## FreeBSD Administration - Support #788

## Install MariaDB 10 on FreeBSD

04/02/2016 10:54 AM - Daniel Curtis

| Status: | Closed | Start date: | 04/03/2016 |
|---|---|---|---|
| Priority: | Normal | Due date: | |
| Assignee: | Daniel Curtis | % Done: | 100% |
| Category: | Database Server | Estimated time: | 0.50 hour |
| Target version: | FreeBSD 10 | Spent time: | 1.00 hour |

**Description**

This is a simple guide on setting up a MariaDB 10 server on FreeBSD 10.

# Prepare the Environment

- Make sure the system is up to date:

```
pkg update && pkg upgrade
```

# Install MariaDB server

- Start by installing the mariadb100-server and mariadb100-client packages:

```
pkg install mariadb100-{server,client}
```

- Copy a base MariaDB configuration to use:

```
cp /usr/local/share/mysql/my-small.cnf /var/db/mysql/my.cnf
```

- Edit the mariadb config to change the max packet size:

```
vi /var/db/mysql/my.cnf
```

  - and modify max_allowed_packet to 32M

```
max_allowed_packet = 32M
```

- Enable and start MariaDB

```
echo 'mysql_enable="YES"' >> /etc/rc.conf
service mysql-server start
```

- Prepare the database for use by running the secure installation:

```
mysql_secure_installation
```

  - **NOTE**: <u>Choose a strong root password</u> and answer <u>yes</u> to all questions.

# Create MariaDB Databases and Users

- Login to MariaDB and create appropriate databases and users.

```
mysql -u root -p
```

  - and run the following SQL queries to create the **somedb** database and **someuser** user:

```
CREATE DATABASE somedb CHARACTER SET utf8;

CREATE USER 'someuser'@'localhost' IDENTIFIED BY 'SuperSecretPassword';

GRANT ALL PRIVILEGES ON somedb.* TO 'someuser'@'localhost';

FLUSH PRIVILEGES;

quit
```

## History

**#1 - 04/02/2016 02:08 PM - Daniel Curtis**

*- Tracker changed from Bug to Support*

*- Status changed from New to Resolved*

*- % Done changed from 0 to 100*

**#2 - 04/09/2016 10:19 AM - Daniel Curtis**

*- Status changed from Resolved to Closed*