FTP Server

Server-side configuration

Make sure repo create new for server side.

Install vsftpd

```
[root@vivek ~]# yum -y install vsftpd
```

Configure vsftpd

```
[root@vivek ftp]# vi /etc/vsftpd/vsftpd.conf
```

```
# Allow anonymous FTP? (Beware - allowed by default if you comment this out).
anonymous_enable=YES
#
```

```
# When SELinux is enforcing check for SE bool ftp_home_dir
local_enable=YES
#
```

```
# Uncomment this to enable any form of FTP write command.
write_enable=YES
#
```

```
# Make sure PORT transfer connections originate from port 20 (ftp-data).
connect_from_port_20=YES
#
```

```
# 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
#
```

Add file enable manually port

```
pasv_enable=yes
pasv_max_port=64000
pasv_min_port=64321
```

Restart the vsftpd service

```
[root@vivek ~]# systemctl restart vsftpd
```

Then set the vsftpd service to start at boot

```
[root@vivek ~]# systemctl enable vsftpd
[root@vivek ~]#
[root@vivek ~]# systemctl status vsftpd
● vsftpd.service - Vsftpd ftp daemon
   Loaded: loaded (/usr/lib/systemd/system/vsftpd.service; enabled; vendor preset: disabled)
   Active: active (running) since Tue 2022-02-22 03:05:36 EST; 2min 38s ago
 Main PID: 2243 (vsftpd)
    Tasks: 1 (limit: 11160)
   Memory: 556.0K
   CGroup: /system.slice/vsftpd.service
           └─2243 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf

Feb 22 03:05:36 vivek.gandhi.com systemd[1]: Stopped Vsftpd ftp daemon.
Feb 22 03:05:36 vivek.gandhi.com systemd[1]: Starting Vsftpd ftp daemon...
Feb 22 03:05:36 vivek.gandhi.com systemd[1]: Started Vsftpd ftp daemon.
```

FTP Server

Allow vsftpd Through the Firewall

Allow the default FTP port, port 21, through firewalld

```
[root@vivek ~]# firewall-cmd --permanent --add-port=21/tcp
success
```

reload the firewall

```
[root@vivek ~]# firewall-cmd --reload
success
```

```
[root@vivek /]# firewall-cmd --permanent --add-port=20/tcp
success
[root@vivek /]# firewall-cmd --reload
success
```

```
[root@vivek ~]# firewall-cmd --zone=public --permanent --add-service=ftp
success
[root@vivek ~]# firewall-cmd --reload
success
[root@vivek ~]# firewall-cmd --list-services
cockpit dhcpv6-client ftp ssh
[root@vivek ~]# firewall-cmd --permanent --zone=public --add-port=64000-64321/tcp
success
[root@vivek ~]# firewall-cmd --reload
success
[root@vivek ~]#
```

DOWNLOAD FILE MEANS :- SERVER TO CLIENT SIDE TRANSFER TO COPY FILES

UPLOAD FILE MEANS :- CLIENT TO SEVER SIDE TRANSFER TO COPY FILE

FTP Server

Enable to selinux in server

Selinux status check

```
[root@vivek ~]# sestatus
SELinux status:                 enabled
SELinuxfs mount:                /sys/fs/selinux
SELinux root directory:         /etc/selinux
Loaded policy name:             targeted
Current mode:                   enforcing
Mode from config file:          enforcing
Policy MLS status:              enabled
Policy deny_unknown status:     allowed
Memory protection checking:     actual (secure)
Max kernel policy version:      31
```

Check the Booleans for ftp

```
[root@vivek ~]# getsebool -a |grep ftp
Error getting active value for -a
[root@vivek ~]# getsebool -a |grep ftp
ftpd_anon_write --> off
ftpd_connect_all_unreserved --> off
ftpd_connect_db --> off
ftpd_full_access --> off
ftpd_use_cifs --> off
ftpd_use_fusefs --> off
ftpd_use_nfs --> off
ftpd_use_passive_mode --> off
httpd_can_connect_ftp --> off
httpd_enable_ftp_server --> off
tftp_anon_write --> off
tftp_home_dir --> off
[root@vivek ~]#
```

allow_ftpd_anon_write Boolean value as “on”

```
[root@vivek ~]# setsebool -P allow_ftpd_anon_write on
[root@vivek ~]#
[root@vivek ~]# getsebool -a |grep ftp
ftpd_anon_write --> on
ftpd_connect_all_unreserved --> off
ftpd_connect_db --> off
ftpd_full_access --> off
ftpd_use_cifs --> off
ftpd_use_fusefs --> off
ftpd_use_nfs --> off
ftpd_use_passive_mode --> off
httpd_can_connect_ftp --> off
httpd_enable_ftp_server --> off
tftp_anon_write --> off
tftp_home_dir --> off
```

FTP Server

Client-Side Setup

To connect to ftp server

```
[root@pooja rhel82]# yum install ftp
Updating Subscription Management repositories.
Unable to read consumer identity
This system is not registered to Red Hat Subscription Management. You can use subscription-manager to regist
Repository rhel8 is listed more than once in the configuration
Repository baseos is listed more than once in the configuration
Redhat Enterprise Linux 8.2 -AppStream
Redhat Enterprise Linux 8.2 -baseos
Last metadata expiration check: 0:00:01 ago on Tuesday 22 February 2022 03:28:23 AM EST.
Dependencies resolved.
================================================================================
 Package                 Architecture                 Version
================================================================================
Installing:
 ftp                     x86_64                       0.17-78.el8

Transaction Summary
================================================================================
Install  1 Package

Total size: 70 k
Installed size: 112 k
Is this ok [y/N]: y
Downloading Packages:
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing        :
  Installing       : ftp-0.17-78.el8.x86_64
  Running scriptlet: ftp-0.17-78.el8.x86_64
  Verifying        : ftp-0.17-78.el8.x86_64
Installed products updated.

Installed:
  ftp-0.17-78.el8.x86_64

Complete!
```

Install ip table

```
[root@pooja /]# yum install iptables-services
Updating Subscription Management repositories.
```

```
[root@pooja /]# systemctl start iptables.service
[root@pooja /]# systemctl enable iptables
Created symlink /etc/systemd/system/basic.target.wants/iptables.service → /usr/lib/systemd/system/iptables.service.
[root@pooja /]# systemctl enable ip6tables.service
Created symlink /etc/systemd/system/basic.target.wants/ip6tables.service → /usr/lib/systemd/system/ip6tables.service.
```

```
[root@pooja /]# systemctl start iptables.service
[root@pooja /]# systemctl enable iptables
Created symlink /etc/systemd/system/basic.target.wants/iptables.service → /usr/lib/systemd/system/ipta
[root@pooja /]# systemctl enable ip6tables.service
Created symlink /etc/systemd/system/basic.target.wants/ip6tables.service → /usr/lib/systemd/system/ip6
[root@pooja /]# systemctl start iptables
[root@pooja /]# systemctl start ip6tables.service
[root@pooja /]# systemctl status iptables
● iptables.service - IPv4 firewall with iptables
   Loaded: loaded (/usr/lib/systemd/system/iptables.service; enabled; vendor preset: disabled)
   Active: active (exited) since Tue 2022-02-22 05:33:50 EST; 2min 0s ago
 Main PID: 3652 (code=exited, status=0/SUCCESS)
    Tasks: 0 (limit: 11160)
   Memory: 0B
   CGroup: /system.slice/iptables.service

Feb 22 05:33:50 pooja.gandhi.com systemd[1]: Starting IPv4 firewall with iptables...
Feb 22 05:33:50 pooja.gandhi.com iptables.init[3652]: iptables: Applying firewall rules: [  OK  ]
Feb 22 05:33:50 pooja.gandhi.com systemd[1]: Started IPv4 firewall with iptables.
[root@pooja /]# systemctl status ip6tables.service
● ip6tables.service - IPv6 firewall with ip6tables
   Loaded: loaded (/usr/lib/systemd/system/ip6tables.service; enabled; vendor preset: disabled)
   Active: active (exited) since Tue 2022-02-22 05:35:40 EST; 16s ago
  Process: 3764 ExecStart=/usr/libexec/iptables/ip6tables.init start (code=exited, status=0/SUCCESS)
 Main PID: 3764 (code=exited, status=0/SUCCESS)

Feb 22 05:35:40 pooja.gandhi.com systemd[1]: Starting IPv6 firewall with ip6tables...
Feb 22 05:35:40 pooja.gandhi.com ip6tables.init[3764]: ip6tables: Applying firewall rules: [  OK  ]
Feb 22 05:35:40 pooja.gandhi.com systemd[1]: Started IPv6 firewall with ip6tables.
```

FTP Server

```
[root@pooja /]# vim /etc/sysconfig/iptables
```

```
# sample configuration for iptables service
# you can edit this manually or use system-config-firewall
# please do not ask us to add additional ports/services to this default configuration
*filter
:INPUT ACCEPT [0:0]
:FORWARD ACCEPT [0:0]
:OUTPUT ACCEPT [0:0]
-A INPUT -m state --state RELATED,ESTABLISHED -j ACCEPT
-A INPUT -p icmp -j ACCEPT
-A INPUT -i lo -j ACCEPT
-A INPUT -p tcp -m state --state NEW -m tcp --dport 22 -j ACCEPT
-A INPUT -j REJECT --reject-with icmp-host-prohibited
-A FORWARD -j REJECT --reject-with icmp-host-prohibited
-A INPUT -m state --state NEW -m tcp --dport 21 -j ACCEPT
COMMIT
```

```
[root@pooja /]# systemctl restart iptables
Job for iptables.service failed because the control process exited with error code.
See "systemctl status iptables.service" and "journalctl -xe" for details.
[root@pooja /]# systemctl restart ip6tables
```

To connect to ftp server

```
[root@pooja pub]# ftp vivek
Connected to vivek (192.168.254.133).
220 (vsFTPd 3.0.3)
Name (vivek:root): ftp
331 Please specify the password.
Password:
230 Login successful.
```

LIST DIRECTORY CLIENT SYSTEM

```
Using binary mode to transfer files.
ftp> ls
227 Entering Passive Mode (192,168,254,133,254,94).
150 Here comes the directory listing.
drwxr-xr-x    3 0        0              19 Feb 22 10:16 pub
226 Directory send OK.
```

CHANGE SERVER DIRECTORY TO ENTER SERVER SYSTEM

```
ftp> cd pub
250 Directory successfully changed.
```

LIST SERVER SYSTEM DIRECTORY

```
ftp> ls
227 Entering Passive Mode (192,168,254,133,252,48).
150 Here comes the directory listing.
-rw-r--r--    1 0        0               0 Feb 22 11:56 1
-rw-r--r--    1 0        0               0 Feb 22 11:56 2
-rw-r--r--    1 0        0               0 Feb 22 11:56 3
drwxr-xr-x    7 0        0             225 Feb 06 09:05 red8v
-rw-r--r--    1 0        0               0 Feb 22 11:56 test
226 Directory send OK.
```

FTP Server

To download files use

```
ftp> get test
local: test remote: test
227 Entering Passive Mode (192,168,254,133,251,221).
150 Opening BINARY mode data connection for test (0 bytes).
226 Transfer complete.
```

!ls means current directory list check client system

```
ftp> !ls
rhel82  test  testftp
ftp> bye
221 Goodbye.
[root@pooja pub]# ll
total 0
drwxr-xr-x. 7 root root 225 Feb 22 03:28 rhel82
-rw-r--r--  1 root root   0 Feb 22 06:57 test
-rwxrwxrwx  1 root root   0 Feb 22 05:16 testftp
```

Execute command use mget for multiple file copy

Client-side listing files before running mget command

```
[root@pooja pub]# ll
total 0
drwxr-xr-x. 7 root root 225 Feb 22 03:28 rhel82
-rwxrwxrwx  1 root root   0 Feb 22 05:16 testftp
```

To connect to ftp server

```
[root@pooja pub]# ftp vivek
Connected to vivek (192.168.254.133).
220 (vsFTPd 3.0.3)
Name (vivek:root): ftp
331 Please specify the password.
Password:
230 Login successful.
Remote system type is UNIX.
Using binary mode to transfer files.
ftp> ls
227 Entering Passive Mode (192,168,254,133,252,68).
150 Here comes the directory listing.
drwxr-xr-x    3 0        0              71 Feb 22 12:20 pub
226 Directory send OK.
```

Change client to server directory

```
ftp> cd pub
250 Directory successfully changed.
ftp> ls
227 Entering Passive Mode (192,168,254,133,251,181).
150 Here comes the directory listing.
drwxr-xr-x    7 0        0             225 Feb 06 09:05 red8v
-rw-r--r--    1 0        0               0 Feb 22 12:20 test1
-rw-r--r--    1 0        0               0 Feb 22 12:20 test2
-rw-r--r--    1 0        0               0 Feb 22 12:20 test3
-rw-r--r--    1 0        0               0 Feb 22 12:20 test4
226 Directory send OK.
```

FTP Server

To download files for multiple files for mget command

```
ftp> mget test*
mget test1? y
227 Entering Passive Mode (192,168,254,133,252,240).
150 Opening BINARY mode data connection for test1 (0 bytes).
226 Transfer complete.
mget test2? y
227 Entering Passive Mode (192,168,254,133,255,69).
150 Opening BINARY mode data connection for test2 (0 bytes).
226 Transfer complete.
mget test3? y
227 Entering Passive Mode (192,168,254,133,252,84).
150 Opening BINARY mode data connection for test3 (0 bytes).
226 Transfer complete.
mget test4? y
227 Entering Passive Mode (192,168,254,133,255,17).
150 Opening BINARY mode data connection for test4 (0 bytes).
226 Transfer complete.
ftp> !ls
rhel82  test1  test2  test3  test4  testftp
ftp> bye
221 Goodbye.
```

Output in client system

```
[root@pooja pub]# ll
total 0
drwxr-xr-x. 7 root root 225 Feb 22 03:28 rhel82
-rw-r--r--  1 root root   0 Feb 22 07:24 test1
-rw-r--r--  1 root root   0 Feb 22 07:24 test2
-rw-r--r--  1 root root   0 Feb 22 07:24 test3
-rw-r--r--  1 root root   0 Feb 22 07:24 test4
-rwxrwxrwx  1 root root   0 Feb 22 05:16 testftp
[root@pooja pub]#
```

FTP Server

How to upload the files

Change permission directory in server side

```
[root@vivek ftp]# mkdir vivek
[root@vivek ftp]# ls
pub  vivek
[root@vivek ftp]# chgrp ftp vivek
[root@vivek ftp]# ll
total 0
drwxr-xr-x. 3 root root 71 Feb 22 08:23 pub
drwxr-xr-x. 2 root ftp   6 Feb 22 08:23 vivek
[root@vivek ftp]#
[root@vivek ftp]# chmod g+w vivek
[root@vivek ftp]# ll
total 0
drwxr-xr-x. 3 root root 71 Feb 22 08:23 pub
drwxrwxr-x. 2 root ftp   6 Feb 22 08:23 vivek
[root@vivek ftp]#
[root@vivek ftp]#
[root@vivek ftp]# systemctl restart vsftpd
```

to configuration file and change the following attributes in server side

```
[root@vivek ftp]# vi /etc/vsftpd/vsftpd.conf
```

```
# When SELinux is enforcing check for SE bool allow_ftpd_anon_write, allow_ft
anon_upload_enable=YES
#
# Uncomment this if you want the anonymous FTP user to be able to create
# new directories.
anon_mkdir_write_enable=YES
#
```

```
[root@vivek ftp]# systemctl restart vsftpd
```

Connect client-side ftp command

```
[root@pooja pub]# ftp vivek
Connected to vivek (192.168.254.133).
220 (vsFTPd 3.0.3)
Name (vivek:root): ftp
331 Please specify the password.
Password:
230 Login successful.
Remote system type is UNIX.
Using binary mode to transfer files.
```

Before put command list of server side

```
[root@vivek /]# cd /var/ftp/vivek
[root@vivek vivek]# ls
ftpupload
```


CREATED BY:- VIVEK GANDHI

FTP Server

Check ftp list and change directory client to server

```
ftp> ls
227 Entering Passive Mode (192,168,254,133,252,241).
150 Here comes the directory listing.
drwxr-xr-x    3 0        0              71 Feb 22 13:23 pub
drwxrwxr-x    2 0        50             23 Feb 22 13:41 vivek
226 Directory send OK.
ftp> cd vivek
250 Directory successfully changed.
ftp> !ls
rhel82  test1  test2  test3  test4  testftp
```

Using put command to copy client to server files

```
ftp> put testftp
local: testftp remote: testftp
227 Entering Passive Mode (192,168,254,133,252,132).
150 Ok to send data.
226 Transfer complete.
ftp> ls
227 Entering Passive Mode (192,168,254,133,253,144).
150 Here comes the directory listing.
-rw-r--r--    1 0        0               0 Feb 22 13:41 ftpupload
-rw-------    1 14       50              0 Feb 22 13:55 testftp
226 Directory send OK.
```

Check server-side file copy or not

```
[root@vivek ftp]# cd vivek
[root@vivek vivek]# ll
total 0
-rw-r--r--. 1 root root 0 Feb 22 08:41 ftpupload
-rw-------. 1 ftp  ftp  0 Feb 22 08:55 testftp
```

How to upload the multiple files

Check server files list

```
[root@vivek ~]# cd /var/ftp/vivek
[root@vivek vivek]# ll
total 0
-rw-r--r--. 1 root root 0 Feb 22 08:41 ftpupload
-rw-------. 1 ftp  ftp  0 Feb 22 08:55 testftp
```

Connect client-side ftp command

```
[root@pooja pub]# ftp vivek
Connected to vivek (192.168.254.133).
220 (vsFTPd 3.0.3)
Name (vivek:root): ftp
331 Please specify the password.
Password:
230 Login successful.
```

FTP Server

Check ftp list and change directory client to server

```
Remote system type is UNIX.
Using binary mode to transfer files.
ftp> ls
227 Entering Passive Mode (192,168,254,133,253,6).
150 Here comes the directory listing.
drwxr-xr-x    3 0        0              71 Feb 22 13:23 pub
drwxrwxr-x    2 0        50             38 Feb 22 13:55 vivek
226 Directory send OK.
ftp> !ls
rhel82  test1  test2  test3  test4  testftp
ftp> cd vivek
250 Directory successfully changed.
ftp> ls
227 Entering Passive Mode (192,168,254,133,251,214).
150 Here comes the directory listing.
-rw-r--r--    1 0        0               0 Feb 22 13:41 ftpupload
-rw-------    1 14       50              0 Feb 22 13:55 testftp
226 Directory send OK.
```

Use mput command for multiple copy file client to server system

```
ftp> mput test1 test2 test3 test4
mput test1? y
227 Entering Passive Mode (192,168,254,133,255,250).
150 Ok to send data.
226 Transfer complete.
mput test2? y
227 Entering Passive Mode (192,168,254,133,251,152).
150 Ok to send data.
226 Transfer complete.
mput test3? y
227 Entering Passive Mode (192,168,254,133,252,88).
150 Ok to send data.
226 Transfer complete.
mput test4? y
227 Entering Passive Mode (192,168,254,133,252,214).
150 Ok to send data.
226 Transfer complete.
ftp> ls
227 Entering Passive Mode (192,168,254,133,253,191).
150 Here comes the directory listing.
-rw-r--r--    1 0        0               0 Feb 22 13:41 ftpupload
-rw-------    1 14       50              0 Feb 22 14:24 test1
-rw-------    1 14       50              0 Feb 22 14:24 test2
-rw-------    1 14       50              0 Feb 22 14:24 test3
-rw-------    1 14       50              0 Feb 22 14:24 test4
-rw-------    1 14       50              0 Feb 22 13:55 testftp
226 Directory send OK.
```

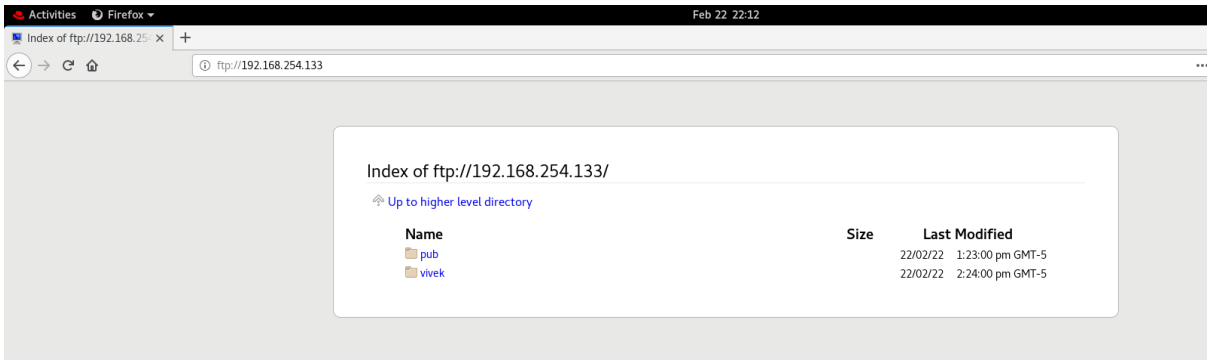
Check server side putting all files copy or not

```
[root@vivek ~]# cd /var/ftp/vivek
[root@vivek vivek]# ll
total 0
-rw-r--r--. 1 root root 0 Feb 22 08:41 ftpupload
-rw-------. 1 ftp  ftp  0 Feb 22 08:55 testftp
[root@vivek vivek]#
[root@vivek vivek]# ll
total 0
-rw-r--r--. 1 root root 0 Feb 22 08:41 ftpupload
-rw-------. 1 ftp  ftp  0 Feb 22 09:24 test1
-rw-------. 1 ftp  ftp  0 Feb 22 09:24 test2
-rw-------. 1 ftp  ftp  0 Feb 22 09:24 test3
-rw-------. 1 ftp  ftp  0 Feb 22 09:24 test4
-rw-------. 1 ftp  ftp  0 Feb 22 08:55 testftp
[root@vivek vivek]#
```

FTP Server

To use graphically target

Open Firefox



How to set up user base authentication

To allow only specify user access

First create new user in sever side

```
[root@vivek ~]# useradd vg
```

Create password

```
[root@vivek ~]# passwd vg
```

Change configuration file in server

```
[root@vivek ~]# cd /etc/vsftpd/
[root@vivek vsftpd]# ls
ftpusers  user_list  vsftpd.conf  vsftpd_conf_migrate.sh
[root@vivek vsftpd]# vim vsftpd
```

```
#
# Allow anonymous FTP? (Beware - allowed by default if you comment this out).
anonymous_enable=NO
#
```

```
[root@vivek vsftpd]# systemctl restart vsftpd
[root@vivek vsftpd]#
```

Check another user allow or not

```
[root@pooja ~]# ftp vivek
Connected to vivek (192.168.254.133).
220 (vsFTPd 3.0.3)
Name (vivek:root): ftp
331 Please specify the password.
Password:
530 Login incorrect.
Login failed.
ftp>
```

FTP Server

Then checked particular user access name and passwd

```
[root@pooja ~]# ftp vivek
Connected to vivek (192.168.254.133).
220 (vsFTPd 3.0.3)
Name (vivek:root): vg
331 Please specify the password.
Password:
230 Login successful.
Remote system type is UNIX.
Using binary mode to transfer files.
ftp>
```

Then I change particular user access deny

Changed configuration file full access all user in server

```
[root@vivek ~]# cd /etc/vsftpd/
[root@vivek vsftpd]# ls
ftpusers  user_list  vsftpd.conf  vsftpd_conf_migrate.sh
[root@vivek vsftpd]# vim vsftpd
```

```
#
# Allow anonymous FTP? (Beware - allowed by default if you comment this out).
anonymous_enable=yes
```

```
[root@vivek vsftpd]# systemctl restart vsftpd
[root@vivek vsftpd]#
```

Then changed configuration file in block specify user access

```
[root@vivek etc]# cd v
vmware-tools/ vsftpd/
[root@vivek etc]# cd vsftpd/
[root@vivek vsftpd]# ls
ftpusers  user_list  vsftpd.conf  vsftpd_conf_migrate.sh
[root@vivek vsftpd]# vim user_list
```

Block user in file

root@vivek:/etc/vsftpd

```
# vsftpd userlist
# If userlist_deny=NO, only allow users in this file
# If userlist_deny=YES (default), never allow users in this file, and
# do not even prompt for a password.
# Note that the default vsftpd pam config also checks /etc/vsftpd/ftpusers
# for users that are denied.
root
bin
daemon
adm
lp
sync
shutdown
halt
mail
news
uucp
operator
games
nobody
vg
```

Then check vg user can access or not

```
[root@pooja ~]# ftp vivek
Connected to vivek (192.168.254.133).
220 (vsFTPd 3.0.3)
Name (vivek:root): vg
530 Permission denied.
Login failed.
ftp>
```

Check another user can access or not

```
[root@pooja ~]# ftp vivek
Connected to vivek (192.168.254.133).
220 (vsFTPd 3.0.3)
Name (vivek:root): ftp
331 Please specify the password.
Password:
230 Login successful.
Remote system type is UNIX.
Using binary mode to transfer files.
ftp>
```

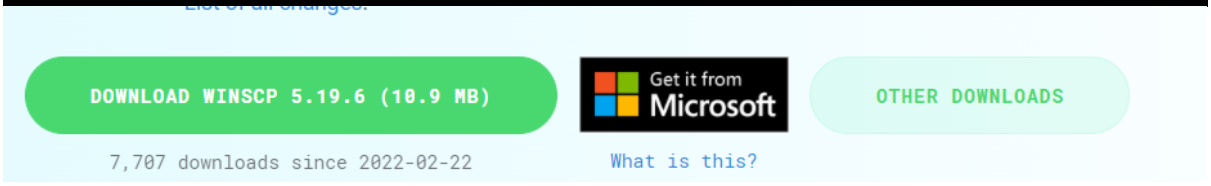
FTP Server

FTP USE IN FIREZILLA APPLICATION IN CLIENT SIDE

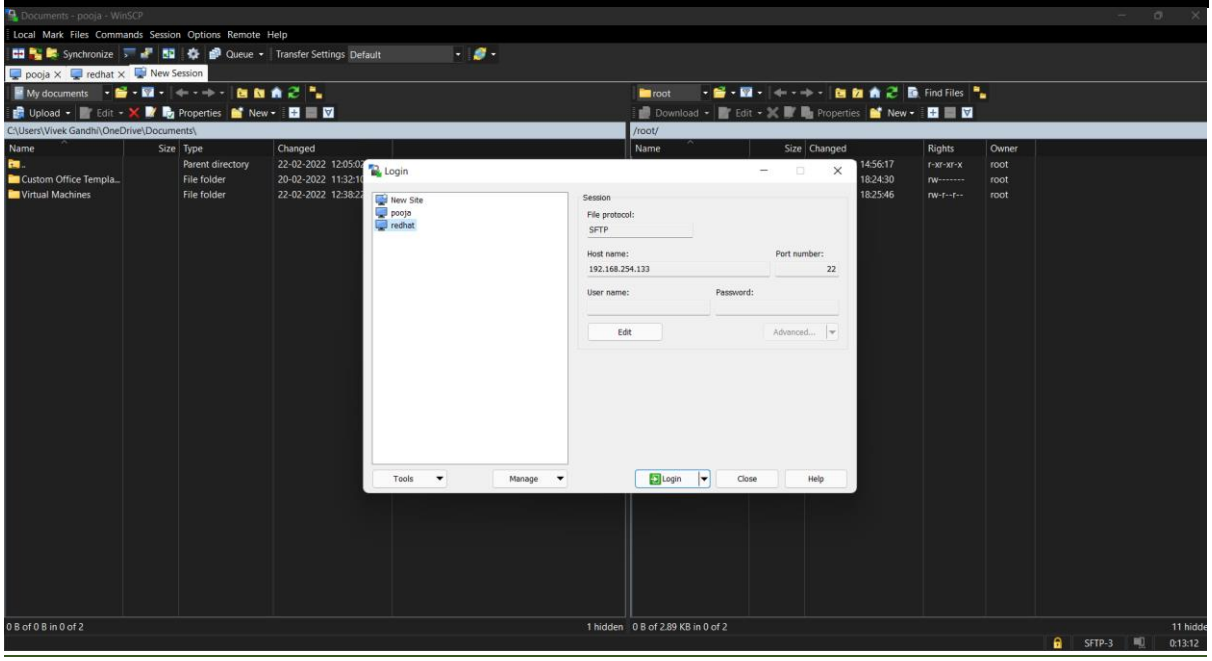
FILEZILLA is open-source application to upload and download files to the FTP server.

IN CASE APPLICATION NOT FOUND IN LINUX REDHAT SYSTEM TO FIRST INSTALL APPLICATION THAN TRANSFER WINDOWS TO LINUX SYSTEM WINSCP THROUGH.

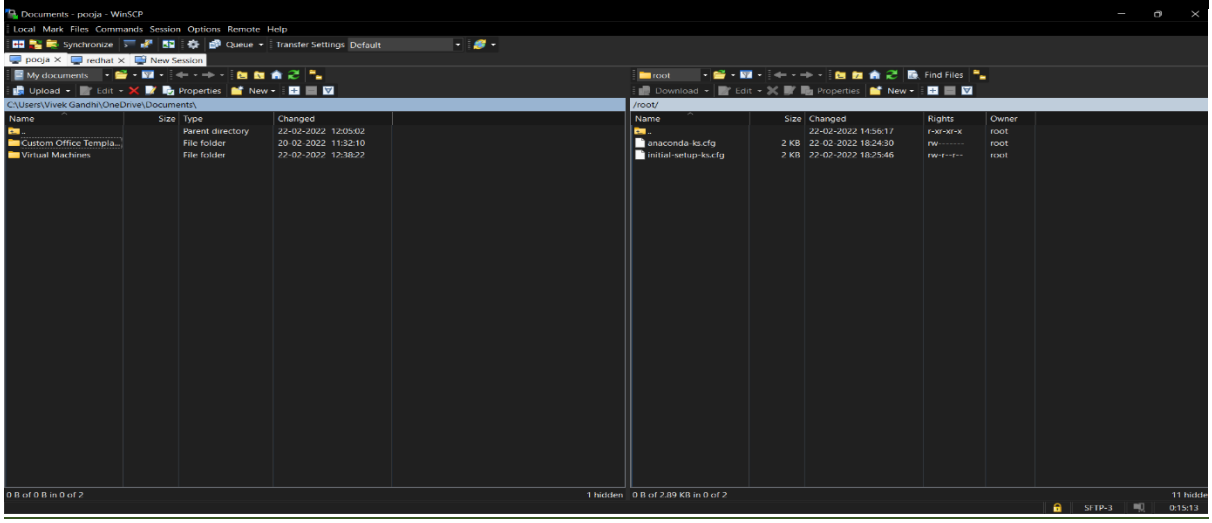
INSTALL WINSCP IN WINDOW SIDE



OPEN WINSCP APPLICATION AND CONNECT TO LINUX



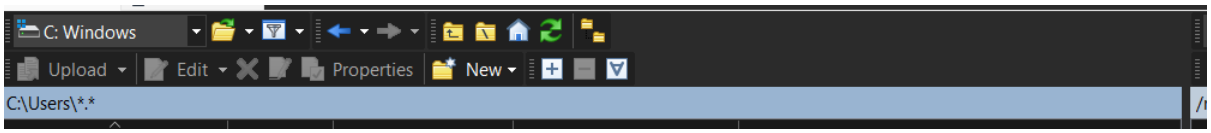
AFTER CONFIGURATION DONE THAN OPEN A WINDOW IN WINSCP



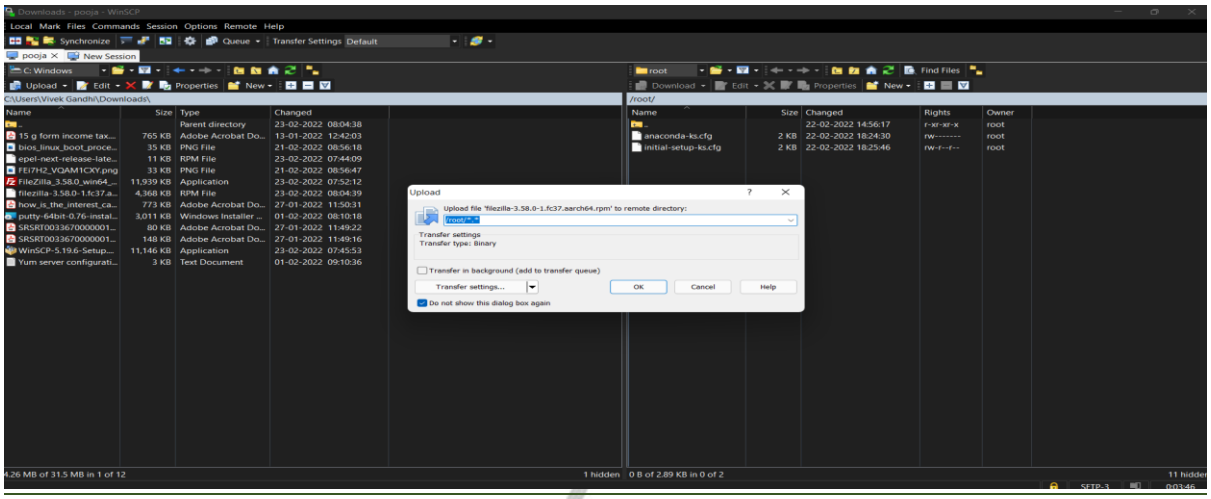
FTP Server

TRANSFER TO WINDOWS TO LINUX WINSCP THROUGH

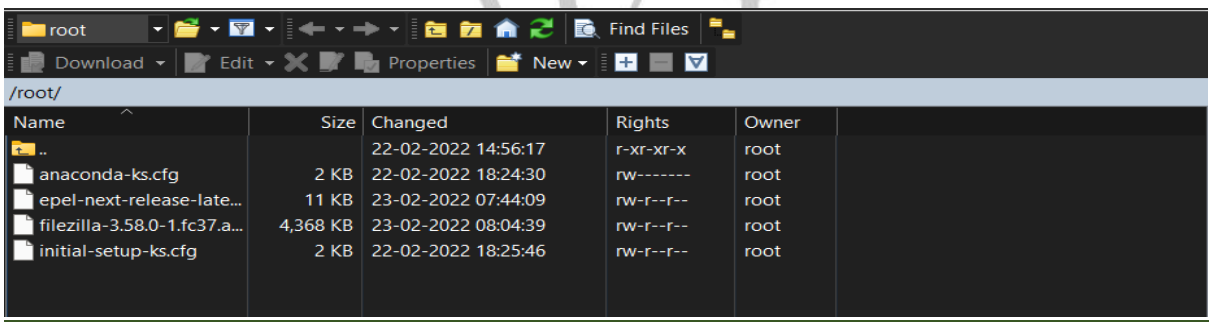
Brows path in windows system



Drag and drop or upload click file in Linux system and click ok



Check file is transfer successfully



Check Linux system file was transfer or not

```
[root@pooja network-scripts]# cd ~
[root@pooja ~]# ll
total 4388
-rw-------. 1 root root    1404 Feb 22 07:54 anaconda-ks.cfg
-rw-r--r--  1 root root   10632 Feb 22 21:14 epel-next-release-latest-8.noarch.rpm
-rw-r--r--  1 root root 4472772 Feb 22 21:34 filezilla-3.58.0-1.fc37.aarch64.rpm
-rw-r--r--. 1 root root    1559 Feb 22 07:55 initial-setup-ks.cfg
```

Copy rpm application to /var/ftp/pub/rehl82/

```
anaconda-ks.cfg  epel-next-release-latest-8.noarch.rpm  filezilla-3.58.0-1.fc37.aarch64.rpm  initial-setup-ks.cfg
[root@pooja ~]#  cp -rpv epel-next-release-latest-8.noarch.rpm /var/ftp/pub/rhel82/
'epel-next-release-latest-8.noarch.rpm' -> '/var/ftp/pub/rhel82/epel-next-release-latest-8.noarch.rpm'
[root@pooja ~]#  cp -rpv filezilla-3.58.0-1.fc37.aarch64.rpm /var/ftp/pub/rhel82/
'filezilla-3.58.0-1.fc37.aarch64.rpm' -> '/var/ftp/pub/rhel82/filezilla-3.58.0-1.fc37.aarch64.rpm'
```

First update repo list than Install application

```
[root@pooja ~]# yum repolist
Updating Subscription Management repositories.
Unable to read consumer identity
This system is not registered to Red Hat Subscription Management. You can use subscription-manager to register.
Repository rhel8 is listed more than once in the configuration
Repository baseos is listed more than once in the configuration
repo id                                                                 repo name
baseos                                                                  Redhat Enterprise Linux 8.2 -baseos
rhel8                                                                   Redhat Enterprise Linux 8.2 -AppStream
[root@pooja ~]#
[root@pooja ~]#
[root@pooja ~]# yum install epel-release-latest-8.noarch.rpm
Updating Subscription Management repositories.
Unable to read consumer identity
This system is not registered to Red Hat Subscription Management. You can use subscription-manager to register.
Repository rhel8 is listed more than once in the configuration
Repository baseos is listed more than once in the configuration
Last metadata expiration check: 0:51:37 ago on Tuesday 22 February 2022 09:30:22 PM EST.
Dependencies resolved.
================================================================================================================================================
 Package                                 Architecture                          Version                                 Repository
================================================================================================================================================
Installing:
 epel-release                            noarch                                8-14.el8                                @commandline

Transaction Summary
================================================================================================================================================
Install  1 Package

Total size: 22 k
Installed size: 32 k
Is this ok [y/N]: y
Downloading Packages:
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing        :
  Installing       : epel-release-8-14.el8.noarch
  Running scriptlet: epel-release-8-14.el8.noarch
  Verifying        : epel-release-8-14.el8.noarch
Installed products updated.

Installed:
  epel-release-8-14.el8.noarch

Complete!
```