

FreeBSD Administration - Support #551

Installing MariaDB on FreeBSD

02/06/2015 11:46 AM - Daniel Curtis

| | | | |
|------------------------|-----------------|------------------------|------------|
| Status: | Closed | Start date: | 02/06/2015 |
| Priority: | Normal | Due date: | |
| Assignee: | Daniel Curtis | % Done: | 100% |
| Category: | Database Server | Estimated time: | 0.50 hour |
| Target version: | FreeBSD 9 | Spent time: | 0.50 hour |

Description

This is a simple guide for setting up a standalone MariaDB server on FreeBSD 9.2.

- Update the system and ports tree:

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

Install MariaDB server

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

```
pkg install mariadb55-{server,client}
```

Configure MariaDB server

- Copy a base MariaDB configuration to use

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

- Tuning: Copy one of the default config files and 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 Database for use by running the secure installation:

```
mysql_secure_installation
```

- **NOTE:** Choose a strong root password and answer yes 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 **somedatabase** database and **someuser** user:

```
CREATE DATABASE somedatabase CHARACTER SET utf8;
```

```
CREATE USER 'someuser'@'127.0.0.1' IDENTIFIED BY 'SuperSecretPassword';
```

```
GRANT ALL PRIVILEGES ON somedatabase.* TO 'someuser'@'127.0.0.1';
```

```
flush privileges;
```

History

#1 - 02/06/2015 01:36 PM - Daniel Curtis

- Status changed from *New* to *Resolved*

- % Done changed from 0 to 100

#2 - 02/09/2015 02:29 PM - Daniel Curtis

- Status changed from *Resolved* to *Closed*

#3 - 02/14/2015 10:50 AM - Daniel Curtis

- Target version set to *FreeBSD 9*

#4 - 02/14/2015 12:09 PM - Daniel Curtis

- Category set to *Database Server*