

## ATIVIDADE DE SISTEMAS OPERACIONAIS DE REDE II

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Período: P8

### - Dando PULL no MySQL:

```
ernesto@DESKTOP-F8DLV22: ~  
ernesto@DESKTOP-F8DLV22:~$ docker pull mysql  
Using default tag: latest  
latest: Pulling from library/mysql  
Digest: sha256:96439dd0d8d085cd90c8001be2c9dde07b8a68b472bd20efcbe3df78cff66492  
Status: Image is up to date for mysql:latest  
docker.io/library/mysql:latest  
ernesto@DESKTOP-F8DLV22:~$
```

### - Imagens:

```
ernesto@DESKTOP-F8DLV22: ~  
ernesto@DESKTOP-F8DLV22:~$ docker images  
REPOSITORY          TAG             IMAGE ID        CREATED         SIZE  
mysql                8.0             3842e9cdffd2    13 days ago    538MB  
mysql                latest          3842e9cdffd2    13 days ago    538MB  
ernesto@DESKTOP-F8DLV22:~$
```

### - Rodando o MySQL:

```
ernesto@DESKTOP-F8DLV22:~$ docker run -e MYSQL_ROOT_PASSWORD  
"docker run" requires at least 1 argument.  
See 'docker run --help'.  
  
Usage: docker run [OPTIONS] IMAGE [COMMAND] [ARG...]  
  
Run a command in a new container  
ernesto@DESKTOP-F8DLV22:~$ docker run -e MYSQL_ROOT_PASSWORD=root mysql  
2022-11-29 13:19:58+00:00 [Note] [Entrypoint]: Entrypoint script for MySQL Server 8.0.31-1.el8 started.  
2022-11-29 13:19:58+00:00 [Note] [Entrypoint]: Switching to dedicated user 'mysql'  
2022-11-29 13:19:58+00:00 [Note] [Entrypoint]: Entrypoint script for MySQL Server 8.0.31-1.el8 started.  
2022-11-29 13:19:58+00:00 [Note] [Entrypoint]: Initializing database files  
2022-11-29T13:19:58.788472Z 0 [Warning] [MY-011068] [Server] The syntax '--skip-host-cache' is deprecated and will be re  
moved in a future release. Please use SET GLOBAL host_cache_size=0 instead.  
2022-11-29T13:19:58.788548Z 0 [System] [MY-013169] [Server] /usr/sbin/mysqld (mysqld 8.0.31) initializing of server in p  
rogress as process 80  
2022-11-29T13:19:59.052209Z 1 [System] [MY-013576] [InnoDB] InnoDB initialization has started.  
2022-11-29T13:20:25.498946Z 1 [System] [MY-013577] [InnoDB] InnoDB initialization has ended.  
2022-11-29T13:21:39.294372Z 6 [Warning] [MY-010453] [Server] root@localhost is created with an empty password ! Please c  
onsider switching off the --initialize-insecure option.
```

```

2022-11-29T13:26:45.663588Z 0 [Warning] [MY-011068] [Server] The syntax '--skip-host-cache' is deprecated and will be removed in a future release. Please use SET GLOBAL host_cache_size=0 instead.
2022-11-29T13:26:45.664643Z 0 [System] [MY-010116] [Server] /usr/sbin/mysqld (mysqld 8.0.31) starting as process 1
2022-11-29T13:26:45.713669Z 1 [System] [MY-013576] [InnoDB] InnoDB initialization has started.
2022-11-29T13:26:52.121426Z 1 [System] [MY-013577] [InnoDB] InnoDB initialization has ended.
2022-11-29T13:27:01.264483Z 0 [Warning] [MY-010068] [Server] CA certificate ca.pem is self signed.
2022-11-29T13:27:01.264623Z 0 [System] [MY-013602] [Server] Channel mysql_main configured to support TLS. Encrypted connections are now supported for this channel.
2022-11-29T13:27:01.737416Z 0 [Warning] [MY-011810] [Server] Insecure configuration for --pid-file: Location '/var/run/mysqld' in the path is accessible to all OS users. Consider choosing a different directory.
2022-11-29T13:27:01.753271Z 0 [System] [MY-011323] [Server] X Plugin ready for connections. Bind-address: '::' port: 33060, socket: /var/run/mysqld/mysqld.sock
2022-11-29T13:27:01.753393Z 0 [System] [MY-010931] [Server] /usr/sbin/mysqld: ready for connections. Version: '8.0.31' socket: '/var/run/mysqld/mysqld.sock' port: 3306 MySQL Community Server - GPL.

```

## - Conectando com o banco de dados

```

ernesto@DESKTOP-F8DLV22:~$ docker inspect meu-mysql | grep IPAddress
    "SecondaryIPAddresses": null,
    "IPAddress": "172.17.0.2",
    "IPAddress": "172.17.0.2",
ernesto@DESKTOP-F8DLV22:~$

```

Gerenciador de sessões

Filter ...

Nome da sessão ^	Servi...
localhost	127.0...
Unnamed *	127.0...

Configurações Avançado SSL Estatísticas

Tipo de rede: MariaDB or MySQL (TCP/IP)

Library: libmariadb.dll

Servidor / IP: 172.17.0.2

☐ Solicitar as credenciais

☐ Usar a autenticação do Windows

Usuário: root

Senha: ●●●●

Porta: 3306

☐ Protocolo compactado entre cliente e ser

Bancos de dados: Separados por ponto e vírgula

Comentário:

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