

NGINX

Instalar

```
sudo apt update
sudo apt install nginx
cd
```

Ir a los archivos de configuración

En **/etc/nginx/sites-available**

Copiar el default y cambiar:

```
root /var/www/cifpcm2;

# Add index.php to the list if you are using PHP
index index.html index.htm index.nginx-debian.html;

server_name www2.cifpcm.test;

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

Enable

```
sudo ln -s /etc/nginx/sites-available/cifpcm2.conf /etc/nginx/sites-enabled/cifpcm2.conf
patrick@ls19:/etc/nginx$ ls -l sites-enabled/
total 0
lrwxrwxrwx 1 root root 39 oct 29 13:15 cifpcm2.conf -> /etc/nginx/sites-available/cifpcm2.conf
lrwxrwxrwx 1 root root 34 oct 29 12:20 default -> /etc/nginx/sites-available/default
```

Crear el /var/www/cifpcm2/index.html

sudo mkdir cifpcm2

```
patrick@ls19:/var/www/cifpcm2$ ls -l
total 4
-rw-r--r-- 1 root root 303 oct 29 13:20 index.html
patrick@ls19:/var/www/cifpcm2$
```

Hacer acceso privado (No se crea el htaccess)

En el archivo de configuración:cd /etc

```
root /var/www/cifpcm2;

# Add index.php to the list if you are using PHP
index index.html index.htm index.nginx-debian.html;

server_name www2.cifpcm.test;

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

# CARPETAS PRIVADAS
location /privado {
    auth_basic "Acceso restringido";
    auth_basic_user_file /home/.htpasswd;
}
```

En el home crear el .htpasswd

```
patrick@ls19:/var/www$ ls -la /home
total 16
drwxr-xr-x  3 root    root    4096 oct 30 12:48 .
drwxr-xr-x 23 root    root    4096 sep 18 12:14 ..
-rw-r--r--  1 root    root      90 oct 30 12:48 .htpasswd
drwxr-x---  5 patrick patrick 4096 oct 11 08:21 patrick
```

En htpasswd ir a un generador => copiar y pegar (dentro del .htpasswd)

<https://hostingcanada.org/htpasswd-generator/>

Crear privado y private.html

```
patrick@ls19:/var/www/cifpcm2$ ls -l
total 8
-rw-r--r-- 1 root root  336 oct 30 12:38 index.html
drwxr-xr-x 2 root root 4096 oct 30 12:50 privado
patrick@ls19:/var/www/cifpcm2$
```

Página de Error

Crear /var/www/daw/errores

```
patrick@ls19:/var/www$ sudo mkdir daw2
patrick@ls19:/var/www$ sudo mkdir daw2/errores
patrick@ls19:/var/www$ ls -l daw2/
total 4
drwxr-xr-x 2 root root 4096 oct 30 13:10 errores
patrick@ls19:/var/www$
```

Crear archivo de configuración

```
root /var/www/daw2;

# Add index.php to the list if you are using PHP
index index.html index.htm index.nginx-debian.html;

server_name www2.daw.edu;

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

Enable

```
ln -s /etc/nginx/sites-available/daw2.conf /etc/nginx/sites-enabled/daw2.conf
```

La zona de db.daw.edu

Añadir el alias

www	IN	CNAME	ns2
www2	IN	CNAME	ns1
tornillo	IN	CNAME	ns2

En el archivo de configuración

```
#MANEJAR EL ERROR 404
error_page 404 /errores/error.html;
```

Redirección a HTTPS

```
return 301 https://$host$request_uri;  
# pass PHP scripts to FastCGI server  
server {  
    listen 443 ssl;  
    server_name www.webtic20.edu;  
  
    ssl_certificate /etc/ssl/certs/vsftpd.pem;  
    ssl_certificate_key /etc/ssl/private/vsftpd.key;  
  
    root /home/www.webtic20.edu/public_html;  
    index index.html;  
  
    location / {  
        try_files $uri $uri/ =404;  
    }  
}
```