

Setting up an FTP Server:

vsftpd, which stands for "**Very Secure FTP Daemon**", is an FTP server for Unix-like systems, including Linux.

Step 1: Check if FTP is installed in the machine or not.

```
rpm -qa|grep ftp
```

Step 2: If FTP is not installed already, install FTP in machine.

```
root: su
```

```
password: password of root
```

```
dnf install vsftpd -y
```

 (command for vsftpd installation)

```
systemctl start vsftpd
```

 (command for service start)

```
systemctl status vsftpd
```

 (command for status check)

Step 3: Edit the vsftpd configuration file located at /etc/vsftpd/vsftpd.conf

```
pluma /etc/vsftpd/vsftpd.conf
```

Edit the text file:

```
anonymous_enable =NO
```

```
enable_listen directive as YES for IPV4
```

```
enable_listen directive as NO for IPV6
```

```
Save and exit
```

Step 4: Restart the vsftpd service.

```
systemctl restart vsftpd
```

Step 5: Configure Firewall to allow FTP:

```
firewall-cmd --add-service=ftp --permanent
```

```
firewall-cmd --reload
```

For Client Machine:

Step 6: Installation of FTP

```
dnf install ftp
```

Step 7: Transfer file between server and client:

```
ftp server_ip_address
```

```
ftp> put filename (for send)
```

```
ftp> get filename (for receive)
```

Step 8: Remove FTP and vsftpd:

```
dnf remove ftp
```

```
dnf remove vsftpd
```