



**TECNOLÓGICO  
NACIONAL DE MÉXICO**

TECNOLÓGICO DE COLIMA

**ALUMNO:**

Kevin Miguel Carrillo Santana

**NÚMERO DE CONTROL:**

20460207

**CARRERA:**

Ingeniería Informática

**ASIGNATURA:**

Administración De Servidores

**ACTIVIDAD**

Instalación de FTP en ubuntu linux

**Periodo:**

agosto 2023 – diciembre 2023

**Docente:**

Jorge Guadalupe Castellanos Morfin

# Investigación e Instalación de servicio FTP en Ubuntu Server

\$ sudo apt update

```
root@themich54: /home/ther x + v
root@themich54:/home/themich54# sudo apt update
Obj:1 http://security.ubuntu.com/ubuntu lunar-security InRelease
Obj:2 http://mx.archive.ubuntu.com/ubuntu lunar InRelease
Obj:3 http://mx.archive.ubuntu.com/ubuntu lunar-updates InRelease
Obj:4 http://mx.archive.ubuntu.com/ubuntu lunar-backports InRelease
Leyendo lista de paquetes... Hecho
Creando árbol de dependencias... Hecho
Leyendo la información de estado... Hecho
Se pueden actualizar 21 paquetes. Ejecute «apt list --upgradable» para verlos.
root@themich54:/home/themich54# |
```

\$ sudo apt install vsftpd

```
root@themich54:/home/themich54# sudo apt install vsftpd
Leyendo lista de paquetes... Hecho
Creando árbol de dependencias... Hecho
Leyendo la información de estado... Hecho
Se instalarán los siguientes paquetes adicionales:
  ssl-cert
Se instalarán los siguientes paquetes NUEVOS:
  ssl-cert vsftpd
0 actualizados, 2 nuevos se instalarán, 0 para eliminar y 21 no actualizados.
Se necesita descargar 140 kB de archivos.
Se utilizarán 391 kB de espacio de disco adicional después de esta operación.
¿Desea continuar? [S/n] s
Des:1 http://mx.archive.ubuntu.com/ubuntu lunar/main amd64 ssl-cert all 1.1.2 [17,4 kB]
Des:2 http://mx.archive.ubuntu.com/ubuntu lunar/main amd64 vsftpd amd64 3.0.5-0ubuntu1 [123 kB]
Descargados 140 kB en 1s (109 kB/s)
|
```

\$ sudo cp /etc/vsftpd.conf /etc/vsftpd.conf.original

```
root@themich54:/home/ther x + v
root@themich54:/home/themich54# sudo cp /etc/vsftpd.conf /etc/vsftpd.conf.original
root@themich54:/home/themich54# |
```

\$ sudo ufw allow 20/tcp

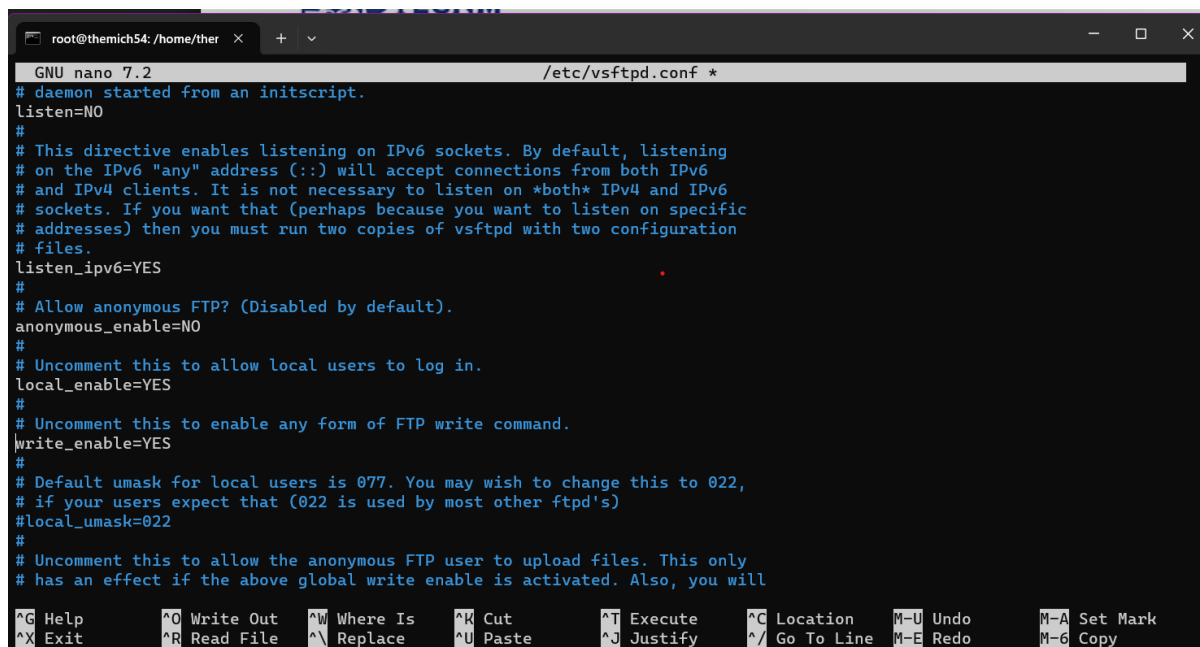
\$ sudo ufw allow 21/tcp

\$ sudo ufw allow 990/tcp

\$ sudo ufw allow 40000:50000/tcp

```
root@themich54:/home/ther x + v
root@themich54:/home/themich54# sudo ufw allow 20/tcp
Rules updated
Rules updated (v6)
root@themich54:/home/themich54# sudo ufw allow 21/tcp
Rules updated
Rules updated (v6)
root@themich54:/home/themich54# sudo ufw allow 990/tcp
Rules updated
Rules updated (v6)
root@themich54:/home/themich54# sudo ufw allow 40000:50000/tcp
Rules updated
Rules updated (v6)
root@themich54:/home/themich54# |
```

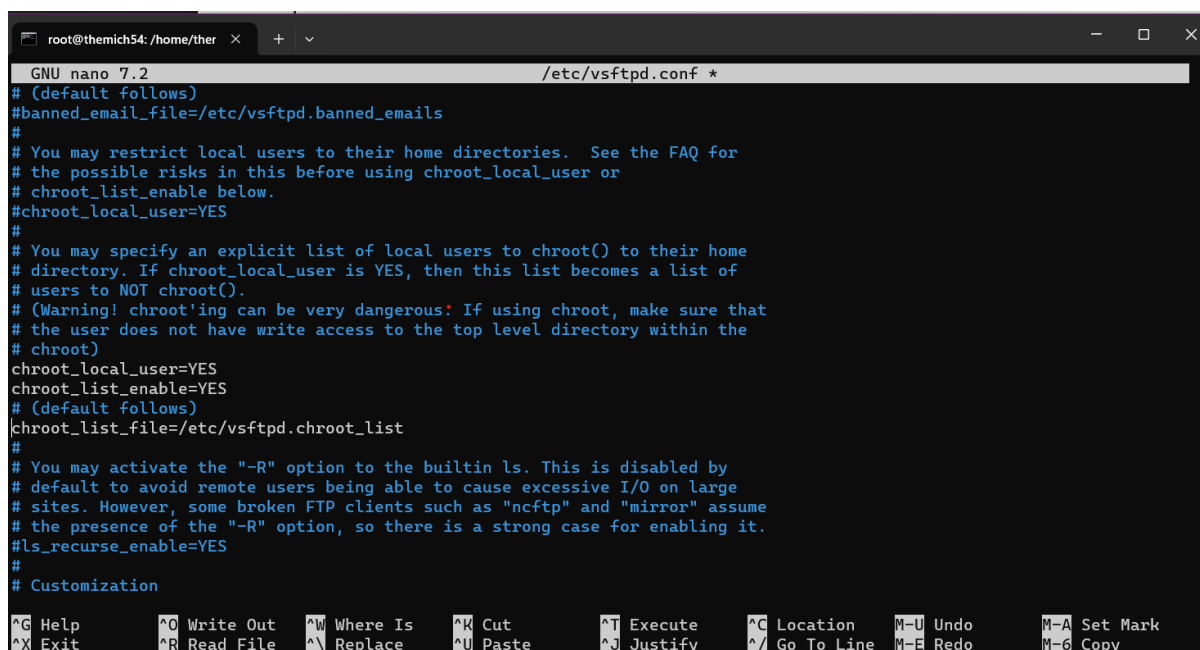
```
$ sudo chown themich54:themich54 ftp/
```



```
GNU nano 7.2 /etc/vsftpd.conf *
# daemon started from an initscript.
listen=NO
#
# This directive enables listening on IPv6 sockets. By default, listening
# on the IPv6 "any" address (:::) will accept connections from both IPv6
# and IPv4 clients. It is not necessary to listen on *both* IPv4 and IPv6
# sockets. If you want that (perhaps because you want to listen on specific
# addresses) then you must run two copies of vsftpd with two configuration
# files.
listen_ipv6=YES
#
# Allow anonymous FTP? (Disabled by default).
anonymous_enable=NO
#
# Uncomment this to allow local users to log in.
local_enable=YES
#
# Uncomment this to enable any form of FTP write command.
write_enable=YES
#
# Default umask for local users is 077. You may wish to change this to 022,
# if your users expect that (022 is used by most other ftpd's)
local_umask=022
#
# Uncomment this to allow the anonymous FTP user to upload files. This only
# has an effect if the above global write enable is activated. Also, you will
```

Después debemos descomentar las líneas que ponen:

- `chroot_local_user=YES`
- `chroot_list_enable=YES`
- `chroot_list_file=/etc/vsftpd.chroot_list`



```
GNU nano 7.2 /etc/vsftpd.conf *
# (default follows)
#banned_email_file=/etc/vsftpd.banned_emails
#
# You may restrict local users to their home directories. See the FAQ for
# the possible risks in this before using chroot_local_user or
# chroot_list_enable below.
chroot_local_user=YES
#
# You may specify an explicit list of local users to chroot() to their home
# directory. If chroot_local_user is YES, then this list becomes a list of
# users to NOT chroot().
# (Warning! chroot'ing can be very dangerous! If using chroot, make sure that
# the user does not have write access to the top level directory within the
# chroot)
chroot_local_user=YES
chroot_list_enable=YES
# (default follows)
chroot_list_file=/etc/vsftpd.chroot_list
#
# You may activate the "-R" option to the builtin ls. This is disabled by
# default to avoid remote users being able to cause excessive I/O on large
# sites. However, some broken FTP clients such as "ncftp" and "mirror" assume
# the presence of the "-R" option, so there is a strong case for enabling it.
ls_recurse_enable=YES
#
# Customization
```

Por último, al final del archivo agregamos las siguientes líneas:

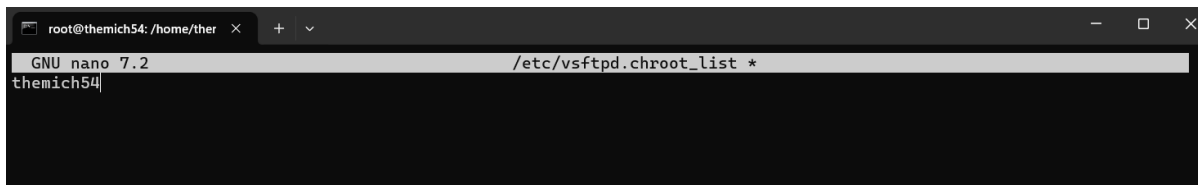
- user\_sub\_token=\$USER
- local\_root=/home/\$USER/ftp
- pasv\_min\_port=40000
- pasv\_max\_port=50000

```
#Usuarios permitidos y rutas de acceso
user_sub_token=$USER
local_root=/home/$USER/ftp

# Puertos de conexion
pasv_min_port=40000
pasv_max_port=50000
```



\$ sudo nano /etc/vsftpd.chroot\_list



.