



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

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

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**Avaliação 8 – Dockerfile e Docker CLI**

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

```
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 | 2.83 MiB/s, done.
Resolving deltas: 100% (11/11), done.
gabrielsacr@asr:~$ cd getting-started-app
gabrielsacr@asr:~/getting-started-app$ sudo nano compose.yaml
[sudo] password for gabrielsacr:
gabrielsacr@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:
gabrielsacr@asr:~/getting-started-app$ sudo docker compose up -d
[+] Building 0.0s (0/0)
[+] Running 2/2
  ✓ Container getting-started-app-mysql-1 Started 0.0s
  ✓ Container getting-started-app-app-1 Started 3.0s
gabrielsacr@asr:~/getting-started-app$ sudo docker compose ps
NAME                                IMAGE                                COMMAND                                SERVICE    CREATED        ST
ATUS                                PORTS                                IMAGE                                COMMAND                                SERVICE    CREATED        ST
getting-started-app-app-1           node:18-alpine                     "docker-entrypoint.s..."           app        46 seconds ago Up
35 seconds 127.0.0.1:3000->3000/tcp
getting-started-app-mysql-1         mysql:8.0                           "docker-entrypoint.s..."           mysql      6 days ago    Up
35 seconds 3306/tcp, 33060/tcp
gabrielsacr@asr:~/getting-started-app$
```