

How to install MariaDB on ClearOS

2021-07-20: [WikiSuite will now support all major Linux distros](#). Thus, the information below is no longer updated. It may still be valid, or not. It will be eventually removed from this site, so anything relevant should be moved to the appropriate site. For anything related to ClearOS, please search among the following: [ClearOS site](#), [code base](#), [Developer docs](#), [Wiki](#) or [forum](#).

Please [contact](#) us if you would like to help out.

MariaDB replaces MySQL in ClearOS 7.x (vs 6.x)

Install MariaDB

Via the web interface

- Search for "Database" in the marketplace
- Install

Via the command line

```
yum install app-mariadb
```

Configure

- Visit <https://example.org:81/app/mariadb>
- Start it (it will automatically restart on server reboot)
- You'll need to set a root password
- You will then have access to phpMyAdmin

Related tips

To change setting for the PHP used by phpMyAdmin for MariaDB (ex.: upload size, or timeout) (~~but as of 2016-03-20, phpMyAdmin is broken by the upgrade to PHP 5.6) fixed~~

```
nano /usr/clearos/sandbox/etc/php.ini  
service httpd restart
```

If you installed before February 2017

To change the MariaDB settings

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```
nano /etc/my.cnf.d/server.cnf
service mariadb restart
```

Value	description	default	recommended
ft_min_word_len	Minimum word length of MySQL full text search	4	3
max_allowed_packet	To permit to upload files larger than 1 meg	1M	16M

If you installed after February 2017

Default settings have been changed:

<https://github.com/clearos/app-mariadb/commit/abafc73e78fe9f3edb1fd8e97d9474d53e0a9aa5>

Bugs

- The regular URL to manage MariaDB is <https://example.org:81/mysql> (findable via <https://example.org:81/app/mariadb>), however, upgrading to PHP 5.6 breaks this link. fixed
 - Workaround: [How to install Adminer on ClearOS](#)