FTP SERVER (ANONYMOUS USER)

package name: vsftpd [very secure file transfer protocol] configuration file: **/etc/vsftpd/vsftpd.conf**
default directory: **/var/ftp**

Step1 : set up static ip address

```
=> nmtui
```

Step2 : install the package

```
=> sudo yum install vsftpd -y
```

Step3: start the process

```
=> systemctl start vsftpd
```

Step4: ennable this process

```
=> systemctl enable vsftpd
```

Step5: add filewall

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

Step6: go to the configuration file

```
=> cd /etc/vsftpd
=> cp vsftpd.conf vsftpd.conf.bak
=> vim vsftpd.conf
```

```
write_enable=No
```

Step7: reload

```
=> systemctl restart vsftpd
```

Step8: create a test file

```
=>cd /var/pub
=> touch test.txt
```

Client

now connect with the filezilla

FTP SERVER (Restricted USER)

package name: vsftpd [very secure file transfer protocol] configuration file: **/etc/vsftpd/vsftpd.conf**
default directory: **/var/ftp**

Step1 : set up static ip address

```
=> nmtui
```

Step2 : install the package

```
=> sudo yum install vsftpd -y
```

Step3: start the process

```
=> systemctl start vsftpd
```

Step4: ennable this process

```
=> systemctl enable vsftpd
```

Step5: add filewall

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

Step6: go to the configuration file

```
=> cd /etc/vsftpd
=> cp vsftpd.conf vsftpd.conf.bak
=> vim vsftpd.conf

#set
anonymous_enable=NO
```

```
local_enable=YES
write_enable=YES
#uncommnt
ascii_upload_enable=YES
ascii_download_enable=YES
# uncomment it
chroot_local_user=YES
#comment it
#userlist_enable=YES (commented)
#add
userlist_deny=NO
userlist_file=/etc/vsftpd/list_user_ftp
##[list_user_ftp is a file where
all the user are inserted. just a
text file included some username]
local_root=/FTP
```

Step 7 : restart the server

```
=> systemctl restart vsftpd
```

Step 7: create group

```
=> groupadd ftpgroup
```

step 8: add user [as many time as you need]

```
=> useradd -G ftpgroup ftpuser1
=>passwd ftpuser1
=> useradd -G ftpgroup ftpuser2
=>passwd ftpuser2
=> useradd -G ftpgroup ftpuser3
=>passwd ftpuser3
```

Step 7: create the file

```
=> cd /etc/vsftpd/
=>vim list_user_ftp
```

[add the user]

```
ftpuser1
ftpuser2
ftpuser3
```

Step8: create folder

```
=> mkdir /FTP
```

Step9: make two folder "download" and "upload" inside "/FTP"

```
=> cd /FTP
=> mkdir upload
=> mkdir download
```

Step10: give read and execute permission to the download(user,and group, other will get no permission) and read,write,execute to the upload directory(user and group other will get no permission)

```
=> chmod 550 download/
=> chmod 770 upload/
```

Step11: Finally change the ownership of the folder to root user and ftpGroup

```
=>chown -R root:ftpGroup /FTP
```

Step 12: Disable SeLinux [for parmanent]

```
=> sudo vim /etc/selinux/config
     SELINUX=disabled
```

OR [temporary]

```
=>setenforce 0
```

Step13 : Restart the srerver

```
=> sudo systemctl restart vsftpd
```

Test with Filezilla