

GNU/Linux Administration - Support #945

Install MariaDB 10 on Arch Linux

01/06/2019 09:27 PM - Daniel Curtis

Status:	Closed	Start date:	01/06/2019
Priority:	Normal	Due date:	
Assignee:	Daniel Curtis	% Done:	100%
Category:	Database Server	Estimated time:	0.50 hour
Target version:	Arch Linux	Spent time:	1.00 hour

Description

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

Prepare the Environment

- Make sure the system is up to date:

```
pacman -Syu
```

Install MariaDB server

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

```
pacman -S mariadb{,-clients}
```

- Initialize the database:

```
mysql_install_db --user=mysql --basedir=/usr --datadir=/var/lib/mysql
```

- Enable and start MariaDB

```
systemctl enable mariadb  
systemctl start mariadb
```

- Prepare the 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 **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 - 01/06/2019 09:28 PM - Daniel Curtis

- % Done changed from 0 to 100
- Status changed from New to Resolved
- Description updated

#2 - 06/10/2019 02:38 PM - Daniel Curtis

- Status changed from Resolved to Rejected

#3 - 07/02/2019 11:32 AM - Daniel Curtis

- Status changed from Rejected to Resolved

#4 - 11/15/2019 11:20 PM - Daniel Curtis

- Status changed from Resolved to Closed