

# Using MariaDB with SlapOS

by [SlapOS Team](#).

▼ Details

## Agenda

- Request a MariaDB instance
- Setup stunnel
- Connect to SQL

▼ Details

## Requirements

Your node has to be able to create new instances of MariaDB (see previous tutorials).

You first need to install MariaDB Software Release on your node.

▼ Details

Once the Software Release is installed, your node is ready to deploy instances of MariaDB.

Note: Please make sure to remember the version of MariaDB Software Release you installed. Only instance from the installed version(s) can be created on this node.

## Request

In the previous tutorials you saw how to request instance.

Choose the method you prefer to request a "MariaDB" instance on your **own** Node.

▼ Details

The most simple way to request an instance is to go on [vifib.net](#) and request a service on your own node.

## Configure stunnel

Install, (re)configure and launch stunner and mysql-client to connect to your instance :

```
# apt-get install stunnel mysql-client
$ mkdir ~/slapos
$ echo "foreground = yes
syslog = no
pid = /home/$(whoami)/slapos/stunnel.pid
debug = debug

[service]
accept = 127.0.0.1:12345
connect = REPLACE_ME_BY_YOUR_STUNNEL_IP:REPLACE_ME_BY_YOUR_STUNNEL_PORT
client = yes" > /home/$(whoami)/slapos/stunnel.conf

$ stunnel4 /home/$(whoami)/slapos/stunnel.conf
```

▼ Details

Install stunnel on your machine (on debian, do apt-get install stunnel). Then configure it, and launch it.

Install MySQL client (on Debian, do apt-get install mysql-client).

Note: It Doesn't have to be on same machine that your node!

## Connect to Mysql

```
mysql -u user -h 127.0.0.1 -P 12345 -p db
```

▼ Details

Connect to your instance using the mysql client utility.

## Next Steps

**Learn how to create your own service.**