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How to install MariaDB on ClearOS

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

```
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

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max_allowed_packet	To permit to upload files larger than 1 meg	1M	16M
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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](#)