

Tech2Towards

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Friday, July 22, 2022

How to Reset the MySQL version 8 Root Password on Ubuntu

MySQL is an open-source relational database management system and It's by default port 3306

How to Reset The MySQL Version 8 Root Password On Ubuntu



Step 1) First stop the MySQL service and create and initiate permission.

```
$ sudo /etc/init.d/mysql stop
$ sudo mkdir /var/run/mysql
$ sudo chown mysql /var/run/mysql
```

Step 2) Now start MySQL with the `--skip-grant-tables` option. The `&` is required here.

```
$ sudo mysqld_safe --skip-grant-tables&
```

```
administrator@Linux-Admin:~$ sudo mysqld_safe --skip-grant-tables&
[i] 40553
administrator@Linux-Admin:~$ 2022-07-22T14:14:58.685168Z mysqld_safe Logging to '/var/log/mysql/error.log'.
2022-07-22T14:14:58.704425Z mysqld_safe Starting mysqld daemon with databases from /var/lib/mysql
administrator@Linux-Admin:~$
```

- Press ENTER to return to the Linux BASH prompt.

Step 3) Reset MySQL Root Password.

- You can now log in to the MySQL root account without a password.

```
$ sudo mysql --user=root mysql
```

- Once you logged in, you will see the `mysql>` prompt, then run following commands.

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```
> UPDATE mysql.user SET authentication_string=null WHERE User='root';
```

```
> flush privileges;
```

- Replace **your_password_here** with your own. (Generate a strong password here)

```
> ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql_native_password BY 'your_password_here';
```

```
> flush privileges;
```

```
> exit
```

Step 4) Now, Test the New Updated Root Password

- Make sure all MySQL processes are stopped before starting the service again.

```
$ sudo killall -u mysql
```

- If you see a message similar to below, press **ENTER** to continue.

```
administrator@Linux-Admin:~$ 2022-07-22T14:20:32.311859Z mysqld_safe mysqld from pid file /var/lib/mysql/Linux-Admin.pid ended
[1]  Done sudo mysqld_safe --skip-grant-tables
administrator@Linux-Admin:~$
administrator@Linux-Admin:~$
```

- Start MySQL Service.

```
$ sudo /etc/init.d/mysql start
```

- Log in to MySQL again and you should now be prompted for a password.

```
$ sudo mysql -p -u root
```

```
administrator@Linux-Admin:~$ mysql -u root -p
Enter password:
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.29-0ubuntu0.20.04.3 (Ubuntu)

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

mysql>
mysql>
mysql>
```

End !!!

2 comments:

Anonymous November 5, 2022 at 4:03 PM

Thank you very mush bro !

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Anonymous November 29, 2022 at 10:54 PM

Thanks!!

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