How to upgrade MariaDB 5.5 to 10.x in CentOS 7 ?

486 admin January 10, 2025 General, Getting Started, Installation, Technical 30529



Upgrading MariaDB 5.5 to 10.x on CentOS 7: A Step-by-Step Guide

Overview: This article describes the process for upgrading MariaDB from version 5.5 to 10.x on CentOS 7, covering backup procedures, repository configuration, and installation steps.

Step 1. Before upgrading the MariaDB, create a dump of the Ezeelogin database:

```
:~# mysqldump db_name > db_name_backup.sql -u root -p
```

Example:

```
:~# mysqldump ezlogin_zwpfl > ezlogin_zwpfl_backup.sql -u root -p
Enter password:
:~#ls
ezlogin_zwpfl_backup.sql
```

You can check the current MariaDB version by

```
:~# mysql -V
```

Example:

```
:~# mysql -V
mysql Ver 15.1 Distrib 5.5.68-MariaDB, for Linux (x86_64) using readline 5.1
```

To know the list of MariaDB packages before upgradation,

```
:~# rpm -qa|grep -i mariadb
mariadb-server-5.5.68-1.el7.x86_64
mariadb-5.5.68-1.el7.x86_64
mariadb-libs-5.5.68-1.el7.x86_64
```

You can get the Ezeelogin **db_name** from the **/usr/local/etc/ezlogin/ez.conf**.

For troubleshooting database-related issues in Ezeelogin

> Basic MySQL commands for troubleshooting database related issues in Ezeelogin

Step 2. Stop MariaDB service by the following command:

```
:~# systemctl stop mariadb.service
```

Step 3. Before upgrading the MariaDB to 10.x, Create the MariaDB.repo file

```
:~# vi /etc/yum.repos.d/MariaDB.repo
```

And add the following lines to upgrade MariaDB to 10.4

```
# MariaDB 10.4 CentOS repository list
# http://downloads.mariadb.org/mariadb/repositories/
[mariadb]

name = MariaDB
baseurl = http://yum.mariadb.org/10.4/centos7-amd64
gpgkey=https://yum.mariadb.org/RPM-GPG-KEY-MariaDB
gpgcheck=1
```

Step 4. Start the upgrade of MariaDB

```
:~# yum install MariaDB-client MariaDB-server -y
```

Step 5. After it’s finished, start MariaDB:

```
:~# systemctl restart mariadb.service

:~# systemctl enable mariadb.service
```

Step 6. Restart MariaDB service:

```
:~#systemctl restart mariadb.service
```

After upgrading, check the version by,

```
:~# mysql -V
mysql Ver 15.1 Distrib 10.4.22-MariaDB, for Linux (x86_64) using readline 5.1
```

Also, you can check the list of MariaDB packages after upgradation by,

```
:~# rpm -qa|grep -i mariadb
MariaDB-client-10.4.22-1.el7.centos.x86_64
MariaDB-server-10.4.22-1.el7.centos.x86_64
MariaDB-compat-10.4.22-1.el7.centos.x86_64
MariaDB-common-10.4.22-1.el7.centos.x86_64
```

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Online URL: https://www.ezeelogin.com/kb/article/how-to-upgrade-mariadb-5-5-to-10-x-in-centos-7-486.html