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
```