**How to Install and Configure FTP server in Centos 7**

**Installing ‘vsftpd’**

# yum install vsftp ftp –y

**Configuring ‘vsftpd’**

We needed to edit the configuration file ‘vsftpd’ for securing the FTP server since, by default it will allow anonymous users to login and use the server.

# vi /etc/vsftpd/vsftpd.conf

We have to disallow anonymous, unidentified users to access files via FTP; change the

anonymous\_enable setting to NO:

anonymous\_enable=NO

Allow local users to login by changing the local\_enable setting to YES:

local\_enable=YES

If you want to allow the local users to be able to write to a directory, then change the write\_enable setting in the configuration file to YES:

write\_enable=YES

Local users will be ‘chroot jailed’ and they will be denied access the local users to any other part of the server; change the chroot\_local\_user setting in the configuration file to YES:

chroot\_local\_user=YES

**Below is the simple configuration file for your reference –**

anonymous\_enable=NO

local\_enable=YES

write\_enable=YES

local\_umask=022

chroot\_local\_user=YES

dirmessage\_enable=YES

xferlog\_enable=YES

connect\_from\_port\_20=YES

xferlog\_std\_format=YES

listen=YES

#listen\_ipv6=YES

pam\_service\_name=vsftpd

userlist\_enable=YES

tcp\_wrappers=YES

**Save the file with the command :wq**

**Restarting the vsftpd Service**

We needed to restart the ‘vsftpd’ services so that the configuration changes has applied

# systemctl restart vsftpd

We will set the ‘vsftpd’ service to start at boot time, below is the command to enable the ‘vsftpd’ to start.

# systemctl enable vsftpd

**Make sure you have disabled Firewall / SeLinux**

**Create the FTP user’s**

We will create FTP user other than local users and assign the home directory

For this tutorial, I will create a user without a home directory therefore I use –M instead of –m.

# useradd -M user1 –s /sbin/nologin

# passwd user1

We will next set the home directory for “user1” by creating a new directory

# mkdir /var/www/mike

# chmod 755 /var/www/mike

We have to provide access to the “user1” on FTP

# chown -R mike /var/www/user1

We can access the FTP server from the client on your favorite browser using the url ftp://192.168.2.100