



INSTITUTO FEDERAL DE EDUCAÇÃO, CIÊNCIA E TECNOLOGIA DO CEARÁ
CAMPUS FORTALEZA
TELEMÁTICA

17/11/2023

Disciplina: **Administração de serviços de rede** (01.302.25)

Professor: **Ricardo Duarte Taveira**

Aluno: **Pablo Busatto** (mat. 20221013020042)

Avaliação 8 – Docker compose

Crie uma configuração usando o Docker compose. Use no mínimo dois serviços. Evidencie o arquivo `docker-compose` e o *print* da execução dos contêineres.

```
pablo@asr:~$ git clone https://github.com/docker/getting-started-app.git
Cloning into 'getting-started-app'...
remote: Enumerating objects: 68, done.
remote: Counting objects: 100% (22/22), done.
remote: Compressing objects: 100% (17/17), done.
remote: Total 68 (delta 6), reused 5 (delta 5), pack-reused 46
Receiving objects: 100% (68/68), 1.76 MiB | 5.17 MiB/s, done.
Resolving deltas: 100% (11/11), done.
pablo@asr:~/getting-started-app$ sudo nano compose.yaml
[sudo] password for pablo:
pablo@asr:~/getting-started-app$ cat compose.yaml
services:
  app:
    image: node:18-alpine
    command: sh -c "yarn install && yarn run dev"
    ports:
      - 127.0.0.1:3000:3000
    working_dir: /app
    volumes:
      - .:/app
    environment:
      MYSQL_HOST: mysql
      MYSQL_USER: root
      MYSQL_PASSWORD: secret
      MYSQL_DB: todos

  mysql:
    image: mysql:8.0
    volumes:
      - todo-mysql-data:/var/lib/mysql
    environment:
      MYSQL_ROOT_PASSWORD: secret
      MYSQL_DATABASE: todos

volumes:
  todo-mysql-data:
pablo@asr:~/getting-started-app$ sudo docker compose up -d
[+] Building 0.0s (0/0)
[+] Running 2/2
  ✓ Container getting-started-app-mysql-1 Running 0.0s
  ✓ Container getting-started-app-app-1 Started 0.5s
pablo@asr:~/getting-started-app$ sudo docker compose ps
NAME                IMAGE             COMMAND                  SERVICE    CREATED         ST
getting-started-app-app-1  node:18-alpine   "docker-entrypoint.s..."  app        36 seconds ago  Up
35 seconds        127.0.0.1:3000->3000/tcp
getting-started-app-mysql-1  mysql:8.0        "docker-entrypoint.s..."  mysql      45 minutes ago  Up
45 minutes        3306/tcp, 33060/tcp
pablo@asr:~/getting-started-app$
```