

How to Change MariaDB Port?

written by sysadmin | 10 December 2025

By default, MariaDB uses port 3306. I want to change the default port to another port for security reasons.

Problem

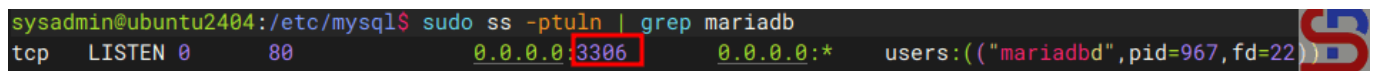
How to change MariaDB port?

Solution

To see the default MariaDB port, you can use the command below:

```
sudo ss -ptuln | grep mariadb
```

```
sysadmin@ubuntu2404:/etc/mysql$ sudo ss -ptuln | grep mariadb
tcp    LISTEN 0      80          0.0.0.0:3306      0.0.0.0:*      users:((("mariadb",pid=967,fd=22))
```

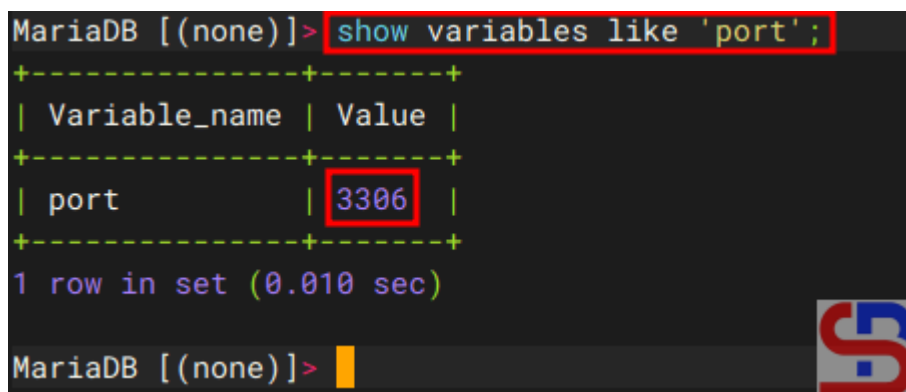


Display the MariaDB port via netstat

Or you run the query below:

```
show variables like 'port';
```

```
MariaDB [(none)]> show variables like 'port';
+-----+-----+
| Variable_name | Value |
+-----+-----+
| port          | 3306  |
+-----+-----+
1 row in set (0.010 sec)
```



Display the MariaDB port via query

From the images above, you can see MariaDB is using port 3306. If you want to change the port from 3306 to 4306, for example, then in the file `/etc/mysql/mariadb.conf.d/50-`

server.cnf if you are using Ubuntu, add the item below:

port = 4306

Warning

If you're using a distro other than Ubuntu/Debian, you can search for the file by using the command:

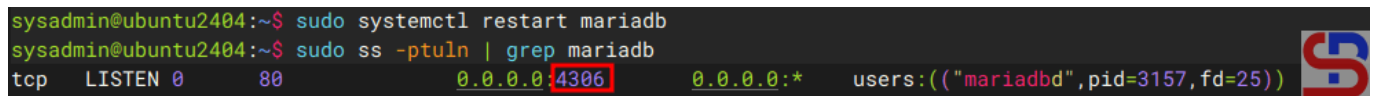
```
sudo find / -type f -name "*server.cnf"
```

Then restart mariadb using the command:

```
sudo systemctl restart mariadb
```

After that, you can check the MariaDB port by using one of the commands above, and the MariaDB port should have changed according to the port you want, as shown in the image below:

```
sysadmin@ubuntu2404:~$ sudo systemctl restart mariadb
sysadmin@ubuntu2404:~$ sudo ss -ptuln | grep mariadb
tcp    LISTEN 0      80      0.0.0.0:4306      0.0.0.0:*    users:(("mariadb",pid=3157,fd=25))
```



Display the MariaDB port via netstat after changing the port

Note

If you have changed the default port of MariaDB from 3306 to 4306, for example, then you don't need to write the port in the Linux command to access MariaDB if you access from localhost:

```
sysadmin@ubuntu2404:~$ sudo ss -ptuln | grep mariadb
tcp    LISTEN 0      80          0.0.0.0:4306  0.0.0.0:*    users:((("mariadb",pid=3157,fd=25))

sysadmin@ubuntu2404:~$ sudo mariadb -uroot -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 46
Server version: 10.11.13-MariaDB-0ubuntu0.24.04.1 Ubuntu 24.04

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)]>
```

Access to MariaDB after changing the port from localhost

But, if you access MariaDB from another host, you have to write the option for the port, like in the picture below:

```
sysadmin@docker:~$ mariadb -h 192.168.56.11 -P 4306 -u john -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 50
Server version: 10.11.13-MariaDB-0ubuntu0.24.04.1 Ubuntu 24.04

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)]>
```

Access to MariaDB after changing the port on another host

References

[geeksforgeeks.org](https://www.geeksforgeeks.org)
stackoverflow.com
[tecmint.com](https://www.tecmint.com)