

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

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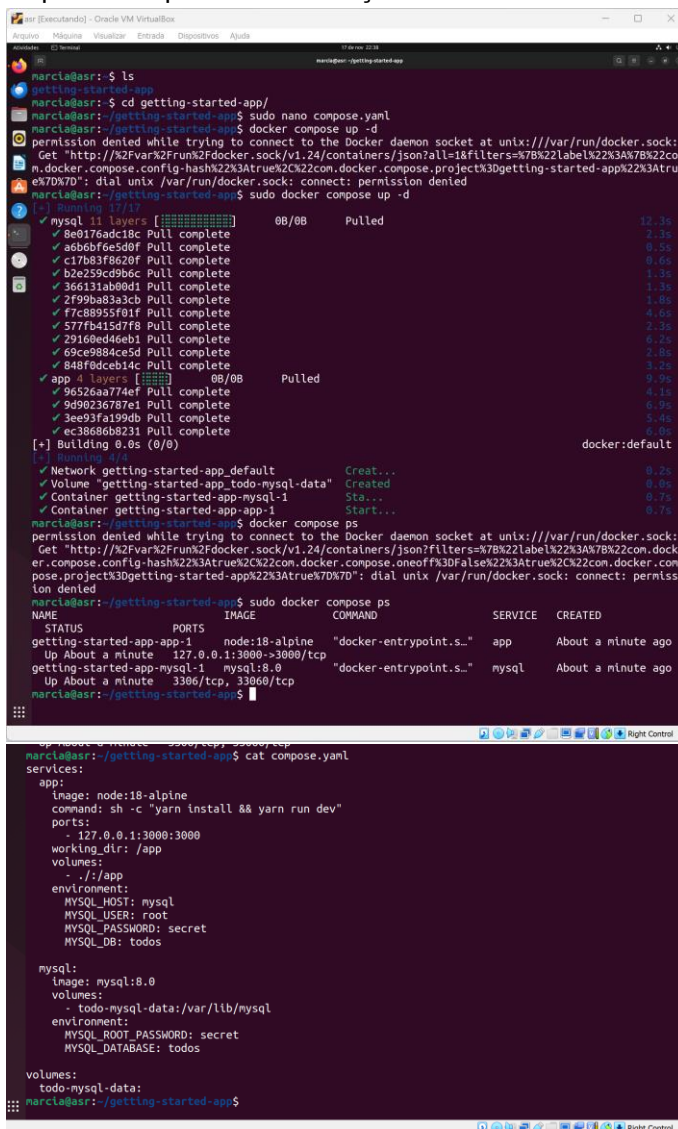
Disciplina: **Administração de serviços de rede** (01.302.25)

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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 containers.



```
marcia@asr:~$ ls
marcia@asr:~$ cd getting-started-app/
marcia@asr:~/getting-started-app$ sudo nano compose.yaml
marcia@asr:~/getting-started-app$ docker compose up -d
permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock:
Get "http://x2Fvar%2Frun%2Fdocker.sock/v1.24/containers/json?all=1&filters=%7B%22label%22%3A%7B%22co
m.docker.compose.config-hash%22%3Atrue%2C%22com.docker.compose.project%22%3Agetting-started-app%22%3Atru
e%7D%7D": dial unix /var/run/docker.sock: connect: permission denied
marcia@asr:~/getting-started-app$ sudo docker compose up -d
[+] Building 12/1s
mysql 11 layers [=====] 0B/0B Pulled
  8e0176adc18c Pull complete 12.3s
  a6b6bf6e5d0f Pull complete 2.3s
  c17b83f8620f Pull complete 0.5s
  b2e259cd9b6c Pull complete 0.6s
  366131ab00d1 Pull complete 1.3s
  2f99b8a3a3cb Pull complete 1.8s
  f7c88955f01f Pull complete 4.6s
  577fb415d7f8 Pull complete 2.3s
  29160ed46eb1 Pull complete 6.2s
  69ce9884ce5d Pull complete 2.8s
  848f9dceb14c Pull complete 3.2s
app 4 layers [=====] 0B/0B Pulled
  96526aa774ef Pull complete 4.1s
  9d90236787e1 Pull complete 6.9s
  3ee93fa199db Pull complete 5.4s
  ec38686b8231 Pull complete 6.0s
[+] Building 0.6s (0/0) docker:default
[+] Creating network
[+] Creating volume "getting-started-app_todo-mysql-data"
[+] Creating container getting-started-app-app-1
[+] Creating container getting-started-app-mysql-1
marcia@asr:~/getting-started-app$ docker compose ps
permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock:
Get "http://x2Fvar%2Frun%2Fdocker.sock/v1.24/containers/json?filters=%7B%22label%22%3A%7B%22com.docker
compose.config-hash%22%3Atrue%2C%22com.docker.compose.oneoff%22%3Afalse%22%3Atrue%2C%22com.docker.com
pose.project%22%3Agetting-started-app%22%3Atrue%7D%7D": dial unix /var/run/docker.sock: connect: permiss
ion denied
marcia@asr:~/getting-started-app$ sudo docker compose ps
NAME                STATUS                 PORTS                               COMMAND                                SERVICE    CREATED
getting-started-app-app-1 Up About a minute      127.0.0.1:3000->3000/tcp            "docker-entrypoint.s..."            app        About a minute ago
getting-started-app-mysql-1 Up About a minute      3306/tcp, 33060/tcp                "docker-entrypoint.s..."            mysql     About a minute ago
marcia@asr:~/getting-started-app$
marcia@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:
marcia@asr:~/getting-started-app$
```