

INSTALACIÓN DE SERVIDOR FTP EN LINUX



Empezamos actualizando los repositorios para asegurarnos de encontrar el programa vsftpd

```
jaime@vbox-ftp:~$ sudo apt update
```

Instalar vsftpd

```
jaime@vbox-ftp:~$ sudo apt install vsftpd
```

Crear copia de seguridad por si en algún momento hacemos algo mal

```
jaime@vbox-ftp:~$ sudo cp /etc/vsftpd.conf /etc/vsftpd.conf.backup
jaime@vbox-ftp:~$ sudo nano /etc/vsftpd.conf
jaime@vbox-ftp:~$ sudo adduser ftpadmin
```

Crear carpeta para el servidor ftp

```
jaime@vbox-ftp:~$ sudo mkdir ftp
```

Cambiar el dueño de la carpeta al nuevo usuario llamado ftpadmin utilizando el comando chown y chmod

```
jaime@vbox-ftp:~$ sudo chown ftpadmin:ftpadmin ftp/
jaime@vbox-ftp:~$ sudo chmod 755 ftp/
jaime@vbox-ftp:~$ sudo nano /etc/vsftpd.conf
jaime@vbox-ftp:~$ sudo nano /etc/vsftpd.conf
jaime@vbox-ftp:~$ sudo systemctl restart vsftpd.service
jaime@vbox-ftp:~$ sudo systemctl status vsftpd.service
● vsftpd.service - vsftpd FTP server
   Loaded: loaded (/lib/systemd/system/vsftpd.service; enabled; vendor prese
   Active: active (running) since Tue 2025-01-28 13:28:49 CET; 4s ago
     Process: 4427 ExecStartPre=/bin/mkdir -p /var/run/vsftpd/empty (code=exite
   Main PID: 4428 (vsftpd)
      Tasks: 1 (limit: 7025)
     Memory: 532.0K
        CGroup: /system.slice/vsftpd.service
                └─4428 /usr/sbin/vsftpd /etc/vsftpd.conf

ene 28 13:28:49 vbox-ftp systemd[1]: Starting vsftpd FTP server...
ene 28 13:28:49 vbox-ftp systemd[1]: Started vsftpd FTP server.
```

Instalar filezilla cliente

```
jaime@vbox-ftp:~$ sudo apt-get install filezilla
```

Modificamos el archivo de configuración del servidor FTP accediendo al archivo /etc/vsftpd.conf, para eso debemos ser usuario sudoer

```
jaime@vbox-ftp:~$ sudo nano /etc/vsftpd.conf
```

Modificamos los siguientes campos del archivo /etc/vsftpd.conf:

```
listen=NO
```

```
listen_ipv6=YES
```

```
anonymous_enable=NO
```

```
local_enable=YES
```

```
write_enable=YES
```

```
dirmessage_enable=YES
```

```
xferlog_enable=YES
```

```
connect_from_port_20=YES
```

```
xferlog_file=/var/log/vsftpd.log
```

```
idle_session_timeout=300
```

```
data_connection_timeout=120
```

```
secure_chroot_dir=/var/run/vsftpd/empty
```

```
pam_service_name=vsftpd
```

```
rsa_cert_file=/etc/ssl/certs/ssl-cert-snakeoil.pem
```

```
rsa_private_key_file=/etc/ssl/private/ssl-cert-snakeoil.key
```

```
ssl_enable=NO
```

```
chroot_local_user=YES
```

```
allow_writeable_chroot=YES
```

```
max_clients=50
```

```
local_max_rate=102400
```

```
dual_log_enable=YES
```

```
log_ftp_protocol=YES
```

Monitorización de registros:

```
jaime@vbox-ftp:~$ sudo tail -f /var/log/vsftpd.log
[sudo] contraseña para jaime:
Tue Jan 28 13:39:02 2025 [pid 5456] [ftpadm] FTP response: Client "::ffff:127.0.0.1", "227 Ent
ering Passive Mode (127,0,0,1,228,241)."
```



```
Tue Jan 28 13:39:02 2025 [pid 5456] [ftpadm] FTP command: Client "::ffff:127.0.0.1", "STOR hol
a.txt"
Tue Jan 28 13:39:02 2025 [pid 5456] [ftpadm] FTP response: Client "::ffff:127.0.0.1", "150 Ok
to send data."
Tue Jan 28 13:39:02 2025 1 ::ffff:127.0.0.1 35 /hola.txt a _ i r ftpadmin ftp 0 * c
Tue Jan 28 13:39:02 2025 [pid 5456] [ftpadm] OK UPLOAD: Client "::ffff:127.0.0.1", "/hola.txt"
, 35 bytes, 39.98Kbyte/sec
Tue Jan 28 13:39:02 2025 [pid 5456] [ftpadm] FTP response: Client "::ffff:127.0.0.1", "226 Tra
nsfer complete."
Tue Jan 28 13:40:06 2025 [pid 5448] [ftpadm] FTP command: Client "::ffff:127.0.0.1", "MKD carp
eta ejemplo"
Tue Jan 28 13:40:06 2025 [pid 5448] [ftpadm] OK MKDIR: Client "::ffff:127.0.0.1", "/carpeta ej
emplo"
Tue Jan 28 13:40:06 2025 [pid 5448] [ftpadm] FTP response: Client "::ffff:127.0.0.1", "257 "/c
arpeta ejemplo" created"
Tue Jan 28 13:45:06 2025 [pid 5448] [ftpadm] FTP response: Client "::ffff:127.0.0.1", "421 Tim
eout."
```