



How to reset MySQL 5.7 root password on Centos/RHEL 7

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So recently I was having a lot of trouble resetting the password of MySQL 5.7 on CentOS RHEL 7 server where I was not able to start the service in the `mysqld_safe` mode to reset the password as there was no `mysqld_safe` command on the server. I have checked all the installed packages to ensure that all required packages are installed but there was no help found from rpm database. MySQL safe is now operated by `systemd` so I have used below steps to reset the password of MySQL 5.7

1. Stop mysql:

```
systemctl stop mysqld
```

2. Set the mySQL environment option

```
systemctl set-environment MYSQLD_OPTS="--skip-grant-tables"
```

3. Start mysql usig the options you just set

```
systemctl start mysqld
```

4. Login as root

```
mysql -u root
```

5. Update the root user password with these mysql commands



```
mysql> UPDATE mysql.user SET authentication_string = PASSWORD('MyNewPassword')
-> WHERE User = 'root' AND Host = 'localhost';
mysql> FLUSH PRIVILEGES;
mysql> quit
```

for 5.7.6 and later, you should use

```
mysql> ALTER USER 'root'@'localhost' IDENTIFIED BY 'MyNewPass';
```

6. Stop mysql

```
systemctl stop mysqld
```

7. Unset the mySQL envitroment option so it starts normally next time

```
systemctl unset-environment MYSQLD_OPTS
```

8. Start mysql normally:

```
systemctl start mysqld
```

Try to login using your new password:

```
7. mysql -u root -p
```

Using these steps you can reset the password of the MySQL 5.7 easily on CentOS 7 or RHEL 7