

## Apache devian:

Apt install apache2

Apt install -y mariadb-server mariadb-client -> mysql\_secure\_installation

Apt install -y php php-mysql libapache2-mod-php

Apt install -y apache2 apache2-utils

Nano /var/www/html/test.php -> <?php phpinfo(); ?>

## Nginx devian:

Apt-get install nginx

Apt-get install php-fpm

Apt-get install php-mysql php-mbstring php-xml php-gd php-curl php-bcmath php-ldap  
mlocate -> updated

```
GNU nano 5.4 /etc/nginx/nginx.conf
user www-data;
worker_processes auto;
pid /run/nginx.pid;
include /etc/nginx/modules-enabled/*.conf;
events {
    worker_connections 768;
}
http {
    client_max_body_size 8M;
    sendfile on;
    tcp_nopush on;
    tcp_nodelay on;
    keepalive_timeout 65;
    types_hash_max_size 2048;
    include /etc/nginx/mime.types;
    default_type application/octet-stream;
    ssl_protocols TLSv1 TLSv1.1 TLSv1.2 TLSv1.3;
    ssl_prefer_server_ciphers on;
    access_log /var/log/nginx/access.log;
    error_log /var/log/nginx/error.log;
    gzip on;
    include /etc/nginx/conf.d/*.conf;
    include /etc/nginx/sites-enabled/*;
}
```

```
GNU nano 5.4 /etc/nginx/sites-available/default
server_name _;

location / {
    # First attempt to serve request as file, then
    # as directory, then fall back to displaying
    try_files $uri $uri/ =404;
}

# pass PHP scripts to FastCGI server
#
location ~ .php$ {
    include snippets/fastcgi-php.conf;
    #
    # With php-fpm (or other unix sockets):
    fastcgi_pass unix:/run/php/php7.4-fpm.sock;
    # With php-cgi (or other tcp sockets):
    fastcgi_pass 127.0.0.1:9000;
}
```

```
GNU nano 5.4 /etc/apt/sources.list
deb cdrom:[Debian GNU/Linux 11.0.0 _Bullseye_ - Official amd64 DVD Binary-1 20210816] .
deb cdrom:[Debian GNU/Linux 11.0.0 _Bullseye_ - Official amd64 DVD Binary-1 20210816] .
deb http://security.debian.org/debian-security bullseye-security main contrib
deb-src http://security.debian.org/debian-security bullseye-security main contrib
# bullseye-updates, to get updates before a point release is made;
# see https://www.debian.org/doc/manuals/debian-reference/ch02.en.html#updates_or
# A network mirror was not selected during install. The following entries
# are provided as examples, but you should amend them as appropriate
# for your mirror of choice.
#
deb http://deb.debian.org/debian/ bullseye-updates main contrib
deb-src http://deb.debian.org/debian/ bullseye-updates main contrib
deb http://deb.debian.org/debian/ bullseye main
deb-src http://deb.debian.org/debian/ bullseye main
deb http://security.debian.org/debian-security bullseye-security main contrib
deb-src http://security.debian.org/debian-security bullseye-security main contrib
deb http://deb.debian.org/debian/ bullseye-updates main contrib
deb-src http://deb.debian.org/debian/ bullseye-updates main contrib
deb http://deb.debian.org/debian bullseye main contrib non-free
deb-src http://deb.debian.org/debian bullseye main contrib non-free
deb http://deb.debian.org/debian-security bullseye/updates main contrib non-free
deb-src http://deb.debian.org/debian-security bullseye/updates main contrib non-free
deb http://deb.debian.org/debian bullseye-updates main contrib non-free
deb-src http://deb.debian.org/debian bullseye-updates main contrib non-free
deb http://deb.debian.org/debian bullseye-backports main contrib non-free
deb-src http://deb.debian.org/debian bullseye-backports main contrib non-free
```

Crea test.php

### **Apache centos:**

Yum update -y -> Yum install -y <https://rpms.remirepo.net/enterprise/remi-release-8.rpm>  
-> Yum update

Yum module disable -y composer glpi php

Yum module enable -y composer glpi php:remi-7.4

Yum install -y httpd php php-mysqlnd

Systemctl enable --now php-fpm httpd

Yum install -y mysql-server

Enable --now mysqld

Firewall-cmd --permanent --add-service={http,https} -> Firewall-cmd --permanent --add-service=http -> Firewall-cmd --reload -> crear test.php

### **Nginx CentOS:**

Dnf install nginx

Dnf install mariadb-server -> mysql\_secure\_installation -> all N

Mysql -> CREATE DATABASE example\_database; -> GRANT ALL ON example\_database.\* TO 'example\_user'@'localhost' IDENTIFIED BY 'password' WITH GRANT OPTION; -> FLUSH PRIVILEGES; -> exit

Mysql -u example\_user -p -> SHOW DATABASES;

Dnf install php-fpm php-mysqlnd -> dnf install nano

Nano /etc/php-fpm.d/www.conf -> user = nginx -> group = nginx

Chown -R daw12.daw12 /usr/share/nginx/html/ -> crear test.php

### **Apache devian dns:**

Nano /etc/apache2/sites-available/asix.conf

<VirtualHost \*:80>

ServerName asix.net

ServerAdmin admin@asix.net

ServerAlias www.asix.net

DocumentRoot "/var/www/html/asix"

DirectoryIndex index.html

</VirtualHost>

Nano /var/www/html/asix/index.html

```
<html><h1>Hola, soy ManelCC</h1></html>
```

Chmod 775 /var/www/html/asix/index.html

Chown www-data /var/www/html/asix

Cd /etc/apache2/sites-available -> a2ensite asix.conf ->a2dissite 000-default.conf

## **HTTPS:**

Nano /etc/ssl/private/asix.key -> Nano /etc/ssl/certs/asix.crt

```
<IfModule mod_ssl.c>
```

```
<VirtualHost *:443>
```

```
ServerAdmin webmaster@asix.net ServerName www.asix.net ServerAlias web.asix.net
DocumentRoot /var/www/html/asix
```

```
ErrorLog ${APACHE_LOG_DIR}/error.log
```

```
CustomLog ${APACHE_LOG_DIR}/access.log combined DirectoryIndex index.html
```

```
SSLEngine on
```

```
SSLCertificateFile /etc/ssl/certs/asix.crt SSLCertificateKeyFile /etc/ssl/private/asix.key
```

```
</VirtualHost>
```

```
</IfModule>
```

Apachectl -M

**Wireshark:**

telnet [www.google.cat](http://www.google.cat) 80

GET / HTTP/1.1

Host: [www.google.cat](http://www.google.cat)

User-Agent: telnet

**FTP:**

Apt install vsftpd

Ufw allow 20/tcp -> Ufw allow 21/tcp

Cat /etc/group | grep ftp

Useradd daw1 | passwd daw1

Usermod -aG ftp daw1

Chmod 755 /var/www

Nano /etc/vsftpd.conf

Listen\_ipv6=YES

Anonymous\_enable=NO

Local\_enable=YES

Write\_enable=YES

Chroot\_local\_user=YES

Local\_root=/home/\$USER/ftp

Anonymous\_root=/

Local\_umask=002

Firefox: ftp://192.168.85.127