

Examen 1

Nombre: Brolin Valverde Chambi

1. Crear un volumen para almacenar la información de la base de datos

docker COMANDO CREAR NOMBRE-VOLUMEN =(Juan Jose Cervantes Aviles=> jjca-vol)

```
D:\ (0.098s)
mkdir BrolinVExamen1

Directorio: D:\

Mode                LastWriteTime         Length Name
----                -
d-----          03/06/2025         0:26         BrolinVExamen1

D:\ (0.082s)
cd BrolinVExamen1
```

```
D:\BrolinVExamen1 (0.147s)
docker volume create bvch-vol
bvch-vol
```

2. Montar la imagen de postgres

docker container run.....

-e POSTGRES_PASSWORD=PassDocker

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

```
D:\BrolinVExamen1 (0.435s)
docker container run -d --name postgres-db -e POSTGRES_PASSWORD=PassDocker
-v bvch-vol:/var/lib/postgresql/data postgres
9abfb00df94bc201eda93fda58390abb75b21e6fa5ab7e429b3c21788b021e17
```

```

28708ff4e046: Pull complete
410cd7ec9a40: Pull complete
7c852ebdd63e: Pull complete
475b0e32b814: Pull complete
3db9b37be7c3: Pull complete
82697a7976df: Pull complete
7e11eb1421f3: Pull complete
89ba8b615fa9: Pull complete
6ce13d85dabe: Pull complete
2bb588ce4e67: Pull complete
bd1fa28722bb: Pull complete
e9a82aed48d7: Pull complete
e7aba16d6a5e: Pull complete
61320b01ae5e: Pull complete
Digest: sha256:6efd0df010dc3cb40d5e33e3ef84acecc5e73161bd3df06029ee8698e5
e12c60
Status: Downloaded newer image for postgres:latest
a1524472b30a834e9e9876be69293dd520c583f3184e1de78d1851ddfe03fd7b

```

3. Crear contenedor pgAdmin

docker container run

--name pgAdmin

-e PGADMIN_DEFAULT_PASSWORD=pass-pgAdmin

-e PGADMIN_DEFAULT_EMAIL=correo@google.com

-dp 8080:80

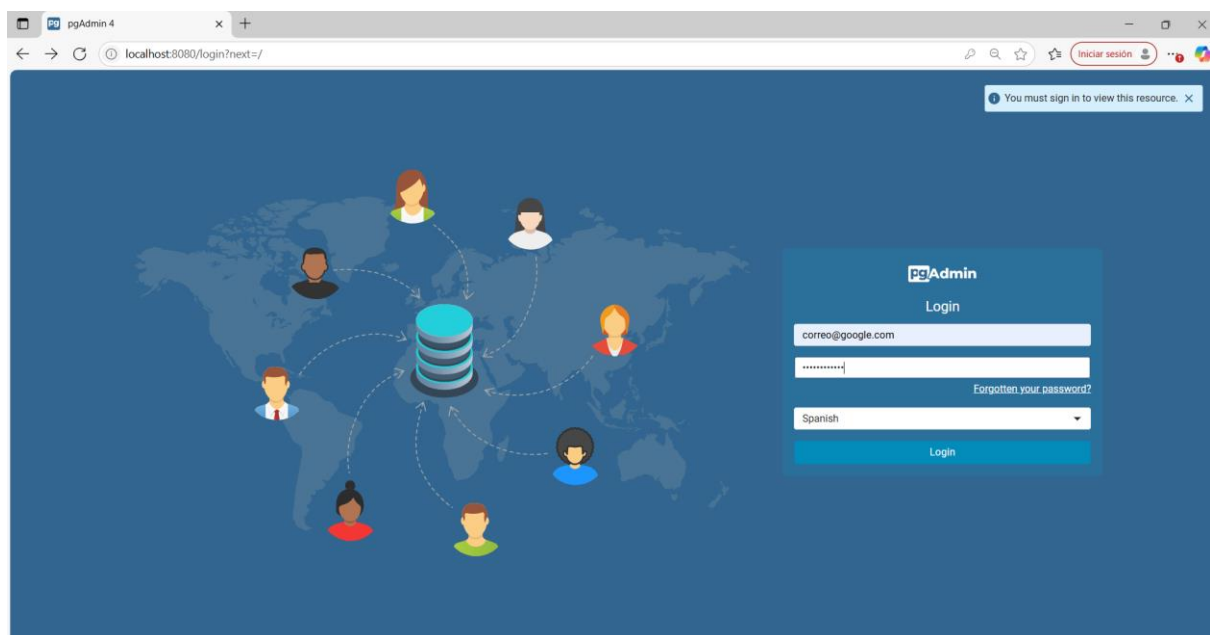
dpage/pgadmin4

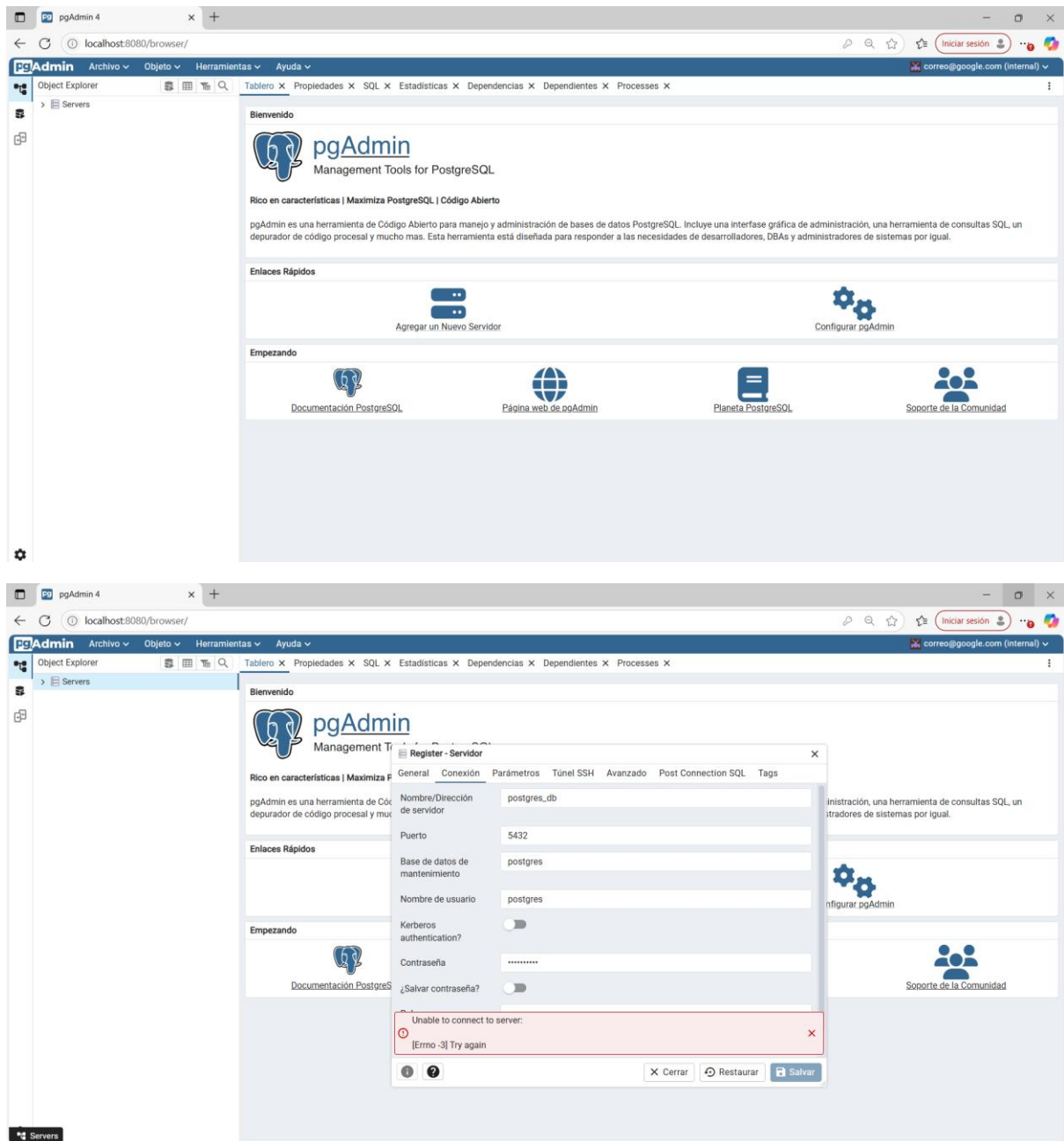
```

D:\BrolinVExamen1 (0.652s)
docker run -d --name pgAdminn -e PGADMIN_DEFAULT_EMAIL=correo@google.com
-e PGADMIN_DEFAULT_PASSWORD=pass-pgAdmin -p 8080:80 dpage/pgadmin4
d9d3ee4df41ea613162f67f129a05872082256f4c8844964b6d891593fce7cb2

```

4. Ingresar a pgAdmin con las credenciales





5. Conectar ambos contenedores a la red jjca-red

```
D:\BrolinVExamen1 (0.235s)
docker network create bvch-red
84416b9e9f61345752939dfefb97cffffeb382a7f12053ac75487d69faf1d711b4
```

D:\BrolinVExamen1 (0.242s)

docker network connect bvch-red postgres-db

D:\BrolinVExamen1 (0.223s)

docker network connect bvch-red pgAdminn

D:\BrolinVExamen1 (0.223s)
docker inspect bvch-red

```
    }  
  },  
  "Internal": false,  
  "Attachable": false,  
  "Ingress": false,  
  "ConfigFrom": {  
    "Network": ""  
  },  
  "ConfigOnly": false,  
  "Containers": {  
    "9abfb00df94bc201eda93fda58390abb75b21e6fa5ab7e429b3c21788b02  
1e17": {  
      "Name": "postgres-db",  
      "EndpointID": "6eb512d280f85648e8d5e2c627fb3366b138798d32  
76fd32f551587e02e8a09d",  
      "MacAddress": "82:8f:70:2f:b6:29",  
      "IPv4Address": "172.19.0.2/16",  
      "IPv6Address": ""  
    },  
    "d9d3ee4df41ea613162f67f129a05872082256f4c8844964b6d891593fce  
7cb2": {  
      "Name": "pgAdminn",  
      "EndpointID": "9a978d5ebf3a31012b5a4f30ca2dd8effe314b4fae  
0420639e6d5618d4a562be",  
      "MacAddress": "4e:aa:9a:19:a3:50",  
      "IPv4Address": "172.19.0.3/16",  
      "IPv6Address": ""  
    }  
  },  
  "Options": {
```

