

Instituto Federal de Educação, Ciência e Tecnologia do Ceará
Departamento de Telemática - Sistemas Operacionais de Rede

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Avaliação 8

Implementação de um container ubuntu com mysql.

```
edesson@edesson: ~  
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edesson@edesson: ~  
edesson@edesson:~$ docker run -lt ubuntu/mysql  
Unable to find image 'ubuntu/mysql:latest' locally  
latest: Pulling from ubuntu/mysql  
897ac98ee6b5: Pull complete  
99acfd87998: Pull complete  
b0468473de8d: Pull complete  
7aa549c2ce74: Pull complete  
5f658a50f60c: Pull complete  
b1d45ec54838: Pull complete  
a9dbe2fb6237: Pull complete  
e72d298209f5: Pull complete  
Digest: sha256:5ae9d7889a18640a6390e281e57399588487d117c85c1e2585710eb907acd314  
Status: Downloaded newer image for ubuntu/mysql:latest  
2022-12-06 00:40:05+00:00 [Note] [Entrypoint]: Entrypoint script for MySQL Server started.  
2022-12-06 00:40:06+00:00 [Note] [Entrypoint]: Switching to dedicated user 'mysql'  
2022-12-06 00:40:06+00:00 [Note] [Entrypoint]: Entrypoint script for MySQL Server started.  
2022-12-06 00:40:06+00:00 [ERROR] [Entrypoint]: Database is uninitialized and password option is not specified  
You need to specify one of MYSQL_ROOT_PASSWORD, MYSQL_ALLOW_EMPTY_PASSWORD and MYSQL_RANDOM_ROOT_PASSWORD  
edesson@edesson:~$
```

Executando container e identificando endereço IP.

```
edesson@edesson: ~  
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edesson@edesson: ~  
edesson@edesson:~$ docker run -d -p 3306:3306 -e MYSQL_ROOT_PASSWORD=root ubuntu/mysql  
d23d22947dc868c0bd3c24f94fdff74766724f14d9b5884853da6f27e94ff049  
edesson@edesson:~$ docker ps  
CONTAINER ID   IMAGE     COMMAND                  CREATED      STATUS      PORTS                               NAMES  
d23d22947dc8   ubuntu/mysql  "docker-entrypoint.s..."  12 seconds ago  Up 7 seconds  0.0.0.0:3306->3306/tcp, :::3306->3306/tcp, 33060/tcp  fervent_aryabhata  
edesson@edesson:~$ docker inspect d23d22947dc8 | grep IPAddress  
    "SecondaryIPAddresses": null,  
    "IPAddress": "172.17.0.2",  
    "IPAddress": "172.17.0.2",  
edesson@edesson:~$
```

Teste de conexão no terminal do Linux.

```
edesson@edesson:~$ docker run -d -p 3306:3306 -e MYSQL_ROOT_PASSWORD=root ubuntu/mysql
d23d22947dc868c0bd3c24f94dff74766724f14d9b5884853da6f27e94ff049
edesson@edesson:~$ docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED      STATUS      PORTS                               NAMES
d23d22947dc8   ubuntu/mysql  "docker-entrypoint.s..." 12 seconds ago Up 7 seconds 0.0.0.0:3306->3306/tcp, :::3306->3306/tcp, 33060/tcp   fervent_aryabhata
edesson@edesson:~$ docker inspect d23d22947dc8 | grep IPAddress
      "SecondaryIPAddresses": null,
      "IPAddress": "172.17.0.2",
      "IPAddress": "172.17.0.2",
      "IPAddress": "172.17.0.2",
edesson@edesson:~$ mysql -h 172.17.0.2 -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.31-0ubuntu0.22.04.1 (Ubuntu)

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

mysql>
```

Teste de conexão no MySql Workbench no Windows.

