

TALLERES UD2

1.LAMP

Podemos comprobar que se puede acceder perfectamente a phpmyadmin

The screenshot shows the phpMyAdmin interface running on port 3306. The left sidebar lists databases: information_schema, performance_schema, and phpmyadmin. The main panel has several sections: 'Configuraciones generales' (General configurations) with options like 'Cambio de contraseña' (Change password) and 'Cotejamiento de la conexión al servidor' (Check connection to server); 'Configuraciones de apariencia' (Appearance configurations) showing the language as 'Español - Spanish'; 'Servidor de base de datos' (Database server) listing the server as 'localhost via UNIX socket', type as 'MySQL', and version as '8.0.43-Ubuntu0.24.04.2 - (Ubuntu)'; 'Servidor web' (Web server) listing Apache 2.4.58 (Ubuntu), PHP 8.3.6, and MySQL 8.3.6; and a 'phpMyAdmin' footer with links to version info, documentation, and support.

Tambien, vemos que apache funciona sin problemas

```
joaquin@IAW-UB:~$ systemctl status apache2.service
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/apache2.service; enabled; preset: enabled)
   Active: active (running) since Tue 2025-10-14 07:30:08 UTC; 1min 56s ago
     Docs: https://httpd.apache.org/docs/2.4/
   Process: 1165 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)
 Main PID: 1263 (apache2)
    Tasks: 6 (limit: 4603)
   Memory: 30.6M (peak: 30.9M)
      CPU: 342ms
     CGroup: /system.slice/apache2.service
             └─1263 /usr/sbin/apache2 -k start
                 ├─1373 /usr/sbin/apache2 -k start
                 ├─1374 /usr/sbin/apache2 -k start
                 ├─1375 /usr/sbin/apache2 -k start
                 ├─1376 /usr/sbin/apache2 -k start
                 └─1378 /usr/sbin/apache2 -k start

Oct 14 07:29:59 IAW-UB systemd[1]: Starting apache2.service - The Apache HTTP Server...
Oct 14 07:30:08 IAW-UB apachectl[1211]: AH00558: apache2: Could not reliably determine the fully qualified domain name, using IAW-UB for ServerName
Oct 14 07:30:08 IAW-UB systemd[1]: Started apache2.service - The Apache HTTP Server...
```

The terminal window shows the output of the 'systemctl status apache2.service' command. It indicates that the Apache service is active and running, with a main PID of 1263. The service is loaded from /usr/lib/systemd/system/apache2.service and is enabled. The process is active since Tuesday, October 14, 2025, at 07:30:08 UTC. The Apache version is 2.4.58 (Ubuntu). The log output shows the service starting and the Apache configuration being loaded.

VirtualHost con Apache

Creamos las carpetas solicitadas.

```
joaquin@IAW-UB:/var/www$ sudo mkdir iessimarro/public
joaquin@IAW-UB:/var/www$ sudo mkdir departamentos/public
joaquin@IAW-UB:/var/www$ ls
departamentos  html  iessimarro
```

Luego, los ficheros para cada sitio, en mi caso los copie de la plantilla

```
joaquin@IAW-UB:/etc/apache2/sites-available$ sudo cp 000-default.conf www.ie
ssimarro.org.conf
joaquin@IAW-UB:/etc/apache2/sites-available$ sudo cp 000-default.conf www.si
madept.org.conf
```

Modifico cada fichero

```
/etc/apache2/sites-available/www.iessimarro.org.conf
<VirtualHost *:8081>
    # The ServerName directive sets the request scheme, hostname and po
    # the server uses to identify itself. This is used when creating
    # redirection URLs. In the context of virtual hosts, the ServerName
    # specifies what hostname must appear in the request's Host: header
    # match this virtual host. For the default virtual host (this file)
    # value is not decisive as it is used as a last resort host regardl
    # However, you must set it for any further virtual host explicitly.
#ServerName www.example.com

    ServerAdmin webmaster@localhost
    DocumentRoot /var/www/iessimarro/public

    # Available loglevels: trace8, ..., trace1, debug, info, notice, wa
    # error, crit, alert, emerg.
    # It is also possible to configure the loglevel for particular
    # modules, e.g.
    #LogLevel info ssl:warn

    ErrorLog ${APACHE_LOG_DIR}/error.log
    CustomLog ${APACHE_LOG_DIR}/access.log combined

    # For most configuration files from conf-available/, which are
    # enabled or disabled at a global level, it is possible to
    # include a line for only one particular virtual host. For example
    # following line enables the CGI configuration for this host only
    # after it has been globally disabled with "a2disconf".
    #Include conf-available/serve-cgi-bin.conf
    <Directory /var/www/iessimarro/public>
        Options Indexes FollowSymLinks MultiViews
        AllowOverride All
        Order allow,deny
        allow from all
    </Directory>
</VirtualHost>
```

```
<VirtualHost *:8082>
    # The ServerName directive sets the request scheme, hostname and po>
    # the server uses to identify itself. This is used when creating
    # redirection URLs. In the context of virtual hosts, the ServerName
    # specifies what hostname must appear in the request's Host: header>
    # match this virtual host. For the default virtual host (this file)
    # value is not decisive as it is used as a last resort host regardl>
    # However, you must set it for any further virtual host explicitly.
    #ServerName www.example.com

    ServerAdmin webmaster@localhost
    DocumentRoot /var/www/departamentos/public

    # Available loglevels: trace8, ..., trace1, debug, info, notice, wa>
    # error, crit, alert, emerg.
    # It is also possible to configure the loglevel for particular
    # modules, e.g.
    #LogLevel info ssl:warn

    ErrorLog ${APACHE_LOG_DIR}/error.log
    CustomLog ${APACHE_LOG_DIR}/access.log combined

    # For most configuration files from conf-available/, which are
    # enabled or disabled at a global level, it is possible to
    # include a line for only one particular virtual host. For example >
    # following line enables the CGI configuration for this host only
    # after it has been globally disabled with "a2disconf".
    #Include conf-available/serve-cgi-bin.conf
    <Directory /var/www/departamentos/public>
        Options Indexes FollowSymLinks MultiViews
        AllowOverride All
        Order allow,deny
        allow from all
    </Directory>
</VirtualHost>
```

Habilito el sitio

```
joaquin@IAW-UB:~$ sudo a2ensite www.iessimarro.org.conf
Enabling site www.iessimarro.org.
To activate the new configuration, you need to run:
  systemctl reload apache2
joaquin@IAW-UB:~$ sudo a2ensite www.simadept.org.conf
Enabling site www.simadept.org.
To activate the new configuration, you need to run:
  systemctl reload apache2
```

Luego de hacer un reload, creo el index.html para ver contenido en la pagina

```
joaquin@IAW-UB:~$ nano /var/www/iessimarro/public/index.html
joaquin@IAW-UB:~$ sudo nano /var/www/iessimarro/public/index.html
joaquin@IAW-UB:~$ sudo nano /var/www/
departamentos/ html/ iessimarro/
joaquin@IAW-UB:~$ sudo nano /var/www/departamentos/public/index.html
```

Y, ya podemos visualizar nuestras paginas

