

Moodle installie procedure

1. Terminal openen

2. Systeem updaten

`apt update`

`apt upgrade`

3. Installatie van nodige subservices en php plugins

`apt install apache2 mariadb-server php-cli libapache2-mod-php php-mysql php-xml php-mbstring php-curl php-zip php-gd php-intl php-soap`

4. Downloaden van het laatste moodle versie uit git repository uit de guide.

`git clone -b MOODLE_402_STABLE git://git.moodle.org/moodle.git /var/www/html/moodle`

5. Webserver file directory aanmaken voor webserver files

`chown www-data:www-data -R /var/www/html/moodle`

`chmod 755 -R /var/www/html/moodle`

6. Controleren dat webserver geen write permission heeft in moodle bestanden

`chown www-data:www-data -R /var/www/html/moodle`

`chmod 755 -R /var/www/html/moodle`

7. Moodle configuratie, moodle/config.php file (default being moodle-dist.php) Configuratie implementeert <http://localhost/moodle> Als the main locatie

```
cp /var/www/html/moodle/config-dist.php /var/www/html/moodle/config.php

sed -E "s@\$CFG->dbtype(\s+)= '\w+';@\$CFG->dbtype\1= 'mariadb';@g" -i
/var/www/html/moodle/config.php

sed -E "s@\$CFG->dbhost(\s+)= '\w+';@\$CFG->dbhost\1= 'localhost';@g" -i
/var/www/html/moodle/config.php

sed -E "s@\$CFG->dbname(\s+)= '\w+';@\$CFG->dbname\1= 'moodleuser';@g" -i
/var/www/html/moodle/config.php

sed -E "s@\$CFG->dbpass(\s+)= '\w+';@\$CFG->dbpass\1= 'moodleproject';@g" -i
/var/www/html/moodle/config.php

sed -E "s@\$CFG->wwwroot(\s+)= '\w+';@\$CFG->wwwroot\1= 'http://localhost/moodle';@g" -i
/var/www/html/moodle/config.php

sed -E "s@\$CFG->dataroot(\s+)= '\w+';@\$CFG->dataroot\1= '/moodle/data';@g" -i
/var/www/html/moodle/config.php
```

8. Cron-taak aanmaken dat telkens gaat lanceren voor Moodle, We voegen de cron-taakregel toe aan de cron-takenlijst voor de huidige gebruiker, zorg ervoor dat de cron-taaksyntaxis moet correct zijn

```
echo " * * * * * /usr/bin/php /var/www/html/moodle/admin/cron.php >/dev/null" >>
/var/spool/cron/crontabs/roo
```

9. Aanpassen van max_input_vars setting in php config zoals gevraagd in de Moodle guide

```
sed -E 's@;?max_input_vars = 1000@max_input_vars = 5000@g' -i /etc/php/*/apache2/php.ini

systemctl restart apache2
```

10. Aanmaken van Database met een query

query="

```
CREATE DATABASE moodle DEFAULT CHARACTER SET utf8mb4 COLLATE  
utf8mb4_unicode_ci;
```

```
CREATE USER 'moodleuser'@'localhost' IDENTIFIED BY 'moodleproject'; -
```

- This will be the password

```
GRANT SELECT,INSERT,UPDATE,DELETE,CREATE,CREATE TEMPORARY  
TABLES,DROP,INDEX,ALTER ON moodle.* TO 'moodleuser'@'localhost';
```

```
FLUSH PRIVILEGES;
```

"

```
mariadb -e "${query}"
```

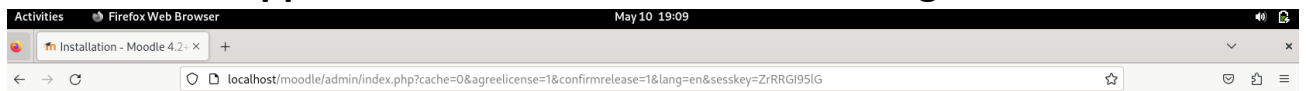
11. Herstarten van database service na aanpassing!!! (Heel belangrijk veel tijd verloren hierdoor)

```
systemctl restart mariadb
```

12. Installatie van SMTP mailserver

```
apt install postfix
```

Als alle stappen correct ondernomen is Moodle geïnstalleerd



Installation

System

Success (18.86 seconds)

antivirus_clamav

Success (0.09 seconds)

availability_completion

Success (0.09 seconds)

availability_date

Success (0.06 seconds)

availability_grade

Success (0.08 seconds)

availability_group

Success (0.06 seconds)

availability_grouping

