

Atividade 06

Aluno: Kauã Sousa de Oliveira

```
1 version: '3'
2
3 services:
4   teste-postgres-compose:
5     image: postgres
6     environment:
7       POSTGRES_PASSWORD: "Postgres2025!"
8     ports:
9       - "15432:5432"
10    volumes:
11      - /home/renatogroffe/Desenvolvimento/Docker-Compose/PostgreSQL:/var/lib/postgresql/data
12    networks:
13      - postgres-compose-network
14
15   teste-pgadmin-compose:
16     image: dpage/pgadmin4
17     environment:
18       PGADMIN_DEFAULT_EMAIL: "kaua.sousa63@aluno.ifce.edu.br"
19       PGADMIN_DEFAULT_PASSWORD: "PgAdmin2025!"
20     ports:
21       - "16543:80"
22     depends_on:
23       - teste-postgres-compose
24     networks:
25       - postgres-compose-network
26
27 networks:
28   postgres-compose-network:
29     driver: bridge
```

docker-compose.yml (editado no vim)

```
$ sudo docker-compose up -d
WARNING[0000] /root/atividade/docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion
[+] Running 7/32
[+] Running 13/32-compose [ ] Pulling 4.0s
[+] Running 18/32-compose [ ] Pulling 5.3s
[+] Running 25/32-compose [ ] Pulling 6.9s
[+] Running 28/32-compose [ ] Pulling 4.7s
[+] Running 28/32-compose [ ] Pulling 5.1s
[+] Running 32/32-compose [ ] Pulling 14.4s
[+] Running 32/32-compose [ ] Pulling 20.7s
[+] Running 32/32-compose [ ] Pulling 30.6s
[+] Running 32/32-compose [ ] Pulling 10.2s
[+] Running 32/32-compose [ ] Pulling 10.3s
[+] Running 32/32-compose [ ] Pulling 10.5s
[+] Running 32/32-compose [ ] Pulling 11.0s
[+] Running 32/32-compose [ ] Pulling 12.5s
[+] Running 32/32-compose [ ] Pulling 13.0s
[+] Running 32/32-compose [ ] Pulling 13.0s
[+] Running 32/32-compose [ ] Pulling 13.2s
[+] Running 32/32-compose [ ] Pulling 28.1s
[+] Running 32/32-compose [ ] Pulling 28.1s
[+] Running 32/32-compose [ ] Pulling 28.2s
[+] Running 32/32-compose [ ] Pulling 28.2s
[+] Running 32/32-compose [ ] Pulling 28.3s
[+] Running 32/32-compose [ ] Pulling 28.4s
[+] Running 32/32-compose [ ] Pulling 42.8s
[+] Running 32/32-compose [ ] Pulling 1.1s
[+] Running 32/32-compose [ ] Pulling 32.1s
[+] Running 32/32-compose [ ] Pulling 32.4s
[+] Running 32/32-compose [ ] Pulling 32.4s
[+] Running 32/32-compose [ ] Pulling 32.5s
[+] Running 32/32-compose [ ] Pulling 32.6s
[+] Running 32/32-compose [ ] Pulling 32.7s
[+] Running 32/32-compose [ ] Pulling 32.7s
[+] Running 32/32-compose [ ] Pulling 35.7s
[+] Running 32/32-compose [ ] Pulling 37.3s
[+] Running 32/32-compose [ ] Pulling 37.3s
[+] Running 32/32-compose [ ] Pulling 37.3s
[+] Running 32/32-compose [ ] Pulling 37.4s
[+] Running 32/32-compose [ ] Pulling 37.5s
[+] Running 32/32-compose [ ] Pulling 40.6s
[+] Running 3/3
[+] Network atividade_postgres-compose-network Created 0.1s
[+] Container atividade-teste-postgres-compose-1 Started 0.9s
[+] Container atividade-teste-pgadmin-compose-1 Started 1.3s
```

Criação da network e dos containers

```
[node1] (local) root@192.168.0.13 ~/atividade
$ sudo docker network ls
NETWORK ID          NAME                                     DRIVER              SCOPE
9cd59ff44257        atividade_postgres-compose-network    bridge              local
b6f015b9ca83        bridge                                bridge              local
c281b56e8e66        host                                  host                local
66656df78941        none                                  null                local
```

Vendo as networks do docker

```
$ sudo docker-compose ps
WARN[0000] /root/atividade/docker-compose.yml: the attribute 'version' is obsolete, it will be ignored, please remove it to avoid potential confusion
NAME                                IMAGE                COMMAND              SERVICE               CREATED             STATUS              PORTS
atividade-teste-pgadmin-compose-1   dpape/pgadmin4      "/entrypoint.sh"     teste-pgadmin-compose 3 minutes ago       Up 3 minutes        443/tcp, 0.0.0.0:16543->80/tcp
atividade-teste-postgres-compose-1   postgres            "docker-entrypoint.s" teste-postgres-compose 3 minutes ago       Up 3 minutes        0.0.0.0:15432->5432/tcp
```

Containers em execução

```
[node1] (local) root@192.168.0.13 /home
$ cd /home/renatogroffe/Desenvolvimento/Docker-Compose/PostgreSQL
[node1] (local) root@192.168.0.13 /home/renatogroffe/Desenvolvimento/Docker-Compose/PostgreSQL
$ ls -la
total 12
drwxr-xr-x 2 root root 4096 Nov 14 19:58 .
drwxr-xr-x 3 root root 4096 Nov 14 19:58 ..
-rw-r--r-- 1 root root  125 Nov 14 19:58 global
-rw-r--r-- 1 root root  125 Nov 14 19:58 pg_commit_ts
-rw-r--r-- 1 root root  125 Nov 14 19:58 pg_dynshmem
-rw-r--r-- 1 root root  125 Nov 14 19:58 pg_hba.conf
-rw-r--r-- 1 root root  125 Nov 14 19:58 pg_ident.conf
-rw-r--r-- 1 root root  125 Nov 14 19:58 pg_logical
-rw-r--r-- 1 root root  125 Nov 14 19:58 pg_multixact
-rw-r--r-- 1 root root  125 Nov 14 19:58 pg_notify
-rw-r--r-- 1 root root  125 Nov 14 19:58 pg_replslot
-rw-r--r-- 1 root root  125 Nov 14 19:58 pg_serial
-rw-r--r-- 1 root root  125 Nov 14 19:58 pg_snapshots
-rw-r--r-- 1 root root  125 Nov 14 19:58 pg_stat
-rw-r--r-- 1 root root  125 Nov 14 19:58 pg_stat_tmp
-rw-r--r-- 1 root root  125 Nov 14 19:58 pg_subtrans
-rw-r--r-- 1 root root  125 Nov 14 19:58 pg_tblspc
-rw-r--r-- 1 root root  125 Nov 14 19:58 pg_twophase
-rw-r--r-- 1 root root  125 Nov 14 19:58 pg_wal
-rw-r--r-- 1 root root  125 Nov 14 19:58 pg_xact
-rw-r--r-- 1 root root  125 Nov 14 19:58 postgresql.auto.conf
-rw-r--r-- 1 root root  125 Nov 14 19:58 postgresql.conf
-rw-r--r-- 1 root root  125 Nov 14 19:58 postmaster.opts
-rw-r--r-- 1 root root  125 Nov 14 19:58 postmaster.pid
```

Arquivos gerados pelo postgresql

03:38:58

CLOSE SESSION

Instances

+ ADD NEW INSTANCE

192.168.0.13
node1

GIVE FEEDBACK

cu8demgl_cu8dhiim2rg008pgjq0

IP
192.168.0.13

OPEN PORT
16543 15432

Memory
12.61% (504.4MiB / 3.906GiB)

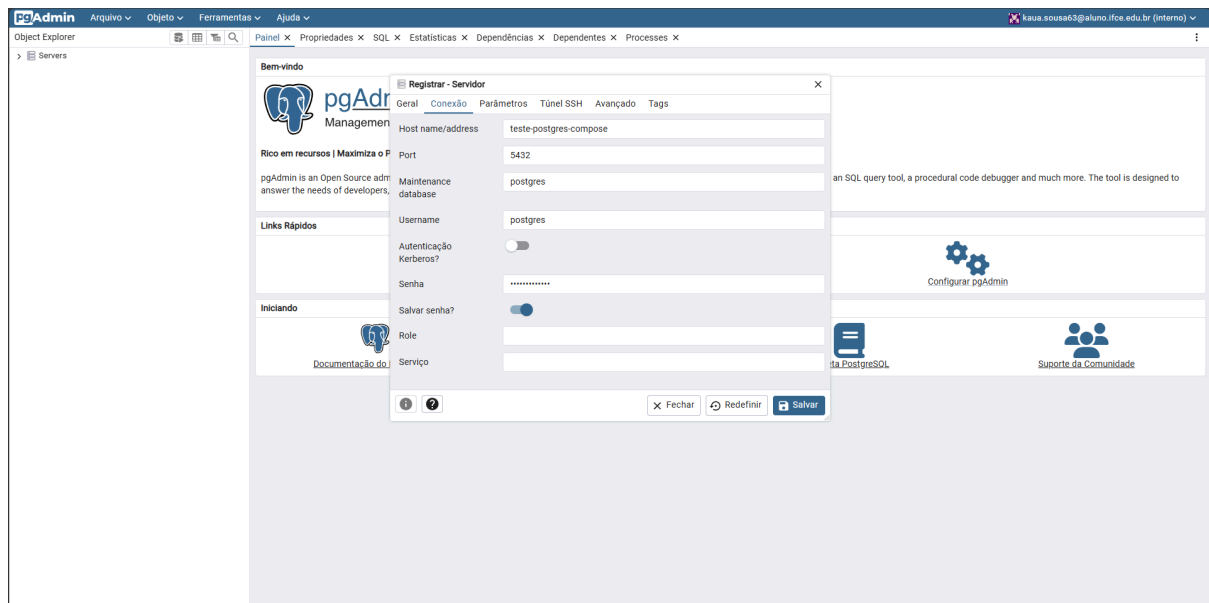
CPU
0.28%

SSH
ssh ip172-18-0-64-cu8demgl2o9000aiv10g@direct.labs.pls

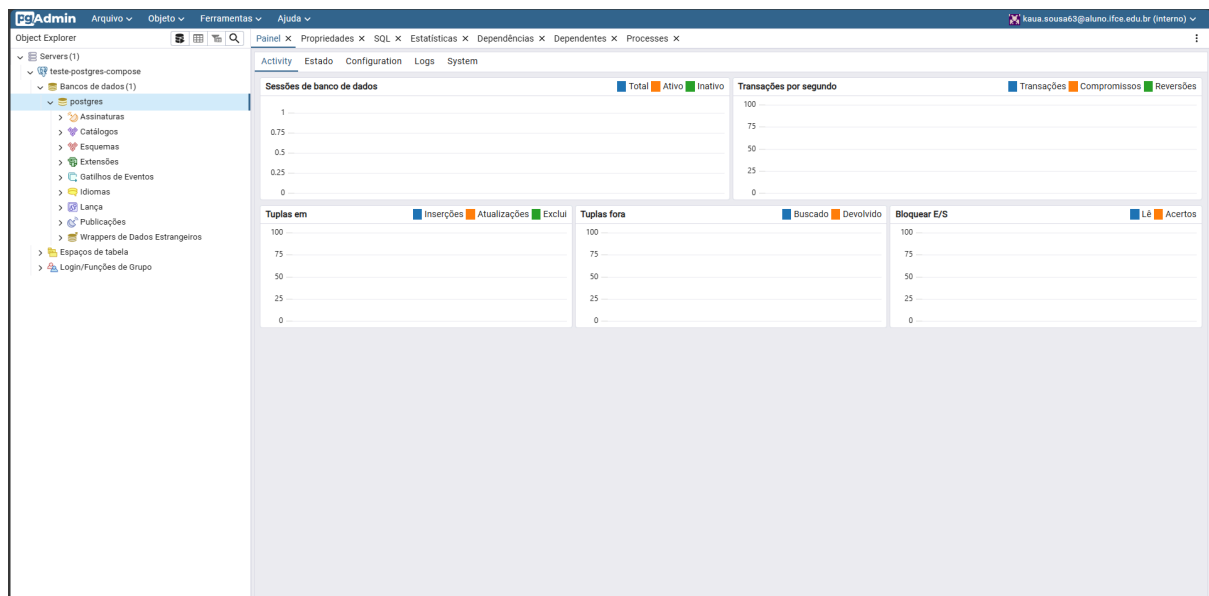
DELETE EDITOR

```
#####
# WARNING!!!!
# This is a sandbox environment. Using personal credentials
# is HIGHLY discouraged. Any consequences of doing so are
# completely the user's responsibilities.
#
# The FWD team.
#####
(node1) (local) root@192.168.0.13 ~
$ mkdir atividade
(node1) (local) root@192.168.0.13 ~
$ cd atividade
(node1) (local) root@192.168.0.13 ~/atividade
$ vi docker-compose.yml
[!]* Stopped          vi docker-compose.yml
(node1) (local) root@192.168.0.13 ~/atividade
$ vi docker-compose.yml
(node1) (local) root@192.168.0.13 ~/atividade
$ sudo docker-compose up -d
WARN[0000] /root/atividade/docker-compose.yml: the attribute 'version' is obsolete, it will be ignored, please remove it to avoid potential confusion
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[*] teste-postgres-compose [ ] Pulling 6.9s
[*] Running 25/32 Extracting [=====] 4.42MB/28.21MB 4.7s
[*] Running 28/32-compose [ ] Pulling 8.1s
[*] Running 28/32-compose [ ] 146.4MB / 153.8MB Pulling 14.4s
[*] Running 30/32-compose [ ] 149.4MB / 153.8MB Pulling 20.7s
[*] teste-postgres-compose Pulled 30.6s
  ✓ af302e5c37e9 Pull complete 10.2s
  ✓ 23d6180a1f67 Pull complete 10.2s
  ✓ dc53d82deeb3 Pull complete 10.9s
  ✓ aac09e638045 Pull complete 11.0s
  ✓ 4dd47a683737 Pull complete 12.5s
  ✓ 7cbbbe7849b3 Pull complete 13.0s
```

PlayWithDocker - porta 16543 aparece para acesso ao PgAdmin



Testando o ambiente por meio da porta aberta 16543



Conexão feita com sucesso ao postgres.