

```
svlight@gb-linux:~$ sudo docker run --name test-mariadb-new-1 -e MARIADB_ROOT_PASSWORD=test123 -v ./mydb:/var/lib/mysql
-d mariadb:10.10.2
Unable to find image 'mariadb:10.10.2' locally
10.10.2: Pulling from library/mariadb
10ac4908093d: Pull complete
44779101e748: Pull complete
a721db3e3f3d: Pull complete
1850a929b84a: Pull complete
397a918c7da3: Pull complete
806be17e856d: Pull complete
634de6c90876: Pull complete
cd00854cfb1a: Pull complete
Digest: sha256:bfc25a68e113de43d0d112f5a7126df8e278579c3224e3923359e1c1d8d5ce6e
Status: Downloaded newer image for mariadb:10.10.2
329aa8d03074f23fe2e695f4c25c740d0c6397485d647d166c369c52c1e8a20a
svlight@gb-linux:~$
```

```
svlight@gb-linux:~$ sudo docker ps
```

| CONTAINER ID | IMAGE | COMMAND | CREATED | STATUS | PORTS | NAMES |
|--------------|-----------------|--------------------------|--------------------|-------------------|----------|------------|
| 329aa8d03074 | mariadb:10.10.2 | "docker-entrypoint.s..." | About a minute ago | Up About a minute | 3306/tcp | test-maria |

```
db-new-1
svlight@gb-linux:~$
```

```

svlight@gb-linux:~$ sudo docker exec -it test-mariadb-new-1 bash
root@329aa8d03074:/# ls -l
total 56
lrwxrwxrwx    1 root root    7 Jan 26  2023 bin -> usr/bin
drwxr-xr-x    2 root root 4096 Apr 18  2022 boot
drwxr-xr-x    5 root root  340 May 22 20:20 dev
drwxr-xr-x    2 root root 4096 Jan 31  2023 docker-entrypoint-initdb.d
drwxr-xr-x    1 root root 4096 May 22 20:20 etc
drwxr-xr-x    2 root root 4096 Apr 18  2022 home
lrwxrwxrwx    1 root root    7 Jan 26  2023 lib -> usr/lib
lrwxrwxrwx    1 root root    9 Jan 26  2023 lib32 -> usr/lib32
lrwxrwxrwx    1 root root    9 Jan 26  2023 lib64 -> usr/lib64
lrwxrwxrwx    1 root root   10 Jan 26  2023 libx32 -> usr/libx32
drwxr-xr-x    2 root root 4096 Jan 26  2023 media
drwxr-xr-x    2 root root 4096 Jan 26  2023 mnt
drwxr-xr-x    2 root root 4096 Jan 26  2023 opt
dr-xr-xr-x 320 root root    0 May 22 20:20 proc
drwx-----   1 root root 4096 Jan 31  2023 root
drwxr-xr-x    1 root root 4096 Jan 31  2023 run
lrwxrwxrwx    1 root root    8 Jan 26  2023 sbin -> usr/sbin
drwxr-xr-x    2 root root 4096 Jan 26  2023 srv
dr-xr-xr-x   13 root root    0 May 22 20:20 sys
drwxrwxrwt    1 root root 4096 May 22 20:20 tmp
drwxr-xr-x    1 root root 4096 Jan 26  2023 usr
drwxr-xr-x    1 root root 4096 Jan 26  2023 var
root@329aa8d03074:/# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 3
Server version: 10.10.2-MariaDB-1:10.10.2+maria~ubu2204 mariadb.org binary distribution
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sys |
+-----+
4 rows in set (0.001 sec)

MariaDB [(none)]>

```

```
root@329aa8d03074:/# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 3
Server version: 10.10.2-MariaDB-1:10.10.2+maria~ubu2204 mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
```

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

```
MariaDB [(none)]> show databases;
```

| Database |
|--------------------|
| information_schema |
| mysql |
| performance_schema |
| sys |

```
4 rows in set (0.001 sec)
```

```
MariaDB [(none)]> CREATE DATABASE GB;
```

```
Query OK, 1 row affected (0.001 sec)
```

```
MariaDB [(none)]> show databases;
```

| Database |
|--------------------|
| GB |
| information_schema |
| mysql |
| performance_schema |
| sys |

```
5 rows in set (0.004 sec)
```

```
MariaDB [(none)]>
```

```
svlight@gb-linux:~$ ls -l mydb/
total 139376
-rw-rw---- 1 vboxadd vboxsf 16842752 мая 22 23:20 aria_log.00000001
-rw-rw---- 1 vboxadd vboxsf      52 мая 22 23:20 aria_log_control
-rw-rw---- 1 vboxadd vboxsf      9 мая 22 23:20 ddl_recovery.log
drwx----- 2 vboxadd vboxsf  4096 мая 22 23:29 GB
-rw-rw---- 1 vboxadd vboxsf    868 мая 22 23:20 ib_buffer_pool
-rw-rw---- 1 vboxadd vboxsf 12582912 мая 22 23:20 ibdata1
-rw-rw---- 1 vboxadd vboxsf 100663296 мая 22 23:22 ib_logfile0
-rw-rw---- 1 vboxadd vboxsf 12582912 мая 22 23:20 ibtmp1
-rw-rw---- 1 vboxadd vboxsf      0 мая 22 23:20 multi-master.info
drwx----- 2 vboxadd vboxsf  4096 мая 22 23:20 mysql
-rw-r--r-- 1 vboxadd vboxsf    15 мая 22 23:20 mysql_upgrade_info
drwx----- 2 vboxadd vboxsf  4096 мая 22 23:20 performance_schema
drwx----- 2 vboxadd vboxsf  12288 мая 22 23:20 sys
svlight@gb-linux:~$
```

```

svlight@gb-linux:~$ sudo docker run --name my-phpmyadmin-new-2 -d --link test-mariadb-new-1:db -p 8081:80 phpmyadmin/phpmyadmin
[sudo] password for svlight:
Unable to find image 'phpmyadmin/phpmyadmin:latest' locally
latest: Pulling from phpmyadmin/phpmyadmin
faef57eae888: Pull complete
989a1d6c052e: Pull complete
0705c9c2f22d: Pull complete
621478e043ce: Pull complete
98246dcca987: Pull complete
bfed8c155cb6: Pull complete
7a7c2e908867: Pull complete
d176994b625c: Pull complete
2d8ace6a2716: Pull complete
c70df516383c: Pull complete
15e1b44fe4c7: Pull complete
65e50d44e95a: Pull complete
77f68910bc0a: Pull complete
605dd3a6e332: Pull complete
99ce27188f07: Pull complete
74d64e32c5d5: Pull complete
ef5fc9928b9f: Pull complete
163f3256e112: Pull complete
Digest: sha256:67ba2550fd004399ab0b95b64021a88ea544011e566a9a1995180a3dec6410d
Status: Downloaded newer image for phpmyadmin/phpmyadmin:latest
3c094987855d712efccbde6b49807d3c03ad03cc95cdb13331c759b1d1ac1ded
svlight@gb-linux:~$ sudo docker ps

```

| CONTAINER ID | IMAGE | COMMAND | CREATED | STATUS | PORTS |
|--------------|-----------------------|--------------------------|----------------|---------------|-------------------------|
| 3c094987855d | phpmyadmin/phpmyadmin | "/docker-entrypoint...." | 18 seconds ago | Up 16 seconds | 0.0.0.0:8081->80/tcp, : |
| 329aa8d03074 | mariadb:10.10.2 | "docker-entrypoint.s..." | 20 minutes ago | Up 20 minutes | 3306/tcp |

```

svlight@gb-linux:~$

```

localhost:8081 / db | php: x

localhost:8081/index.php?route=/%2F

phpMyAdmin

Recent Favorites

- New
- GB
- information_schema
- mysql
- performance_schema
- sys

Server: db

Databases SQL Status User accounts Export Import Settings Replication More

General settings

- Change password
- Server connection collation: utf8mb4_unicode_ci
- More settings

Appearance settings

- Language: English
- Theme: pmahomme View all

Database server

- Server: db via TCP/IP
- Server type: MariaDB
- Server connection: SSL is not being used
- Server version: 10.10.2-MariaDB-1:10.10.2+maria-ubu2204 - mariadb.org binary distribution
- Protocol version: 10
- User: root@172.17.0.3
- Server charset: UTF-8 Unicode (utf8mb4)

Web server

- Apache/2.4.57 (Debian)
- Database client version: libmysql - mysqlnd 8.2.8
- PHP extension: mysqli curl mbstring sodium
- PHP version: 8.2.8

phpMyAdmin

- Version information: 5.2.1 (up to date)
- Documentation
- Official Homepage
- Contribute
- Get support
- List of changes
- License

Warning: The phpMyAdmin configuration storage is not completely configured, some extended features have been deactivated. [Find out why.](#) Or alternately go to 'Operations' tab of any database to set it up there.

Console

Ubuntu-linux [Работает] - Oracle VM VirtualBox

Файл Машина Вид Ввод Устройства Справка

Activities Firefox Web Browser

мая 22

localhost:8081 / db / GB2 ×

localhost:8081/index.php?route=/server/databases

phpMyAdmin

Recent Favorites

New

GB

GB2

information_schema

mysql

performance_schema

sys

Server: db » Database: GB2

Structure SQL Search Query Export Import Operations

No tables found in database.

Create new table

Table name

Number of columns

4

Create


```
svlight@gb-linux:~$ ls ./mydb/
aria_log.00000001  GB      ibdata1      multi-master.info  performance_schema
aria_log_control   GB2     ib_logfile0  mysql              sys
ddl_recovery.log   ib_buffer_pool  ibtmp1       mysql_upgrade_info
```