UNIVERSIDAD AUTÓNOMA TOMAS FRÍAS FACULTAD CIENCIAS PURAS INGENIERIA INFORMÁTICA



Modulo 4 DevOps y Despliegue Examen 1

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POTOSI - BOLIVIA

 Crear un volumen para almacenar la información de la base de datos docker COMANDO CREAR NOMBRE-VOLUMEN =(Juan Jose Cervantes Aviles=> jjca-vol)

- 2. Montar la imagen de postgres
- 1. docker container run.....
- 1. -e POSTGRES PASSWORD=PassDocker

```
ssh ip172-18-0-42-d0v9ffk69qi000997ib0@direct.labs.play

DELETE DITOR

Bee 'docker run --help'.

Incdel] (local) root@192.168.0.63 ~

Gocker run -d --nsme postgres-db -e POSTGRES_PASSWORD=PassDocker -v mcpc-vol:/var/lib/postrgresql/dat postgres
Inknown flag: -nsme

Bee 'docker run --help'.

Incdel] (local) root@192.168.0.63 ~

Gocker run -d --name postgres-db -e POSTGRES_PASSWORD=PassDocker -v mcpc-vol:/var/lib/postrgresql/dat postgres

Inable to find image 'postgres:latest' locally latest: Pulling from library/postgres

Sl320b01ae5e: Pull complete

Sdb9b37be7c3: Pull complete

S9a82aed48d7: Pull complete

S2708ffde046: Pull complete
```

2. -v postgres-db:/PATH/DE/L-/BASE/DE/DATOS (esto verificar en Dockerhub)

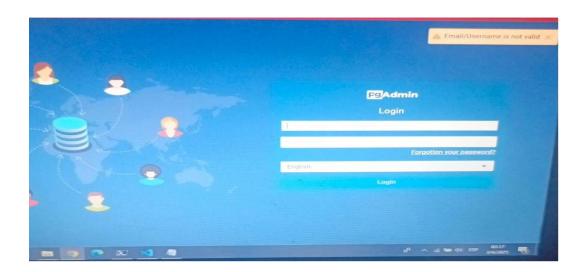
```
bd1fa28722bb: Pull complete
410cd7ec9a40: Pull complete
475b0e32b814: Pull complete
e7aba16d6a5e: Pull complete
89ba8b615fa9: Pull complete
82697a7976df: Pull complete
7e11eb1421f3: Pull complete
2bb588ce4e67: Pull complete
Digest: sha256:6efd0df010dc3cb40d5e33e3ef84acecc5e73161bd3df06029ee8698e5e12c60
Status: Downloaded newer image for postgres:latest
3159512bbcbb658762a8b2c5981834770f9f5e6c9ebc67a0830beaff37delb7e
       | (local) root@192.168.0.63 ~
$ docker ps
CONTAINER ID
               IMAGE
                             COMMAND
                                                           CREATED
                                                                               STATUS
                                                                                                  PORTS
                                                                                                              NAMES
3159512bbcbb postgres "docker-entrypoint.s..." 36 seconds ago Up 35 seconds
                                                                                                 5432/tcp
                                                                                                              postgres
     1] (local) root@192.168.0.63 ~
```

- 3. Crear contenedor pgAdmin
- 1. docker container run
- --name pgAdmin
- -e PGADMIN_DEFAULT_PASSWORD=pass-pgAdmin
- -e PGADMIN_DEFAULT_EMAIL =correo@google.com
- -dp 8080:80

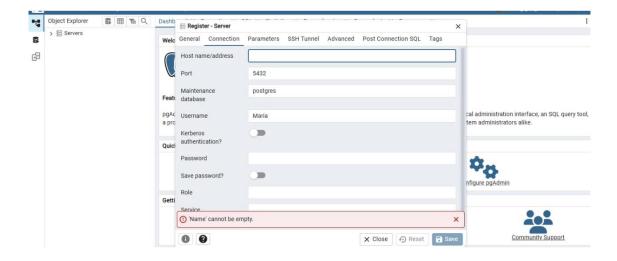
dpage/pgadmin4

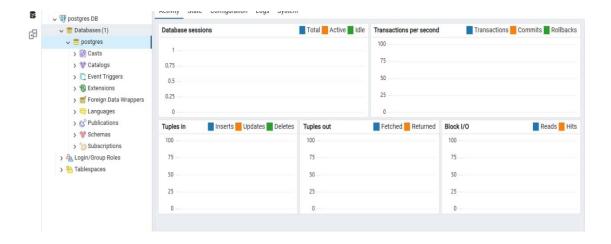
```
7elleb1421f3: Pull complete
2bb588ce4e67: Pull complete
Digest: sha256:6efd0df010dc3cb40d5e33e3ef84acecc5e73161bd3df06029ee8698e5e12c60
Status: Downloaded newer image for postgres:latest
0b4f2514bbd6e6d373b2b35782c97d749a358da547db9ba0b46197b65462fb17
    (local) root@192.168.0.13
$ docker container run --name pgAdmin -e PGADMIN_DEFAULT_PASSWORD=pass-pgAdmin -e PGADMIN_DEFAULT_EMAIL
-Maria@google.com -d -p 8080:80 dpage/pgadmin4
Unable to find image 'dpage/pgadmin4:latest' locally
latest: Pulling from dpage/pgadmin4
f18232174bc9: Pull complete
20690bbb262d: Pull complete
7c48c5894605: Pull complete
35d02455d858: Pull complete
19c31ea47cfb: Pull complete
9b4f03ce919b: Pull complete
```

4. Ingresar a pgAdmin con las credenciales









5. Conectar ambos contenedores a la red jjca-red

