

## CONFIGURAR UN SERVIDOR FTP EN UBUNTU SERVER

Vsftpd



3 DE FEBRERO DE 2023

IES COMERCIO Javier Ruiz Muro

## root@javierrm:~/.ssh# apt-get update

root@javierrm:~/.ssh# apt-get install vsftpd\_

root@javierrm:~/.ssh# cp /etc/vsftpd.conf /etc/vsftpd.conf.original root@javierrm:~/.ssh# \_

root@javierrm:~/.ssh# ufw status

Status: active

To Action From
-- ----Apache ALLOW Anywhere
Apache (v6) ALLOW Anywhere (v6)

root@javierrm:~/.ssh# \_

root@javierrm:~/.ssh# ufw allow 20/tcp

Rule added

Rule added (v6)

root@javierrm:~/.ssh# ufw allow 21/tcp

Rule added

Rule added (v6)

root@javierrm:~/.ssh# ufw allow 990/tcp

Rule added

Rule added (v6)

root@javierrm:~/.ssh# ufw allow 40000:50000/tcp

Rule added

Rule added (v6)

root@javierrm:~/.ssh#

root@javierrm:~/.ssh# \_

```
root@javierrm:~/.ssh# ufw status
```

Status: active

То	Action	From
Apache	ALLOW	Anywhere
20/tcp	ALLOW	Anywhere
21/tcp	ALLOW	Anywhere
990/tcp	ALLOW	Anywhere
40000:50000/tcp	ALLOW	Anywhere
Apache (v6)	ALLOW	Anywhere (v6)
20/tcp (v6)	ALLOW	Anywhere (v6)
21/tcp (v6)	ALLOW	Anywhere (v6)
990/tcp (v6)	ALLOW	Anywhere (v6)
40000:50000/tcp (v6)	ALLOW	Anywhere (v6)

```
root@javierrm:~/.ssh# adduser jruiz
Adding user `jruiz' ...
Adding new group `jruiz' (1001) ...
Adding new user `jruiz' (1001) with group `jruiz' ...
Creating home directory `/home/jruiz' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
No password has been supplied.
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for jruiz
Enter the new value, or press ENTER for the default
         Full Name []: javier
         Room Number []:
Work Phone []:
         Home Phone []:
         Other []:
Is the information correct? [Y/n] y
root@javierrm:~/.ssh#
 root@javierrm:~/.ssh# mkdir /home/jruiz/ftp
 root@javierrm:~/.ssh# chown nobody:nogroup /home/jruiz/ftp
root@javierrm:~/.ssh# chmod a—w /home/jruiz/ftp
 root@javierrm:~/.ssh# ls -la /home/jruiz/ftp
 total 8
 dr-xr-xr-x 2 nobody nogroup 4096 feb 3 15:44 .
 drwxr-x--- 3 jruiz jruiz 4096 feb 3 15:44 ...
 root@javierrm:~/.ssh#
  root@javierrm:~/.ssh# mkdir /home/jruiz/ftp/files
  root@javierrm:~/.ssh# chown jruiz:jruiz /home/jruiz/ftp/files
  root@javierrm:~/.ssh# _
root@javierrm:~/.ssh# echo "vsftpd sample file" | tee /home/jruiz/ftp/files/sample.txt
vsftpd sample file
root@javierrm:~/.ssh# _
# 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 (O22 is used by most other ftpd's)
#local_umask=022
# 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
# Uncomment this to indicate that vsftpd use a utf8 filesystem.
#utf8_filesystem=YES
user_sub_token=$USER
local_root=/home/$USER/ftp
# Uncomment this to indicate that vsftpd use a utf8 filesystem.
#utf8_filesystem=YES
user_sub_token=$USER
local_root=/home/$USER/ftp
pasv_min_port=40000
pasv_max_port=50000
userlist_enable=YES
userlist_file=/etc/vsftpd.userlist
userlist_deny=NO
root@javierrm:~/.ssh# echo "jruiz" | tee -a /etc/vsftpd.userlist
jruiz
root@javierrm:~/.ssh# _
root@javierrm:~/.ssh# echo "jruiz" | tee -a /etc/vsftpd.userlist
jruiz
root@javierrm:~/.ssh# cat /etc/vsftpd.userlist
jruiz
root@javierrm:~/.ssh# systemctl restart vsftpd
root@javierrm:~/.ssh# _
```

```
GNU nano 6.4
                                                           /etc/vsftpd.conf
   s_recurse_enable=YES
# Customization
# Some of vsftpd's settings don't fit the filesystem layout by
# default.
# This option should be the name of a directory which is empty. Also, the
# directory should not be writable by the ftp user. This directory is used
# as a secure chroot() jail at times vsftpd does not require filesystem
secure_chroot_dir=/var/run/vsftpd/empty
# This string is the name of the PAM service vsftpd will use.
pam_service_name=vsftpd
# encrypted connections.
#rsa_cert_file=/etc/ssl/certs/ssl-cert-snakeoil.pem
#rsa_private_key_file=/etc/ssl/private/ssl-cert–snakeoil.key
rsa_cert_file=/etc/ssl/private/vsftpd.pem
rsa_private_key_file=/etc/ssl/private/vsftpd.pem
ssl_enable=YES
allow_anon_ssl=NO
force_local_data_ssl=YES
force_local_logins_ssl=YES
ssl_tlsv1=YES
ssl_ssñv2=NO
ssl_sslv3=NO
require_ssl_reuse=NO
ssl_ciphers=HIGH_
                                                     [ Wrote 172 lines
                                     ^W Where Is
^∖ Replace
                                                                             Execute
Justify
                                                                                             Write Out
Read File
   Help
Exit
                                                          Cut
                                                           Paste
```