

MOODLE

Creamos el contenedor

```
docker run -it --name ManuelMoodle -p 80:80 ubuntu:24.04 /bin/bash
```

Instalar dependencias iniciales

```
apt update  
apt install vim  
apt install wget  
apt install unzip
```

Instalar Apache 2

```
apt install apache2  
service apache2 start
```

Instalar PHP

```
apt install php php-cli php-fpm php-mysql php-xml php-xmlrpc \  
php-gd php-curl php-zip php-intl php-mbstring php-soap php-bcmath \  
php-ldap php-readline php-tokenizer php-common php-opcache libapache2-mod-php -y
```

Instalar MariaDB y Crear base de datos para Moodle

```
apt install mariadb-server  
service mariadb status  
service mariadb start  
mariadb
```

```
CREATE DATABASE moodle_db;
```

```
CREATE USER 'moodle_manuel'@'localhost' IDENTIFIED BY 'manuel1234';
```

```
GRANT ALL PRIVILEGES ON moodle_db.* TO 'moodle_manuel'@'localhost';
```

```
FLUSH PRIVILEGES;
```

```
EXIT;
```

Instalar Moodle

```
cd /var/www/html  
wget https://download.moodle.org/download.php/direct/stable501/moodle-latest-501.zip  
unzip moodle-latest-501.zip  
rm moodle-latest-501.zip  
rm index.html
```

Mover los archivos

```
mv moodle/* .  
rm -rf moodle
```

Configuración de Moodle

```
cp config-dist.php config.php  
vim config.php  
  
$CFG->dbtype      = 'mariadb';  
$CFG->dblibrary   = 'native';  
$CFG->dbhost      = 'localhost';  
$CFG->dbname      = 'moodle_db';  
$CFG->dbuser      = 'moodle_manuel';  
$CFG->dbpass      = 'manuel1234';  
  
$CFG->wwwroot = 'http://44.223.42.164'; <-- IP de la Instancia  
  
$CFG->dataroot  = '/var/moodledata';
```

Configuración de PHP

```
vim /etc/php/8.3/apache2/php.ini
```

busca:
; max_input_vars = 1000

y dejalo asi:
max_input_vars = 5000

Dar Permisos

```
chown -R www-data:www-data /var/www/html  
chmod -R 755 /var/www/html  
  
mkdir /var/moodledata  
chown -R www-data:www-data /var/moodledata  
chmod -R 755 /var/moodledata
```

Configurar Apache

```
a2ensite 000-default.conf  
a2enmod rewrite  
service apache2 restart
```

```
vim /etc/apache2/sites-available/000-default.conf
```

Escribe:

```
<Directory /var/www/html>  
    AllowOverride All  
    Require all granted  
</Directory>
```

y añade:

```
DocumentRoot /var/www/html/public
```

```
service apache2 restart
```

```
http://IP-INSTANCIA
```

The screenshot shows the Moodle dashboard. At the top, there's a browser header with navigation icons, a URL of 44.223.42.164/my/, and a message 'Reinicia para actualizar :'. Below the header, the user 'manuel' is logged in, with links for Home, Dashboard, My courses, and Site administration. There are also notification and edit mode buttons.

The main area has two sections: 'Timeline' and 'Calendar'.

Timeline: It includes buttons for 'Next 7 days', 'Sort by dates', and 'Search by activity type or name'. Below these is a placeholder icon and the text 'No in-progress courses'.

Calendar: It shows a monthly view for December 2025. The days of the week are labeled from Mon to Sun. The date 4 is highlighted with a blue circle. Buttons for 'All courses' and 'New event' are at the top right of the calendar section. Navigation arrows for November and January are also present.