

Operation Sheet 3.3 : FTP Server in Ubuntu Linux Server

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Operation Sheet 3.4

Installing and Configuring VSFTPD Server in Ubuntu Linux

Objectives: After the end of the activity, the students will be able to:

- Install and Configure FTP Server
- Integrate FTP Serve with IIS Web Server
- Test FTP server from the client using FileZilla

Procedure:

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Step 1: login to Ubuntu Linux Server

```
Ubuntu 16.04 LTS server1 tty1
administrator:
Password:
Welcome to Ubuntu 16.04 LTS (GNU/Linux 4.4.0-21-generic x86_64)

 * Documentation:  https://help.ubuntu.com/

6 packages can be updated.
0 updates are security updates.

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

administrator@server1:~$ _
```

Step 2: Install vsftpd in terminal

sudo apt-get install vsftpd

Step 3: After installing, the server will automatically start and be configured with anonymous access but the anonymous login is disabled by default.

The main configuration file for VSFTPD is at **/etc/vsftpd.conf**. Open the configuration file and configure different settings for the server.

sudo nano /etc/vsftpd.conf

Step 4: To allow anonymous login, make sure the line below is uncommented. To uncomment means to remove the # before each line.

```
anonymous_enable=YES
```

Step 4: To allow local access and write access, make sure the line below is uncommented and them to **YES**. To uncomment means to remove the # before each line.

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```
local_enable = YES
```

```
write_enable = YES
```

Step 5: After making changes to the configuration file, you should always restart VSFTPD server. To do that, run the commands below

```
sudo service vsftpd restart
```

Step 6: Test the VSFTPD server in command-line or using FileZilla

