# Install FTP package

~$ sudo yum install vsftpd

~$ sudo systemctl start vsftpd

~$ sudo systemctl enable vsftpd

# Create FTP users

~$ sudo adduser ftpuser

~$ sudo passwd ftpuser

~$ sudo mkdir -p /home/ftpuser/ftp\_dir

~$ sudo chmod -R 750 /home/ftpuser/ftp\_dir

~$ sudo chown -R ftpuser: /home/ftpuser/ftp\_dir

~$ sudo bash -c 'echo ftpuser >> /etc/vsftpd/user\_list'

# Configure FTP server

~$ vim /etc/vsftpd/vsftpd.conf

# FTP Access

anonymous\_enable=NO

local\_enable=YES

# Enabling uploads

write\_enable=YES

# Chroot Jail

chroot\_local\_user=YES

allow\_writeable\_chroot=YES

# Passive FTP Connections

pasv\_min\_port=30000

pasv\_max\_port=31000

# Limiting User Login

userlist\_file=/etc/vsftpd/user\_list

userlist\_deny=NO

~$ sudo systemctl restart vsftpd

~$ sudo systemctl enable vsftpd

# Test

~$ sudo yum install ftp

~$ ftp ip-address

# Enable security with FTP

Use self signed certificate

~# sudo openssl req -x509 -nodes -days 3650 -newkey rsa:2048 -keyout /etc/vsftpd/vsftpd.pem -out /etc/vsftpd/vsftpd.pem

~$ vim /etc/vsftpd/vsftpd.conf

rsa\_cert\_file=/etc/vsftpd/vsftpd.pem

rsa\_private\_key\_file=/etc/vsftpd/vsftpd.pem

ssl\_enable=YES

~$ sudo systemctl restart vsftpd