Iniciamos sesion en la maquina del servidor linux y accedemos al directorio /var/www y creo 6 ficheros

```
GNU nano 4.8

<html>
<h1>Hola</h1>
<body>
</body>
</html>
```

con el sudo nano dentro de /var/www/html

Y creamos los demas sudo su cd /var/www/html sudo cat > despliegue.html sudo nano despliegue.html

Luego con mkdir creamos la carpeta ciclos y metemos daw



Enseñamos todos los ficheros

```
root@ServidorLinuxO4:/var/www/html/ciclos# ls /var/www/html –l
total 24
                                     2 12:00 ciclos
drwxr–xr–x 2 root root
                         4096 dic
                            26 dic
                                     2 11:44 despliegue.html
-rw-r--r-- 1 root root
rw–r––r–– 1 root root 44 dic 2 11:48 fp.html
-rw–r––r–– 1 root root 10918 dic 2 10:50 indice.html
oot@ServidorLinuxO4:/var/www/html/ciclos# ls /var/www/html/ciclos –l
total 16
-rw-r--r-- 1 root root
                           29 dic
                                    2 12:00 asir.html
rw-r--r-- 1 root root
                           28 dic
                                    2 11:59 dam.html
                                    2 11:59 daw.html
                           28 dic
 rw-r--r-- 1 root root
 rw-r--r-- 1 root root 1402 dic
                                    2 11:55 listado.html
 oot@ServidorLinuxO4:/var/www/html/ciclos# _
```

Comprobamos con despligeue / ciclos / html



sudo nano despliegue.html



Desde W7 abrimos el navegador y establecemos conexión en internet



 despliegue.html
 2021-12-02 11:44
 26

 fp.html
 2021-12-02 11:48
 44

 indice.html
 2021-12-02 10:50 11K

pache/2.4.41 (Ubuntu) Server at 192.168.206.171 Port 80

Nos envia correctamente al index, y ahora vamos a renombrar el fichero index.html a indicie.html

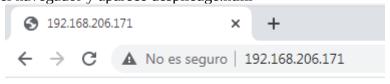
root@ServidorLinuxO4:/var/www/html# mv index.html indice.html\_

Al ya cambiarlo sale como la imagen de arriba, por lo que iremos al archivo /etc/apache2/sites-available/default

```
GNU nano 4.8
                                                                                                                      Modifi
                                      /etc/apache2/sites-available/000-default.conf
         # match this virtual host. For the default virtual host (this file) this # value is not decisive as it is used as a last resort host regardless.
          # However, you must set it for any further virtual host explicitly.
          #ServerName www.example.com
          ServerAdmin webmaster@localhost
          DocumentRoot /var/www/html
          # Available loglevels: trace8, ..., trace1, debug, info, notice, warn,
          # error, crit, alert, emerg.
          # It is also possible to configure the loglevel for particular
          #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 the
# 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
/VirtualHost>
 vim: syntax=apache ts=4 sw=4 sts=4 sr noet
<Directory /var/www/html/>
DirectoryIndex despliegue.html
Options Indexes FollowSynLinks MultiViews
AllowOverride None
Order allow,deny
allow from all
:/Directory>_
```

Reiniciamos para que haga efecto.

Desde W7 abrimos el navegador y aparece desplieuge.html



sudo nano despliegue.html

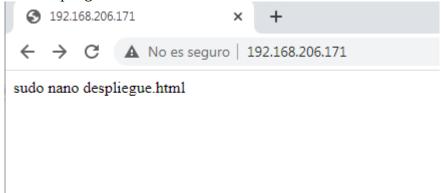
Creamos nueva directoria desde ciclos, despues observaremos que se ha definido en indexes y volvemos a reinicar el servidor con sudo service apache2 stop y start

```
# VIM: Syntax=apache ts=4 sw=4 sts=4 sh hoet

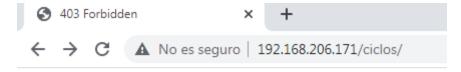
<Directory /var/www/html>
  DirectoryIndex despliegue.html
  Options Indexes FollowSymLinks MultiViews
  AllowOverride None
  Order allow,deny
  allow from all
  </Directory>
  <Directory /var/www/ciclos>
   Options FollowSymLinks MultiViews
   Order allow,deny
  allow from all
  </Directory>

root@ServidorLinuxO4:/var/www/html# sudo service apache2 stop
  root@ServidorLinuxO4:/var/www/html# sudo service apache2 start
  root@ServidorLinuxO4:/var/www/html#
```

Nos vuelve a aprecer despliegue como indice al meternos



Y si pones /ciclos nos da el error 403 Forbbiden

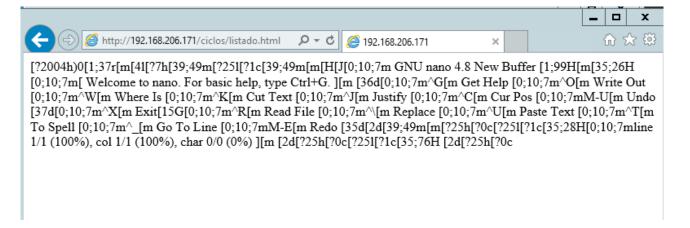


## Forbidden

You don't have permission to access this resource.

Apache/2.4.41 (Ubuntu) Server at 192.168.206.171 Port 80

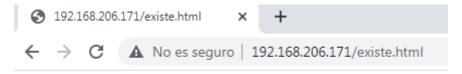
Pero si pones /listado.html despues, si funciona



Volvemos a abrir el archivo para editarlo y ponerle que nos visualice el error 404

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

ErrorDocument 404 "Pagina no encontrada en la red daw04.net"
# 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 the
# 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
irtualHost>
```



Pagina no encontrada en la red daw04.net

Configuramos para que de error y nos lleve a la pagina 404.html

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

ErrorDocument 404 /404.html
# For most configuration files from conf—available/, which
# enabled or disabled at a global level, it is possible to
# include a line for only one particular virtual host. For
# following line enables the CGI configuration for this hos
# after it has been globally disabled with "a2disconf".
#Include conf—available/serve—cgi—bin.conf
/VirtualHost>

vim: syntax=apache ts=4 sw=4 sts=4 sr noet
```



## Not Found

The requested URL was not found on this server.

Additionally, a 404 Not Found error was encountered while trying to use an ErrorDocument to handle the request.

Apache/2.4.41 (Ubuntu) Server at 192.168.206.171 Port 80

Creamos el directorio /home/alumno/apuntes y creamos apuntes.html, despues editamos el archivo Volvemos a editar el archivo default y utilizamo el alias para /apuntes, volvcemos a reiniciar para que haga efecto

```
Alias /apuntes /home/alumno/apuntes

<Directory /home/alumno/apuntes>

Options Indexes FollowSymLinks MultiViews

AllowOverride None

Order allow,deny

allow from all

</Directory>

root@ServidorLinuxO4:/home/alumno# sudo service apache2 stop

root@ServidorLinuxO4:/home/alumno# sudo service apache2 start

root@ServidorLinuxO4:/home/alumno# ______
```

## NO hay permisos

Volvemos a editar el archivo y creamos una redireccion a /fp con Redirect *fp http:*/www.todofp.es y al meternos en /fp nos redirige a esa pagina

