Padlet (Evaluación continua) - Semana 5 Taller 2

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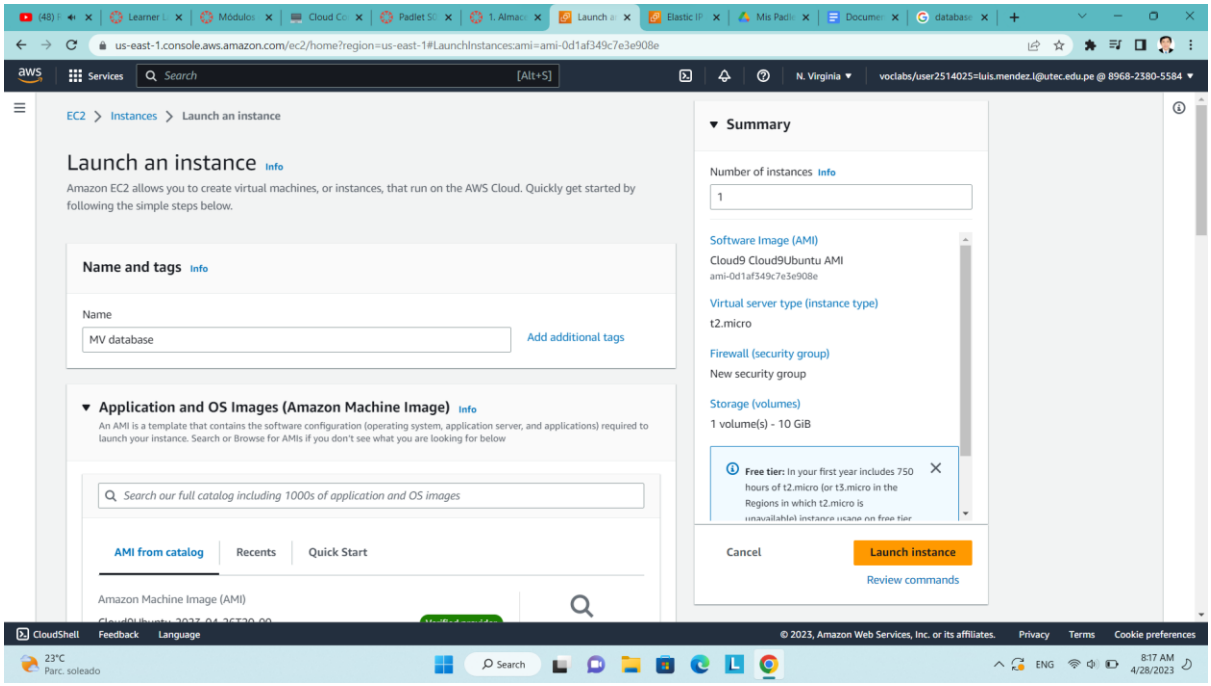
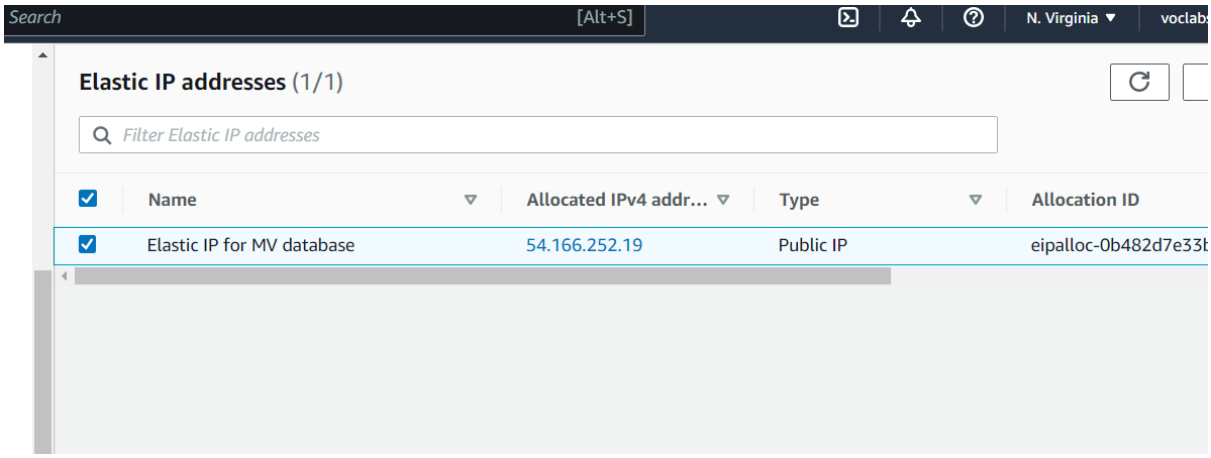
Create instance VM database



Create Elastic IP



Assign elastic IP

Elastic IP address: 54.166.252.19

Resource type

Choose the type of resource with which to associate the Elastic IP address.

- (•) Instance
- ( ) Network interface

⚠ If you associate an Elastic IP address with an instance that already has an Elastic IP address associated, the previously associated Elastic IP address will be disassociated, but the address will still be allocated to your account. Learn more

If no private IP address is specified, the Elastic IP address will be associated with the primary private IP address.

Instance

i-05c8bba2ca637dfbd

Private IP address

The private IP address with which to associate the Elastic IP address.

Choose a private IP address

Reassociation

Specify whether the Elastic IP address can be reassociated with a different resource if it already associated with a resource.

[ ] Allow this Elastic IP address to be reassociated

Cancel | Associate

Elastic IP address associated successfully.
Elastic IP address 54.166.252.19 has been associated with instance i-05c8bba2ca637dfbd

Elastic IP addresses (1/1)

Actions | Allocate Elastic IP address

Filter Elastic IP addresses

1

Name	Allocated IPv4 addr...	Type	Allocation ID	Reverse DNS record
Elastic IP for VM database	54.166.252.19	Public IP	eipalloc-0b482d7e33b47415d	–

EC2 > Security Groups > sg-0c4175ffb1532a39b - launch-wizard-2 > Edit inbound rules

Edit inbound rules Info

Inbound rules control the incoming traffic that's allowed to reach the instance.

Inbound rules Info

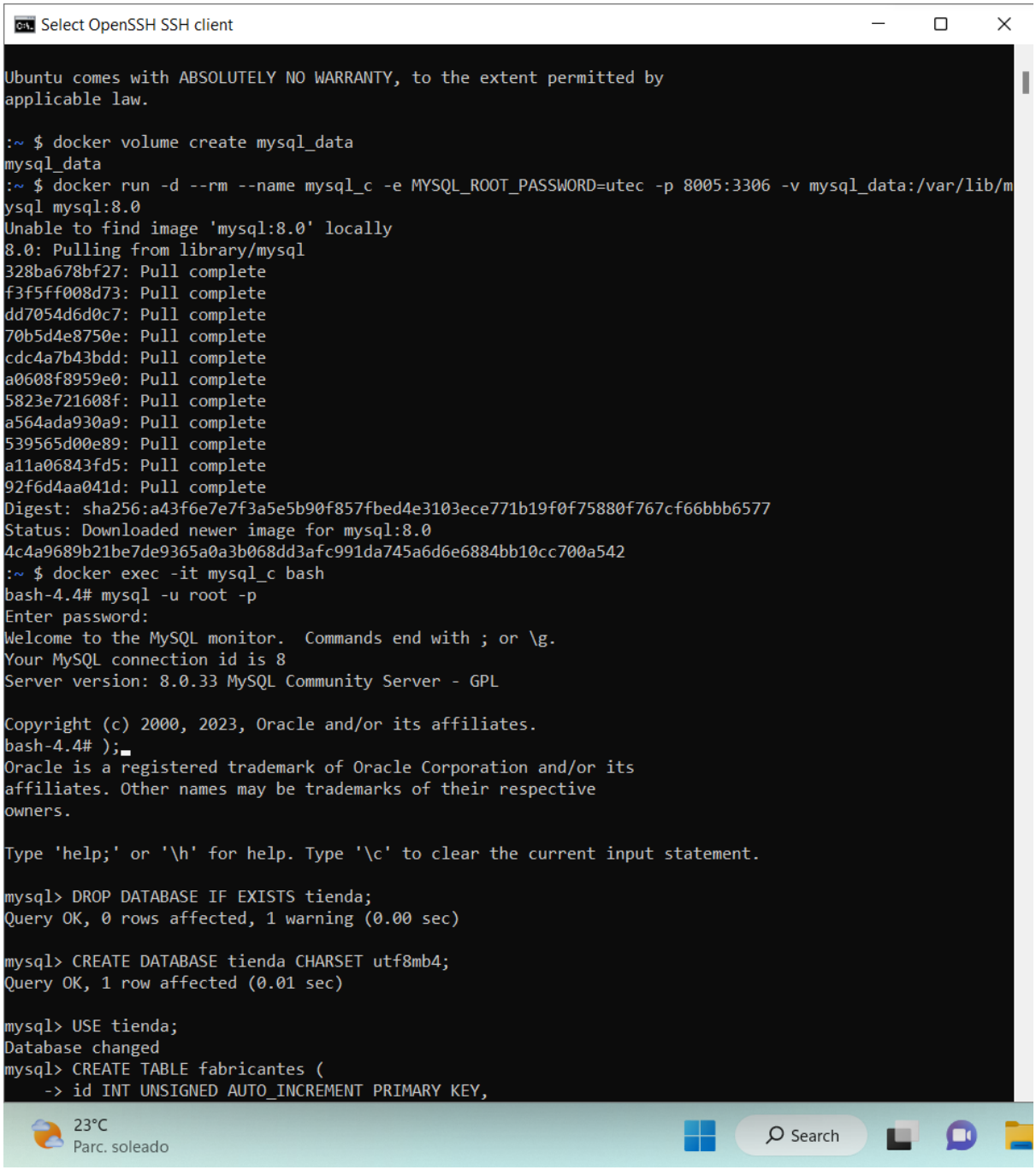
Security group rule ID	Type Info	Protocol Info	Port range Info	Source Info		Description - optional Info	
sgr-0ec3a1a8c3f515046	SSH	TCP	22	Custom	0.0.0.0/0		Delete
–	Custom TCP	TCP	8005	Anywh...	0.0.0.0/0		Delete

Add rule

Cancel | Preview changes | Save rules

Enter to the database

```
docker volume create mysql_data

docker run -d --rm --name mysql_c -e MYSQL_ROOT_PASSWORD=utec -p
8005:3306 -v mysql_data:/var/lib/mysql mysql:8.0

docker exec -it mysql_c bash

mysql -u root -p

SHOW DATABASES;

DROP DATABASE IF EXISTS tienda;

CREATE DATABASE tienda CHARSET utf8mb4;

USE tienda;

CREATE TABLE fabricantes (
      id INT UNSIGNED AUTO_INCREMENT PRIMARY KEY,
      nombre VARCHAR(100) NOT NULL
);

INSERT INTO fabricantes(nombre) VALUES('Asus');
...

SHOW TABLES;
```


Select OpenSSH SSH client
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.
:~ $ docker volume create mysql_data
mysql_data
:~ $ docker run -d --rm --name mysql_c -e MYSQL_ROOT_PASSWORD=utec -p 8005:3306 -v mysql_data:/var/lib/m
ysql mysql:8.0
Unable to find image 'mysql:8.0' locally
8.0: Pulling from library/mysql
328ba678bf27: Pull complete
f3f5ff008d73: Pull complete
dd7054d6d0c7: Pull complete
70b5d4e8750e: Pull complete
cdc4a7b43bdd: Pull complete
a0608f8959e0: Pull complete
5823e721608f: Pull complete
a564ada930a9: Pull complete
539565d00e89: Pull complete
a11a06843fd5: Pull complete
92f6d4aa041d: Pull complete
Digest: sha256:a43f6e7e7f3a5e5b90f857fbed4e3103ece771b19f0f75880f767cf66bbb6577
Status: Downloaded newer image for mysql:8.0
4c4a9689b21be7de9365a0a3b068dd3afc991da745a6d6e6884bb10cc700a542
:~ $ docker exec -it mysql_c bash
bash-4.4# mysql -u root -p
Enter password:
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.33 MySQL Community Server - GPL
Copyright (c) 2000, 2023, Oracle and/or its affiliates.
bash-4.4#);
Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> DROP DATABASE IF EXISTS tienda;
Query OK, 0 rows affected, 1 warning (0.00 sec)
mysql> CREATE DATABASE tienda CHARSET utf8mb4;
Query OK, 1 row affected (0.01 sec)
mysql> USE tienda;
Database changed
mysql> CREATE TABLE fabricantes (
    -> id INT UNSIGNED AUTO_INCREMENT PRIMARY KEY,
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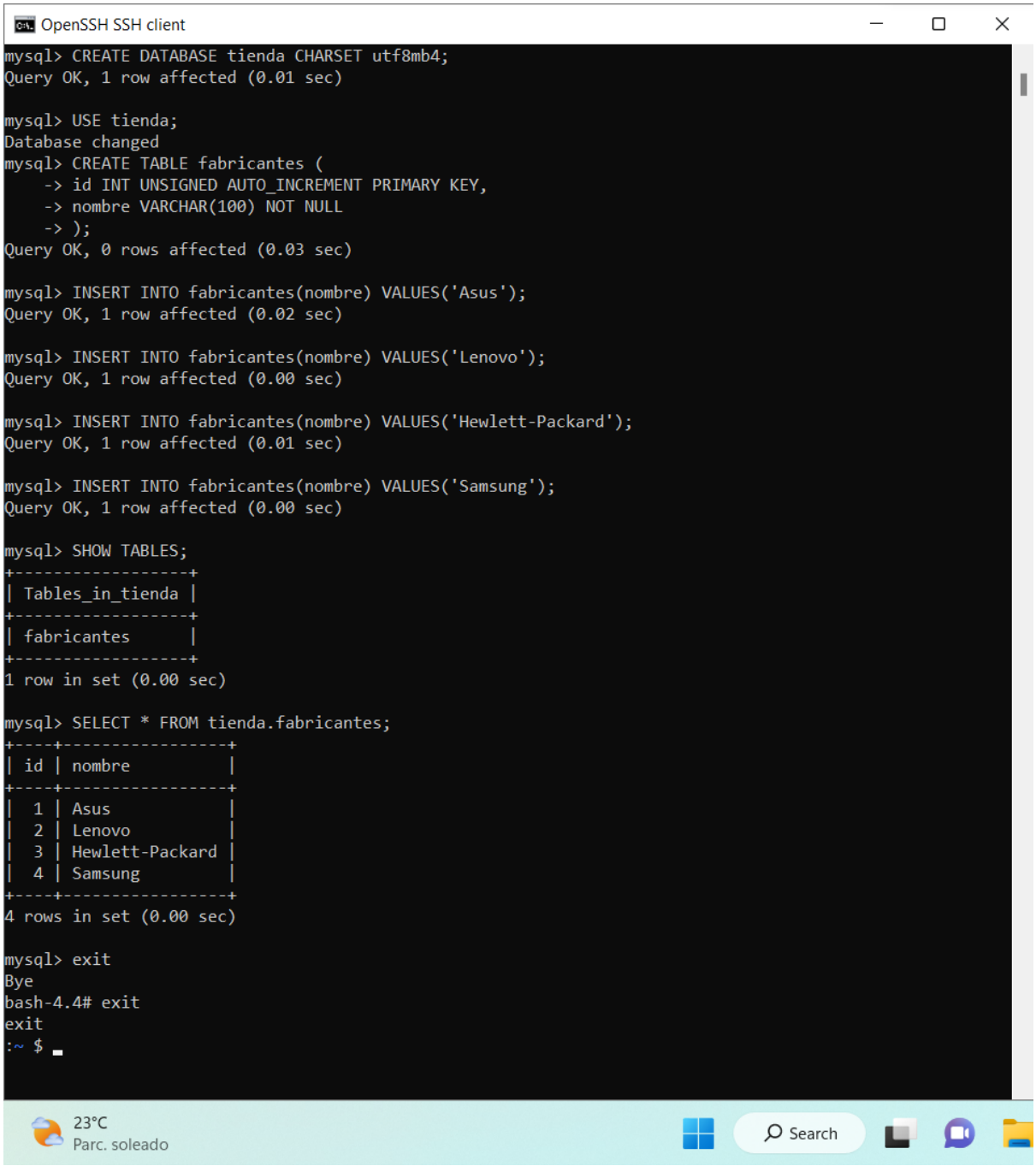
Parc. soleado
Search


OpenSSH SSH client
mysql> CREATE DATABASE tienda CHARSET utf8mb4;
Query OK, 1 row affected (0.01 sec)
mysql> USE tienda;
Database changed
mysql> CREATE TABLE fabricantes (
-> id INT UNSIGNED AUTO_INCREMENT PRIMARY KEY,
-> nombre VARCHAR(100) NOT NULL
->);
Query OK, 0 rows affected (0.03 sec)
mysql> INSERT INTO fabricantes(nombre) VALUES('Asus');
Query OK, 1 row affected (0.02 sec)
mysql> INSERT INTO fabricantes(nombre) VALUES('Lenovo');
Query OK, 1 row affected (0.00 sec)
mysql> INSERT INTO fabricantes(nombre) VALUES('Hewlett-Packard');
Query OK, 1 row affected (0.01 sec)
mysql> INSERT INTO fabricantes(nombre) VALUES('Samsung');
Query OK, 1 row affected (0.00 sec)
mysql> SHOW TABLES;
+-----------------+
| Tables_in_tienda |
+-----------------+
| fabricantes |
+-----------------+
1 row in set (0.00 sec)
mysql> SELECT * FROM tienda.fabricantes;
+----+----------------+
| id | nombre |
+----+----------------+
1	Asus
2	Lenovo
3	Hewlett-Packard
4	Samsung
+----+----------------+
4 rows in set (0.00 sec)
mysql> exit
Bye
bash-4.4# exit
exit
:~ $
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