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**CCN Experiment 6**

FTP

**Aim:** To configure file transfer protocol server using Filezilla

1. Installing vsftpd

A close up of a black background

Description automatically generated

1. Making the required changes in the /etc/vsftpd.conf file

A screenshot of a computer program

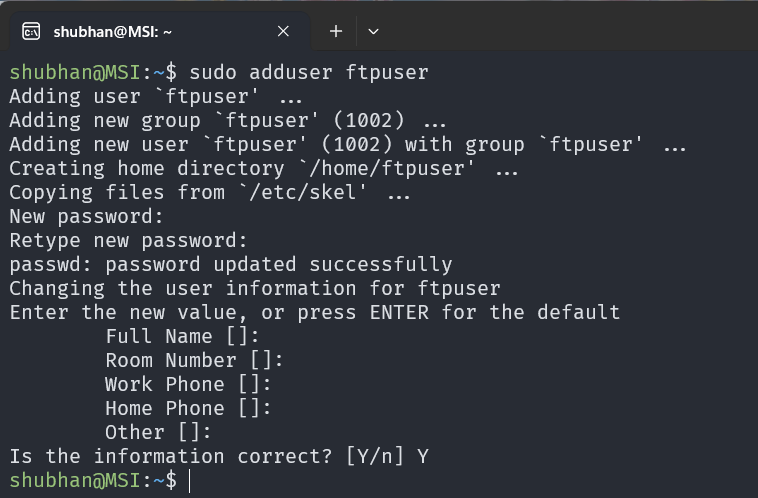
Description automatically generated

1. Configuring the firewall to allow incoming connections from certain ports over TCP

A screenshot of a computer program

Description automatically generated

1. Creating a public user account “ftpuser”



1. Creating folder named ftp in root directory which will act as the root directory for the ftp server.

A screenshot of a computer

Description automatically generated

1. Configuring vsftpd for secure operation, and setting the local\_root directory for the ftp server.

A screenshot of a computer

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A screenshot of a computer

Description automatically generated

1. Restarting vsftpd to apply changes

A screenshot of a computer

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1. Securing vsftpd with SSL. Generating self-signed certificate to use with FTPS (FTP over SSL)

A screenshot of a computer

Description automatically generated

1. Connecting to ftp server using filezilla.

(Used my ip address and ftpuser and its password as username and password)

A screenshot of a computer

Description automatically generated

(As can be seen, this is my ip address)

A computer screen shot of a computer program

Description automatically generated

(The files available on the server match the ones placed in the /ftp directory we created earlier)

A screenshot of a computer

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A screenshot of a computer

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