



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

26/10/2023

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

Professor: **Ricardo Duarte Taveira**

Aluno: **Cícera Márcia da Fonseca Silva** (mat. 20222013020016)

**Avaliação 6 – Volumes no Docker**

Implementar a sequência de funcionalidades definidas no **Capítulo 4 Trabalhando com Volumes**. Evidenciar o funcionamento com prints executando a consulta ao banco de dados MySQL como apresentado no conteúdo.

```
#####
[node1] (local) root@192.168.0.28 ~
$ docker network create todo-app
67b862aaa54a534f13fa170b827626e0ccbb431e36a5bc41ee3761833a041841
[node1] (local) root@192.168.0.28 ~
$ docker run -d \
  --network todo-app --network-alias mysql \
  -v todo-mysql-data:/var/lib/mysql \
  -e MYSQL_ROOT_PASSWORD=secret \
  -e MYSQL_DATABASE=todos \
  mysql:8.0
Unable to find image 'mysql:8.0' locally
8.0: Pulling from library/mysql
9e0176adc18c: Pull complete
a6b6bf6e5d0f: Pull complete
c17b83f8620f: Pull complete
b2e259cd9b6e: Pull complete
366131ab00d1: Pull complete
2f99ba83a3cb: Pull complete
f7c88955f01f: Pull complete
577fb415d7f8: Pull complete
29160ed46eb1: Pull complete
69ce9884ce5d: Pull complete
948f0dceb14c: Pull complete
Digest: sha256:974cac08fff819ea2dfb83fed4d2eb5100bb79603aff6148bdc53d8be4895f3
Status: Downloaded newer image for mysql:8.0
f9442b45cdfd6dd515290fae68133a99346e0e9ced955817282eafa3909ca348
[node1] (local) root@192.168.0.28 ~
$ docker exec -it 67b mysql -u root -p
Error response from daemon: No such container: 67b
[node1] (local) root@192.168.0.28 ~
$ docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS                               NAMES
f9442b45cdfd   mysql:8.0  "docker-entrypoint.s..."  48 seconds ago Up 48 seconds  3306/tcp, 33060/tcp                festive_hoover
[node1] (local) root@192.168.0.28 ~
$ docker exec -it f94 mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.35 MySQL Community Server - GPL

Copyright (c) 2000, 2023, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> SHOW DATABASES;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sys |
| todos |
+-----+
5 rows in set (0.01 sec)

mysql> 
```