

Avaliação 04 de Banco de Dados

Aluno: Fábio Rian Rodrigues Maia

Curso: P4 Informática

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[node3] (local) root@192.168.0.26 ~
$ docker run --name mysql-pwd -e MYSQL_ROOT_PASSWORD=senha_segura -p 3306:3306 -d mysql:latest
Unable to find image 'mysql:latest' locally
latest: Pulling from library/mysql
43c486e74c6d: Pull complete
86362e2a75e4: Pull complete
ba155de89fc7: Pull complete
1770ba94c103: Pull complete
d89ba43c350c: Pull complete
55f4efd3f008: Pull complete
e7b97b02f10e: Pull complete
2f44111e3dd4: Pull complete
545a2bff0604: Pull complete
958d7f5cf224: Pull complete
Digest: sha256:072f96c2f1ebb13f712fd88d0ef98f2ef9a52ad4163ae67b550ed6720b6d642e
Status: Downloaded newer image for mysql:latest
cf0c7ea37c32c91e09568ee69265c46cd553646e386b154820417d892fa20530
[node3] (local) root@192.168.0.26 ~
$ docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS                               NAMES
cf0c7ea37c32   mysql:latest   "docker-entrypoint.s..." 27 seconds ago Up 27 seconds 0.0.0.0:3306->3306/tcp, 33060/tcp   mysql-pwd
```

```
root@kali:~# docker logs mysql-pwd
2025-06-18 17:56:09400:00 [Note] [Entrypoint]: Entrypoint script for MySQL Server 9.3.0-1.el9 started.
2025-06-18 17:56:09400:00 [Warning] [Entrypoint]: Switching to dedicated user 'mysql'
2025-06-18 17:56:09400:00 [Note] [Entrypoint]: Entrypoint script for MySQL Server 9.3.0-1.el9 started.
2025-06-18 17:56:09400:00 [Note] [Entrypoint]: Initializing database files
2025-06-18T17:56:09.287324Z 0 [System] [MY-010107] [Server] MySQL Server Initialization -- start.
2025-06-18T17:56:09.287324Z 0 [System] [MY-010109] [Server] /usr/sbin/mysqld (mysqld 9.3.0) initializing server in progress as process 80
2025-06-18T17:56:09.297241Z 1 [System] [MY-013576] [InnoDB] InnoDB initialization has started.
2025-06-18T17:56:09.550178Z 1 [System] [MY-013577] [InnoDB] InnoDB initialization has ended.
2025-06-18T17:56:10.248107Z 6 [Warning] [MY-010453] [Server] root@localhost is created with an empty password! Please consider switching off the --initialize-insecure option.
2025-06-18T17:56:10.263172Z 0 [System] [MY-010109] [Server] MySQL Server Initialization -- end.
2025-06-18T17:56:12400:00 [Note] [Entrypoint]: Database files initialized
2025-06-18T17:56:12400:00 [Note] [Entrypoint]: Starting temporary server
2025-06-18T17:56:12400:00 [Note] [MY-010105] [Server] MySQL Server -- start.
2025-06-18T17:56:12.622762Z 0 [System] [MY-010116] [Server] /usr/sbin/mysqld (mysqld 9.3.0) starting as process 111
2025-06-18T17:56:12.643114Z 1 [System] [MY-013576] [InnoDB] InnoDB initialization has started.
2025-06-18T17:56:12.906361Z 1 [System] [MY-013577] [InnoDB] InnoDB initialization has ended.
2025-06-18T17:56:13.214172Z 0 [Warning] [MY-010068] [Server] CA certificate ca.pem is self signed.
2025-06-18T17:56:13.274262Z 0 [System] [MY-013602] [Server] Channel mysqld main configured to support TLS. Encrypted connections are now supported for this channel.
2025-06-18T17:56:13.276392Z 0 [Warning] [MY-011810] [Server] Insecure configuration for '--pid-file': Location '/var/run/mysql/' in the path is accessible to all OS users. Consider choosing a different directory.
2025-06-18T17:56:13.311332Z 0 [System] [MY-011223] [Server] A plugin ready for connections. Socket: /var/run/mysql/mysql.sock
2025-06-18T17:56:13.311502Z 0 [System] [MY-010331] [Server] /usr/sbin/mysqld: ready for connections. Version: '9.3.0' socket: '/var/run/mysql/mysql.sock' port: 0 MySQL Community Server - GPL.
2025-06-18T17:56:133400:00 [Note] [Entrypoint]: Temporary server started.
/var/lib/mysql/mysql.sock' -> "/var/run/mysql/mysql.sock"
Unable to load '/usr/share/zoneinfo/iso3166.tab' as time zone. Skipping it.
Warning: Unable to load '/usr/share/zoneinfo/leap-seconds.list' as time zone. Skipping it.
Warning: Unable to load '/usr/share/zoneinfo/leapseconds' as time zone. Skipping it.
Warning: Unable to load '/usr/share/zoneinfo/tzdata.zi' as time zone. Skipping it.
Warning: Unable to load '/usr/share/zoneinfo/zone.tab' as time zone. Skipping it.
Warning: Unable to load '/usr/share/zoneinfo/zone1970.tab' as time zone. Skipping it.
2025-06-18 17:56:16400:00 [Note] [Entrypoint]: Stopping temporary server
2025-06-18T17:56:16.185575Z 11 [System] [MY-013172] [Server] Received SHUTDOWN from user root. Shutting down mysqld (Version: 9.3.0).
2025-06-18T17:56:17.617243Z 0 [System] [MY-010910] [Server] /usr/sbin/mysqld: Shutdown complete (MySQL 9.3.0) MySQL Community Server - GPL.
2025-06-18T17:56:17.617283Z 0 [System] [MY-010101] [Server] MySQL Server -- end.
2025-06-18 17:56:18400:00 [Note] [Entrypoint]: Temporary server stopped
2025-06-18 17:56:18400:00 [Note] [Entrypoint]: MySQL init process done. Ready for start up.
2025-06-18T17:56:18.210809Z 0 [System] [MY-010105] [Server] MySQL Server -- start.
2025-06-18T17:56:18.507388Z 0 [System] [MY-010116] [Server] /usr/sbin/mysqld (mysqld 9.3.0) starting as process 1
2025-06-18T17:56:18.516523Z 1 [System] [MY-013576] [InnoDB] InnoDB initialization has started.
2025-06-18T17:56:18.764732Z 1 [System] [MY-013577] [InnoDB] InnoDB initialization has ended.
2025-06-18T17:56:19.003812Z 0 [Warning] [MY-010068] [Server] CA certificate ca.pem is self signed.
2025-06-18T17:56:19.081444Z 0 [System] [MY-013602] [Server] Channel mysqld main configured to support TLS. Encrypted connections are now supported for this channel.
2025-06-18T17:56:19.084040Z 0 [Warning] [MY-011810] [Server] Insecure configuration for '--pid-file': Location '/var/run/mysql/' in the path is accessible to all OS users. Consider choosing a different directory.
2025-06-18T17:56:19.084040Z 0 [System] [MY-011223] [Server] A plugin ready for connections. Bind-address: '*' port: 3306 socket: /var/run/mysql/mysql.sock
2025-06-18T17:56:19.121531Z 0 [System] [MY-010331] [Server] /usr/sbin/mysqld: ready for connections. Version: '9.3.0' socket: '/var/run/mysql/mysql.sock' port: 3306 MySQL Community Server - GPL.
```

```
[node3] (local) root@192.168.0.26 ~
$ docker exec -it mysql-pwd mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 9
Server version: 9.3.0 MySQL Community Server - GPL

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owners.

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

mysql> CREATE DATABASE meubanco;
Query OK, 1 row affected (0.004 sec)

mysql> USE meubanco;
Database changed
mysql> CREATE TABLE usuarios (id INT AUTO_INCREMENT PRIMARY KEY, nome VARCHAR(50));
Query OK, 0 rows affected (0.009 sec)

mysql> INSERT INTO usuarios (nome) VALUES ('Joo'), ('Maria');
Query OK, 2 rows affected (0.011 sec)
Records: 2  Duplicates: 0  Warnings: 0
```

```
mysql> USE meubanco;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> SELECT * FROM usuarios;
+-----+
| id | nome |
+-----+
| 1 | Joo |
| 2 | Maria |
+-----+
2 rows in set (0.000 sec)

mysql> SELECT nome FROM usuarios;
+-----+
| nome |
+-----+
| Joo |
| Maria |
+-----+
2 rows in set (0.000 sec)
```