EXAMEN 1 DOCKER

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1. Creando volumen y verificando la creación del volumen

2. Bajar imagen de postgres

3. Listar imágenes

4. Montando la imagen de postgres con sus variables de entorno

5. Verificando contenedor

6. Creando contenedor pgAdmin
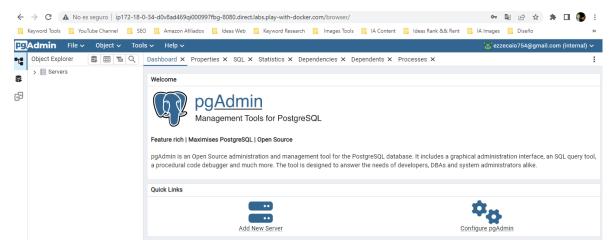


```
[node1] (local) root@192.168.0.28 ~
$ docker container run --name pgAdmin -dp 8080:80 -e PGADMIN_DEFAULT_PASSWORD=pass-pgAdmin -e PGADMIN_DEFAULT_EMAIL=ezzecaio754@gmail.com dpage/pgadmin4
Unable to find image 'dpage/pgadmin4:latest' locally
latest: Pulling from dpage/pgadmin4
f18232174bc9: Pull complete
20690bbb262d: Pull complete
7c48c5894605: Pull complete
35d02455d858: Pull complete
19c31ea47cfb: Pull complete
9b4f03ce919b: Pull complete
```

7. Listando ambos contenedores postgres y pgAdmin


```
[node1] (local) root@192.168.0.28 ~
$ docker container ls
CONTAINER ID   IMAGE             COMMAND                 CREATED         STATUS          PORTS                                      NAMES
806a7d142f72   dpage/pgadmin4    "/entrypoint.sh"        3 minutes ago   Up 3 minutes    443/tcp, 0.0.0.0:8080->80/tcp              pgAdmin
55522da06440   postgres          "docker-entrypoint.s…"  8 minutes ago   Up 8 minutes    0.0.0.0:5432->5432/tcp                     postgres_db
[node1] (local) root@192.168.0.28 ~
$
```

8. Ingresando a pgAdmin

9. Ingresamos al Dasboard de pgAdmin con las credenciales ezzecaio754@gmail.com y password = pass-pgAdmin

10. Creando la red **ecp-red**

```
[node1] (local) root@192.168.0.28 ~
$ docker network create ecp-red
c482c304fa4e28a4c5291743dfe942c1275efaafc9958f06ff0f7e856a6cbcc6
[node1] (local) root@192.168.0.28 ~
$ []
```

11. Conectando los contenedores a la red **ecp-red**

```
$ docker network connect ecp-red postgres_db
[node1] (local) root@192.168.0.28 ~
$ docker network connect ecp-red pgAdmin
[node1] (local) root@192.168.0.28 ~
$ []
```

12. Inspeccionando las redes conectadas

```
        },
        "ConfigOnly": false,
        "Containers": {
            "55522da06440cd4a1d6c256cfd08a10ee1ffabd5b4d58833854a2503b3d8cdb9": {
                "Name": "postgres_db",
                "EndpointID": "be01fa2b98297ff8dd1eff9f5bc5880ad5e7446398872f12f8a87624c27bed3c",
                "MacAddress": "02:42:ac:14:00:02",
                "IPv4Address": "172.20.0.2/16",
                "IPv6Address": ""
            },
            "806a7d142f72b72b9ac4515adec7c89d8ed791b48b0a4e07204216ea55846916": {
                "Name": "pgAdmin",
                "EndpointID": "2c85c8f5e64a761d6f163ba11c1b1cb763fd85cfdc813fef6531ded021cd3a50",
                "MacAddress": "02:42:ac:14:00:03",
                "IPv4Address": "172.20.0.3/16",
                "IPv6Address": ""
            }
        },
        "Options": {},
        "Labels": {}
    }
```