

## **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**

`hown 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://192.168.1.35/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}"
```

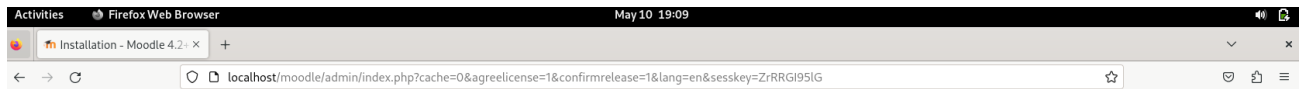
## 11. Herstarten van database service na aanpassing!!! (Heel belangrijk veel tijd verloren hierdoor)

```
systemctl restart mariadb
```

## 12. Installatie van SMTP mailserver

```
apt install postfix
```

# Als alle stappen correct ondernomen zijn 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



## Current release information

### Moodle 4.2+ (Build: 20230602)

For information about this version of Moodle, please see the online [Release Notes](#)

## Server checks

Name	Information	Report	Plugin	Status
moodle		version 3.11.8 is required and you are running 4.2+ (Build: 20230504) <a href="#">link</a>		
unicode		must be installed and enabled <a href="#">link</a>		
database	mariadb (10.6.12-MariaDB-0ubuntu0.22.04.1)	version 10.6.7 is required and you are running 10.6.12 <a href="#">link</a>		
php		version 8.0.0 is required and you are running 8.2.6 <a href="#">link</a>		
pcrunicode		should be installed and enabled for best results <a href="#">link</a>		
php_extension	iconv	must be installed and enabled <a href="#">link</a>		
php_extension	mbstring	must be installed and enabled <a href="#">link</a>		
php_extension	curl	must be installed and enabled <a href="#">link</a>		
php_extension	openssl	must be installed and enabled <a href="#">link</a>		
php_extension	tokenizer	should be installed and enabled for best results <a href="#">link</a>		
<a href="https://docs.moodle.org/402/en/admin/environment/php_extension/soap">https://docs.moodle.org/402/en/admin/environment/php_extension/soap</a>		should be installed and enabled for best results <a href="#">link</a>		

