


```
man vsftpd.conf
```

[illegible]

```
# IPv4 IPv6
listen=NO
listen_ipv6=YES

# .
anonymous_enable=NO

#
local_enable=YES

# FTP . . .
#write_enable=YES

# ( .message)
dirmessage_enable=YES

# . - GMT
use_localtime=YES

# /.
xferlog_enable=YES

# 20- (. )
connect_from_port_20=YES

# , ftp
# chroot() vsftpd .
secure_chroot_dir=/run/vsftpd/empty

# PAM
pam_service_name=vsftpd

#
rsa_cert_file=/etc/ssl/certs/ssl-cert-snakeoil.pem
rsa_private_key_file=/etc/ssl/private/ssl-cert-snakeoil.key
ssl_enable=NO

# , UTF8
# utf8_filesystem=YES
```

```
IP- -listen listen-ipv6. , , IPv4 IPv6:
```

```
listen=NO #      IPv4.      NO.      YES,      listen_ipv6      NO
listen_ipv6=YES #      IPv4  IPv6.      YES.      NO,      listen      YES,      IPv4
```

```
chroot_local_user=YES. YES (chroot-), chroot- (. "500 OOPS: vsftpd: refusing to run with writable root inside chroot ()").
```

- chroot- , .
 - chroot- , allow_writeable_chroot=YES. ;
- ```
, local_root=<_>. , /etc/vsftpd.conf . ..
```

```
, /etc/vsftpd.conf . :
```

1. /etc/vsftpd.conf user\_config\_dir=<\_>.
2. , . . , .

```
, write_enable=YES.
```

```
anon_mkdir_write_enable,anon_other_write_enable,anon_upload_enable. .man vsftpd.conf..
```

## FTP :

```
(). , . :
```

1. anonymous\_enable=NO anonymous\_enable=YES.
2. ftp ( /etc/passwd /srv/ftp). anon\_root=<\_>. /srv/ftp ( ftp), ( - "500 OOPS: cannot change directory:/srv/ftp").  
ftp, (. "500 OOPS: vsftpd: refusing to run with writable root inside chroot ()"). .

```
/var/log/vsftpd.log. /etc/vsftpd.conf:
```

 # You may override where the log file goes if you like. The default is shown  
# below.  
#xferlog\_file=/var/log/vsftpd.log

```
, . , , :
```

 touch /var/log/vsftpd.log  
service vsftpd restart

```
dirmessage_enable=YES.
```

```
, , .message, message_file
```

## 20-

```
FTP :
```

- -, . . TCP- (1024-65535) 21 FTP- , .;
- , .

```
, FTP ().
```

- : 1024-65535 , . 20;
- : 1024-65535), ;

```
FTP FTP -, .
, FTP-, , .
```

## "500 OOPS: vsftpd: refusing to run with writable root inside chroot ()"

```
vsftpd .
500 , :.
```



```
• (write_enable=YES);
• ;
• ,
• , , .
```

```
, anon_root.
```

```
. . .
```

## FTP Astra Linux

```
(--help -h) man.
```

### ftp

```
ftp. Astra Linux.
```

```
: /usr/bin/netkit-ftp, /usr/bin/ftp.
```

### inetutils-ftp

```
ftp. Astra Linux x.7.
```

```
: /usr/bin/inetutils-ftp, /usr/bin/ftp.
```

### ncftp

```
ftp. Astra Linux x.7.
```

```
: /usr/bin/ncftp3, /usr/bin/ncftp.
```

### lftp

```
, FTP . Astra Linux.
```

```
: /usr/bin/lftp
```