## \*\*FTP Checklist\*\*

1. First you must check to see that the FPT service is running
   1. [root@www ~]# service vsftpd status or OR netstat -pant (look for port 21)
   2. Find out your FTP type:
      1. If VSFTPD, continue to 2
      2. If ProFTPD, continue to 3
      3. If Pure-FTPD, continue to 4
2. Verify your Config file with: [root@www ~]# vi /etc/vsftpd/vsftpd.conf
   1. Ensure anonymous login is disabled
      1. # line 12: no anonymous  
         anonymous\_enable=NO
   2. Ensure ascii capabilities are enabled
      1. # line 82,83: uncomment ( allow ascii mode )  
         ascii\_upload\_enable=YES  
         ascii\_download\_enable=YES
   3. Ensure users are CHROOT’ed
      1. # line 100, 101: uncomment ( enable chroot )  
         chroot\_local\_user=YES  
         chroot\_list\_enable=YES
      2. # line 103: uncomment ( specify chroot list )  
         chroot\_list\_file=/etc/vsftpd/chroot\_list
   4. Ensure Recursive is disabled
      1. # line 109: uncomment  
         ls\_recurse\_enable=NO
   5. Make sure using IPv4
      1. # line 114: change ( if use IPv4 )  
         listen=YES  
         # line 123: change  
         listen\_ipv6=NO
   6. Esure root directory is specified
      1. local\_root=public\_html
   7. Examine chrooted users list
      1. [root@www ~]# vi /etc/vsftpd/chroot\_list  
         # add users you allow to move over their home directory
3. Verify your config file with: [root@www ~]# vi /etc/proftpd.conf
   1. Ensure your naming is custom to what you want
      1. # line 77: change to your own hostname  
         ServerName "[www.srv.world](http://www.srv.world)"
      2. # line 79: change to your email address  
         ServerAdmin root@srv.world
   2. Ensure logging is enabled
      1. # line 113: add  
         # get access log & get auth log  
         ExtendedLog /var/log/proftpd/access.log WRITE,READ default  
         ExtendedLog /var/log/proftpd/auth.log AUTH auth
   3. Ensure you are blocking bad users
      1. [root@www ~]# vi /etc/ftpusers  
         # add users you prohibit to FTP access
   4. Enable the service
      1. [root@www ~]# systemctl start proftpd   
         [root@www ~]# systemctl enable proftpd
4. Verify your config file with: [root@www ~]# vi /etc/pure-ftpd/pure-ftpd.conf
   1. Ensure anonymous login is disabled
      1. # line 77: change (no Anonymous)

NoAnonymous yes

* 1. Ensure the service is enabled
     1. [root@www ~]# systemctl start pure-ftpd

[root@www ~]# systemctl enable pure-ftpd

1. Ensure FTP is allowed over your firewall
   1. [root@dlp ~]# firewall-cmd --add-service=ftp --permanent   
      [root@dlp ~]# firewall-cmd --reload
2. Ensure enabled FTP on SELinux
   1. [root@dlp ~]# setsebool -P ftpd\_full\_access on
3. Fix Firewall for Security
   1. [root@dlp ~]# firewall-cmd --add-port=21000-21010/tcp --permanent   
      [root@dlp ~]# firewall-cmd --reload

Resource - <https://www.server-world.info/en/note?os=CentOS_7&p=ftp&f=1>

Resource - <https://www.server-world.info/en/note?os=CentOS_7&p=ftp&f=4>

Resource - <https://www.server-world.info/en/note?os=CentOS_7&p=ftp&f=5>