

# AskLinux -Linux Tricks and How Tos- Linux Troubleshooting

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## Secure FTP server in Linux

### Setting up secure FTP server in Ubuntu 10.10

#### Initial requirements

If you already running any other FTP services in your network environment, decide which port you want to use with FTP.

Create users for accessing FTP services and change user directories accordingly in /etc/passwd file

#### Download and install

1. `sudo apt-get install vsftpd`
2. configure the vsftpd.conf to change the settings. Most of the default settings will work with vsftpd but few changes are mandatory.
3. Edit /etc/vsftpd.conf using nano.
4. By default passive mode is enabled on vsftpd. If you want to disable passive mode just add `pasv-enable=NO`
5. Also if you want to change the default port no add or change this line `listen_port=21`
6. Try to jail FTP users within their directory

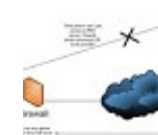
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## Troubleshooting vsFTP errors

### 1. 1. vsFTP Login authentication failed

Possible solutions:

- 1.1 In FTP, client use only FTP service rather than choosing SFTP or different one.
- 1.2 Select the password which is not more complex. Means if you include complex ASCII characters, FTP server won't recognize.
- 1.3 Disable SSL on vsftpd. Add this command to vsftpd.conf file `ssl_enable=NO`
- 1.4 Makes sure to disable anonymous authentication.

### 2. Can't access the directories. Listing the remote directories '/' failed. Error numbers include 500, 533 or any series in 500.

2.1 change permissions on the directories with Recursive permissions.

E.x `chmod -R 777 folder_name_of_FTP_Access`

2.2 set umask value in vsftpd.conf to 002. `Umask_value=002`

2.3 edit etc/passwd file to change directories for FTP users

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programming. For ex. in softw...



RHCSA Exam  
objectives: Access  
Lists in Linux

RHCSA Exam  
objectives: Access  
Lists in Linux

Sample scenario: Setup ACL on  
/home directory partition, setup a  
test file 'acllist.file' in ...



RHCSA Exam  
objective –  
Manage Security

RHCSA Exam  
objective –  
Manage Security

Configure firewall settings using  
system-config-firewall or  
iptables. Set enforcing and  
permis...

### Configure logging server

Configure logging server: This is  
one of the RHCE exam objective  
under system administration.  
Logging server generally accepts  
different ...

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Logical Volume Management  
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manager can allow you to  
manage the space allocated to

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manage the space allocated to appropriate directories. As an e...

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Create Self Signed SSL certificate  
user@localhost# openssl  
genrsa -des3 -out private.key  
2048 user@localhost# openssl  
rsa -in svn.key ...

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Network shares can be  
configured in two ways (One via  
SAMBA and through ...

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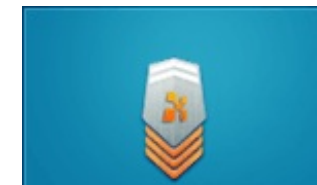


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