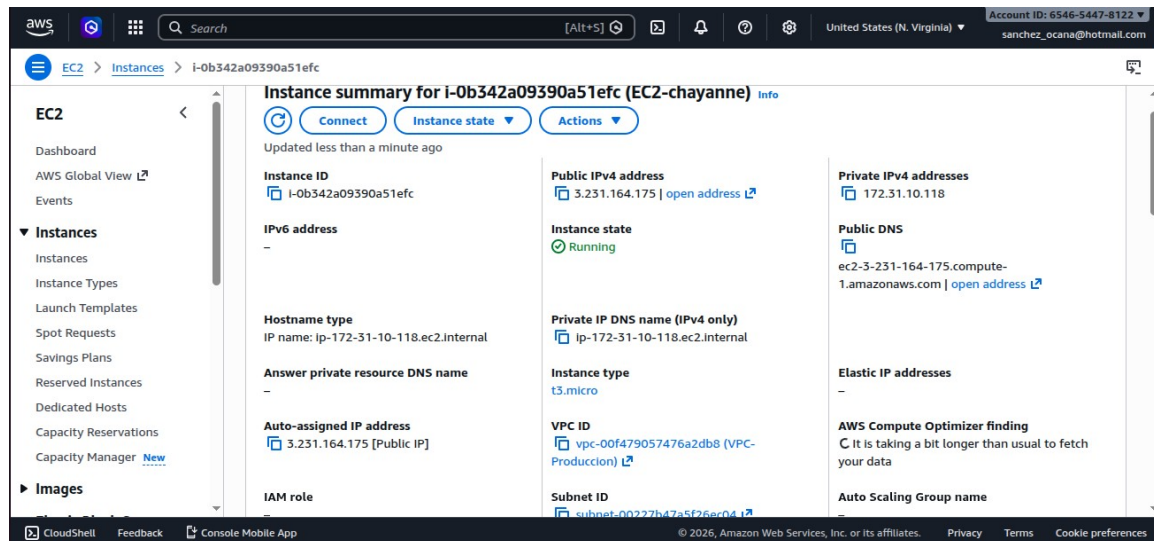
Examen Práctico Módulo 2 - EC2 y RDS

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Fecha: 26 de marzo 2026

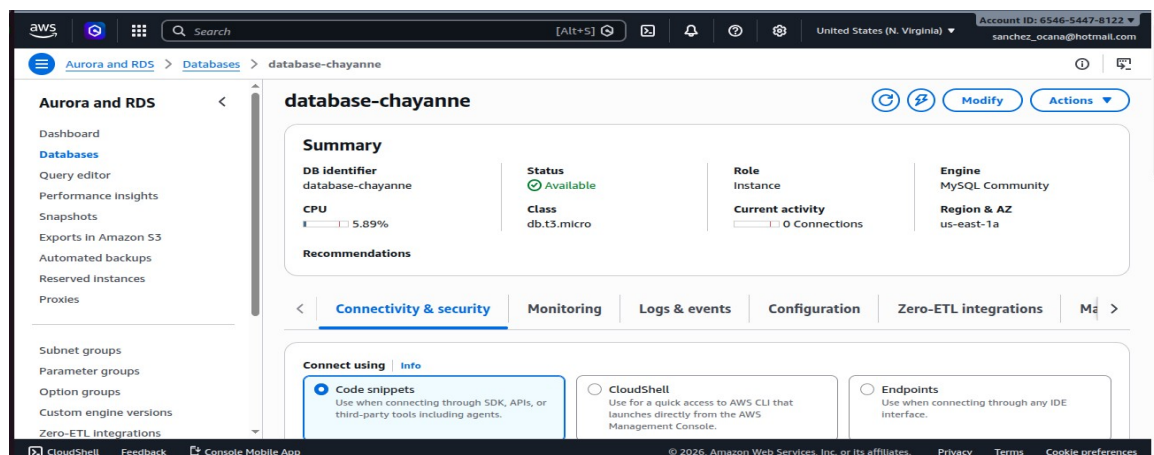
1. Evidencia EC2

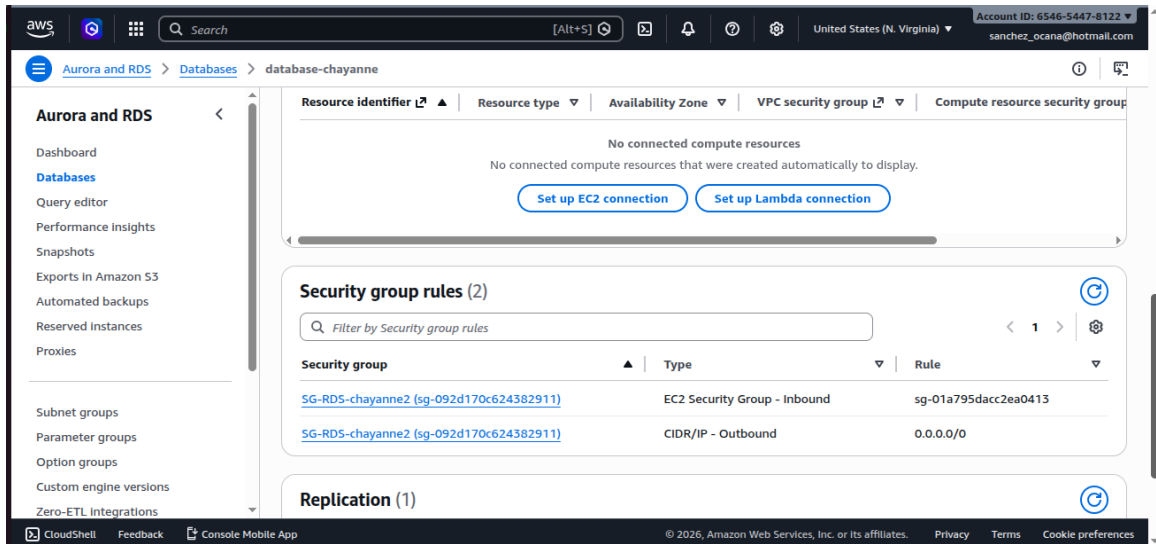
Configuración de la EC2:



2. Evidencia RDS

RDS y el Security Group:





3. Conexión EC2 a RDS

Conectado a la RDS desde la EC2:

```
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
Preparing :
Installing : mariadb-connector-c-3.3.10-1.amzn2023.0.1.noarch 1/1
Installing : mariadb-connector-c-3.3.10-1.amzn2023.0.1.x86_64 1/5
Installing : mariadb105-common-3:10.5.29-1.amzn2023.0.1.x86_64 2/5
Installing : perl-Sys-Hostname-1.23-477.amzn2023.0.7.x86_64 3/5
Installing : mariadb105-3:10.5.29-1.amzn2023.0.1.x86_64 4/5
Installing : mariadb105-3:10.5.29-1.amzn2023.0.1.x86_64 5/5
Running scriptlet: mariadb105-3:10.5.29-1.amzn2023.0.1.x86_64 5/5
Verifying : mariadb-connector-c-3.3.10-1.amzn2023.0.1.x86_64 1/5
Verifying : mariadb-connector-c-3.3.10-1.amzn2023.0.1.noarch 2/5
Verifying : mariadb105-3:10.5.29-1.amzn2023.0.1.x86_64 3/5
Verifying : mariadb105-common-3:10.5.29-1.amzn2023.0.1.x86_64 4/5
Verifying : perl-Sys-Hostname-1.23-477.amzn2023.0.7.x86_64 5/5

Installed:
mariadb-connector-c-3.3.10-1.amzn2023.0.1.x86_64 mariadb-connector-c-3.3.10-1.amzn2023.0.1.noarch mariadb105-3:10.5.29-1.amzn2023.0.1.x86_64
mariadb105-common-3:10.5.29-1.amzn2023.0.1.x86_64 perl-Sys-Hostname-1.23-477.amzn2023.0.7.x86_64

Complete!
[ec2-user@ip-172-31-10-118 ~]$ mysql -h database-chayanne.czckyeaig9k.us-east-1.rds.amazonaws.com -P 3306 -u admin -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MySQL connection id is 41
Server version: 8.4.7 Source distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

MySQL [(none)]>
```

4. Creación de Base de Datos

CREATE DATABASE y SHOW DATABASES:

```
MySQL [(none)]> DROP DATABASEchayanne-sanchez;
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 'DATABASEchayanne-sanchez' at line 1
MySQL [(none)]> SHOW DATABASES;
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 'DATABASESE' at line 1
MySQL [(none)]> CREATE DATABASE laboratorioalfonso;
Query OK, 1 row affected (0.056 sec)

MySQL [(none)]> CREATE DATABASE laboratorioalfonso;
ERROR 1007 (HY000): Can't create database 'laboratorioalfonso'; database exists
MySQL [(none)]> DROP DATABASE laboratorioalfonso;
Query OK, 0 rows affected (0.015 sec)

MySQL [(none)]> CREATE DATABASE chayanne;
Query OK, 1 row affected (0.006 sec)

MySQL [(none)]> SHOW DATABASES;
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 'DATABASESE' at line 1
MySQL [(none)]> SHOW DATABASES;
+-----+
| Database |
+-----+
| chayanne |
| information_schema |
| mysql |
| performance_schema |
| sys |
+-----+
5 rows in set (0.013 sec)

MySQL [(none)]>
```

```
MySQL [chayanne]> SHOW TABLES;
+-----+
| Tables_in_chayanne |
+-----+
| personas |
+-----+
1 row in set (0.009 sec)

MySQL [chayanne]> DESCRIBE personas;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id | int | NO | PRI | NULL | auto_increment |
| nombre | varchar(50) | YES | | NULL | |
| apellido | varchar(50) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.035 sec)

MySQL [chayanne]> INSERT INTO personas (nombre, apellido) VALUES (chayanne sanchez);
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 'sanchez)' at line 1
MySQL [chayanne]> INSERT INTO personas (nombre, apellido) VALUES ('chayanne', 'sanchez');
Query OK, 1 row affected (0.067 sec)

MySQL [chayanne]> SELECT * FROM personas;
+-----+-----+-----+
| id | nombre | apellido |
+-----+-----+-----+
| 1 | chayanne | sanchez |
+-----+-----+-----+
1 row in set (0.006 sec)

MySQL [chayanne]> █
```