

# UT04 VSFTPD

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## Añadir usuarios

```
patrick@ls19:~$ sudo adduser tic20 --home /home/www.webtic20.edu --shell /sbin/nologin
info: Adding user `tic20' ...
info: Selecting UID/GID from range 1000 to 59999 ...
info: Adding new group `tic20' (1001) ...
info: Adding new user `tic20' (1001) with group `tic20 (1001)' ...
info: Creating home directory `/home/www.webtic20.edu' ...
info: Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for tic20
Enter the new value, or press ENTER for the default
  Full Name []:
  Room Number []:
  Work Phone []:
  Home Phone []:
  Other []:
Is the information correct? [Y/n] y
info: Adding new user `tic20' to supplemental / extra groups `users' ...
info: Adding user `tic20' to group `users' ...
patrick@ls19:~$
```

Quitar permisos de escritura del home

```
sudo chmod a-w /home/www.webtic20.edu
sudo chmod a-w /home/www.webtoc20.edu
```

Creamos carpetas y les asignamos los usuarios

```
sudo mkdir /home/www.webtic20.edu/public_html
sudo mkdir /home/www.webtoc20.edu/public_html

sudo chown tic20:tic20 /home/www.webtic20.edu/public_html
sudo chown toc20:toc20 /home/www.webtoc20.edu/public_html
```

# Configurar Vsftpd

**local\_enable=YES**

**write\_enable=YES**

**chroot\_local\_user=YES**

En **pam.d/vsftpd** comentar el **auth required pam\_shells.so**

**Reiniciar servicio.**

## Configurar DNS

Crear zonas

```
zone "webtic20.edu"{
    type master;
    file "/etc/bind/db.webtic";
};

zone "webtoc20.edu"{
    type master;
    file "/etc/bind/db.webtoc";
};
```

## Configurar Nginx

```
root /home/www.webtic20.edu/public_html;

# Add index.php to the list if you are using PHP
index index.html;

server_name www.webtic20.edu;
```

```
patrick@ls19:/etc/nginx/sites-available$ sudo ln -s /etc/nginx/sites-available/webtic20.conf /etc/nginx/sites-enabled/webtic20.conf
patrick@ls19:/etc/nginx/sites-available$ sudo ln -s /etc/nginx/sites-available/webtoc20.conf /etc/nginx/sites-enabled/webtoc20.conf
```

## Hacer que se vea la página

```
sudo usermod -d /home/www.webtic20.edu -a -G www-data tic20
sudo usermod -d /home/www.webtoc20.edu -a -G www-data toc20
```

```
sudo chown tic20:www-data -R /home/www.webtic20.edu
sudo chown toc20:www-data -R /home/www.webtoc20.edu
```

```
sudo chmod g+w /home/www.webtic20.edu/public_html
sudo chmod g+w /home/www.webtoc20.edu/public_html
```

## Certificado SSL

```
patrick@ls19:/etc$ sudo openssl req -x509 -nodes -days 365 -newkey rsa:2048 -keyout /etc/ssl/private/vsftpd.key -out /etc/ssl/certs/vsftpd.pem
```

```
You are about to be asked to enter information that will be incorporated
into your certificate request.
What you are about to enter is what is called a Distinguished Name or a DN.
There are quite a few fields but you can leave some blank
For some fields there will be a default value,
If you enter '.', the field will be left blank.
```

```
-----
Country Name (2 letter code) [AU]:SP
State or Province Name (full name) [Some-State]:SC
Locality Name (eg, city) []:SC
Organization Name (eg, company) [Internet Widgits Pty Ltd]:PEPE
Organizational Unit Name (eg, section) []:Peposos
Common Name (e.g. server FQDN or YOUR name) []:Pedro
Email Address []:email.email.pepe
patrick@ls19:/etc$
```

## 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;
    }
}
```

## Nslookup

```
patrick@patrick-LD:~$ nslookup www.webtoc20.edu 172.16.20.11
Server:          172.16.20.11
Address:         172.16.20.11#53

Name:   www.webtoc20.edu
Address: 172.16.20.11

patrick@patrick-LD:~$ nslookup ftp1.webtoc20.edu 172.16.20.11
Server:          172.16.20.11
Address:         172.16.20.11#53

Name:   ftp1.webtoc20.edu
Address: 172.16.20.11

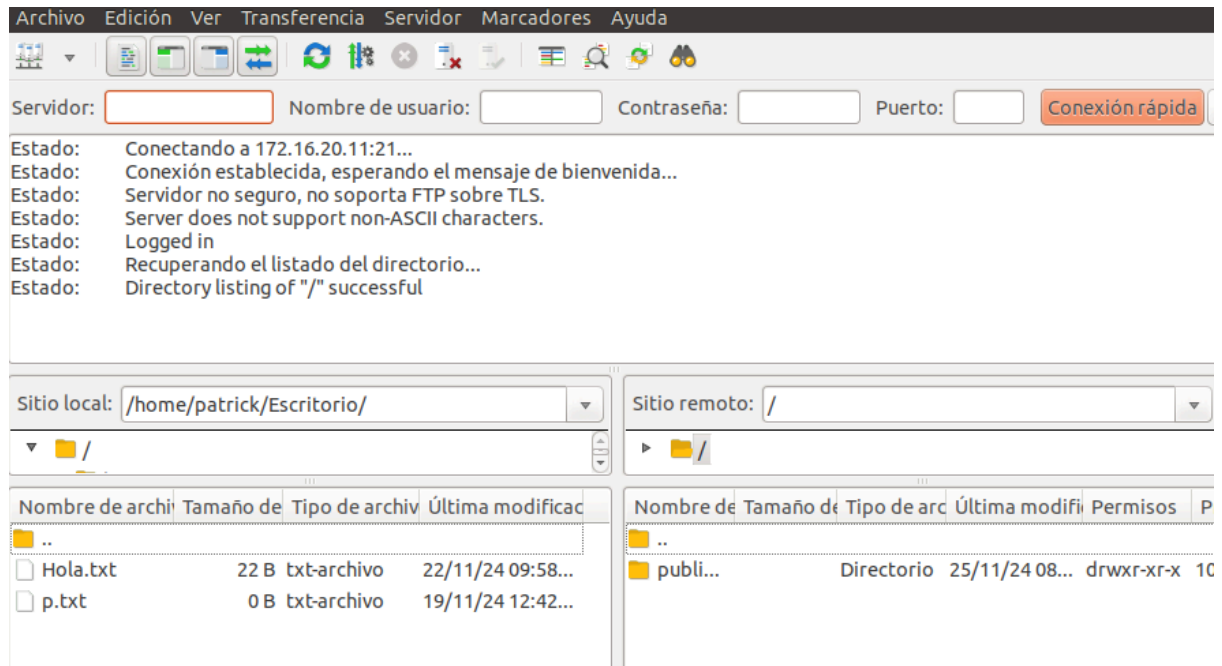
patrick@patrick-LD:~$ nslookup ftp1.webtic20.edu 172.16.20.11
Server:          172.16.20.11
Address:         172.16.20.11#53

Name:   ftp1.webtic20.edu
Address: 172.16.20.11

patrick@patrick-LD:~$ nslookup www.webtic20.edu 172.16.20.11
Server:          172.16.20.11
Address:         172.16.20.11#53

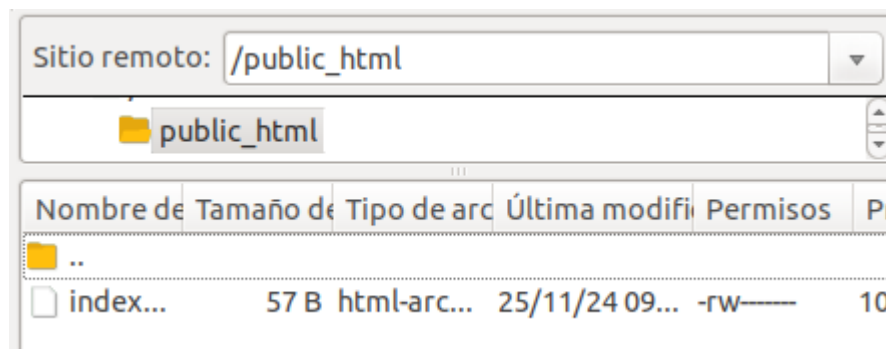
Name:   www.webtic20.edu
Address: 172.16.20.11
```

## Conexión con tic/toc con filezilla

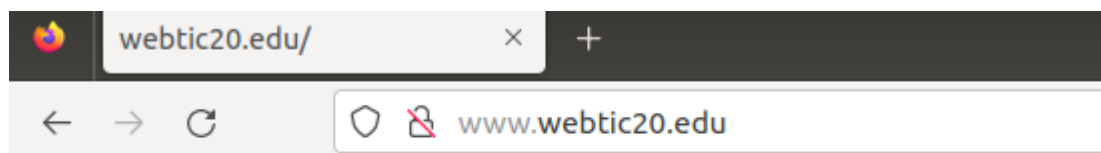


No se puede acceder a la raíz y solo se puede acceder a public\_html

## Pasar el index del desktop al server



## Página



Esto es el index pasado del desktop al servidor via ftp

# Página redireccionada

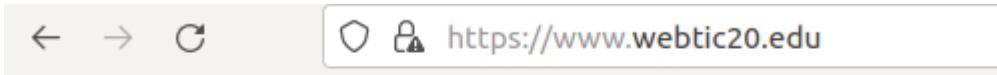


## Advertencia: riesgo potencial de seguridad a continuación

Firefox ha detectado una posible amenaza de seguridad y no ha cargado **www.webtic20.edu**. Si visita este sitio, los atacantes podrían intentar robar información como sus contraseñas, correos electrónicos o detalles de su tarjeta de crédito.

[Más información...](#)

Retroceder (recomendado)Avanzado...



Esto es el index pasado del desktop al servidor via ftp

# Inspector

