

 PADA DEBIAN 11

KONFIGURASI FTP

P R E S E N T E R B Y J A S O N J U L I U S T J A N D R A

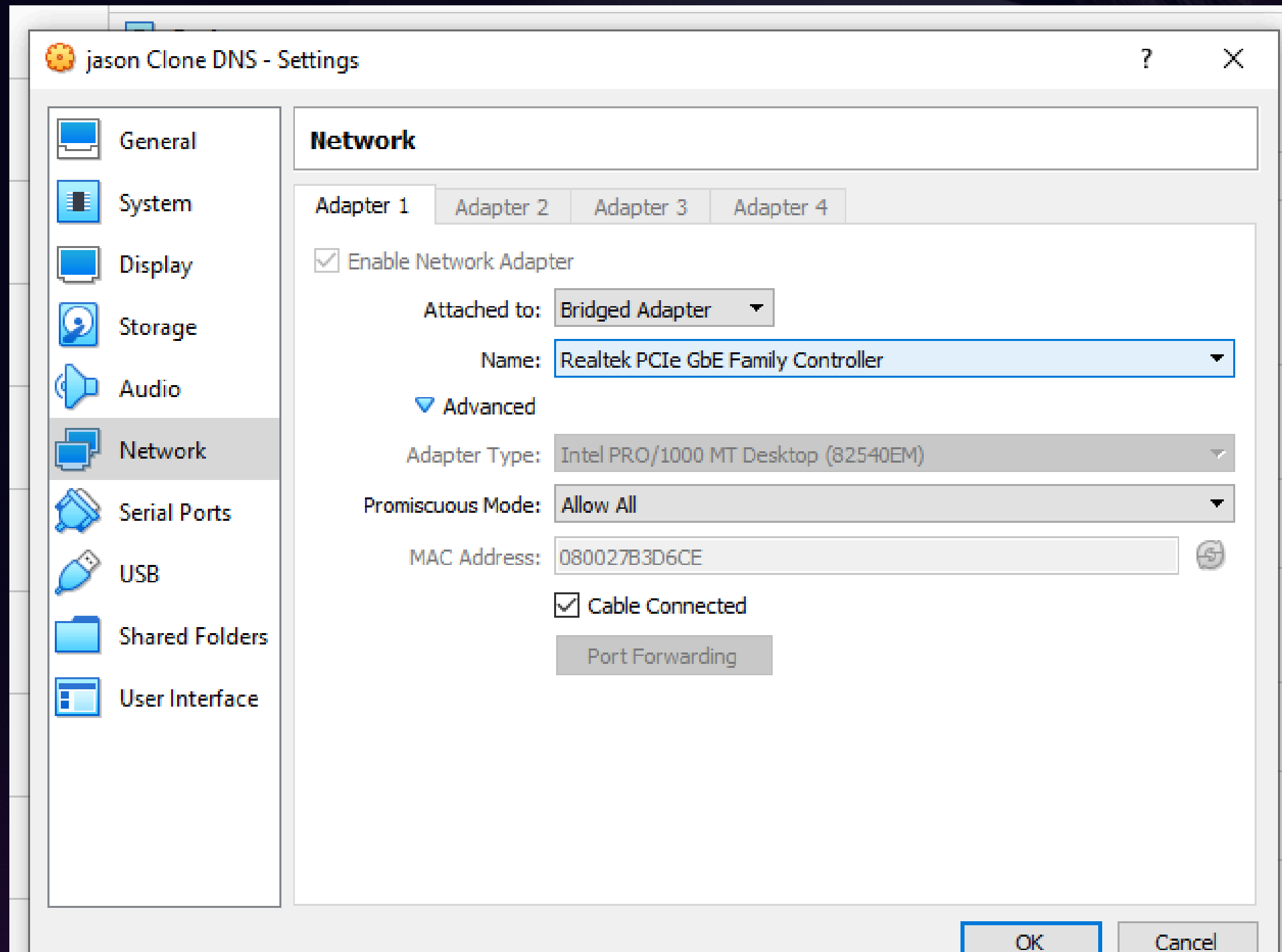
PASTIKAN KALIAN



WINSCP

sudah mengclone
Debian 11 kalian
dan menginstal
APK winscp

LANGKAH 1



Langkah pertama
login ke Debian
lalu kalian masuk
ke bagian settings
dan pastikan
attached tonya ke
bridge adapter
dan promicuous
nya alow all

LANGKAH 2

```
root@debian:/etc/bind# systemctl restart networking
```

```
root@debian:/home/debian# ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group
    t qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast sta
    group default qlen 1000
    link/ether 08:00:27:df:87:c7 brd ff:ff:ff:ff:ff:ff
    inet 10.209.15.250/21 brd 10.209.15.255 scope global dynamic noprefixr
    enp0s3
```

Kemudian kalian ketik "systemctl restart networking" dan kemudian ketik ip a untuk melihat IP kita

LANGKAH 3

```
C:\Users\ASUS>ping 10.209.15.250

Pinging 10.209.15.250 with 32 bytes of data:
Reply from 10.209.15.250: bytes=32 time<1ms TTL=64
Reply from 10.209.15.250: bytes=32 time<1ms TTL=64
Reply from 10.209.15.250: bytes=32 time<1ms TTL=64
Reply from 10.209.15.250: bytes=32 time<1ms TTL=64
```

Kemudian ketik windows+R lalu ketik cmd dan ketik ping IP kita jika berhasil maka akan reply

LANGKAH 4

```
root@debian:/home/debian# sudo apt install vsftpd
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following NEW packages will be installed:
  vsftpd
0 upgraded, 1 newly installed, 0 to remove and 0 not upgra
Need to get 153 kB of archives.
After this operation, 358 kB of additional disk space will
Get:1 http://deb.debian.org/debian bullseye/main amd64 vsf
[153 kB]
1% [1 vsftpd 2.800 B/153 kB 2%]
```

Kemudian ketik "sudo apt install vsftpd"

LANGKAH 5

```
root@debian:/home/debian# sudo adduser Nama kalian  
Adding user `santv`
```

Kemudian ketik "sudo apt install vsftpd"

LANGKAH 6

```
debian# sudo groupadd 11tkj2
an# sudo usermod -g 11tkj2 Nama kalian
ian# echo >>/etc/vsftpd.userlist
ian# mkdir -p /var/ftp/private/Nama kalian
n# touch /var/ftp/private/Nama/ Nama kalian.txt
n# chown -R Nama:Nama /var/ftp/private/Nama kalian
n# chown -R 755 /var/ftp/private/Nama kalian
```

Kemudian kalian ketik perintah sesuai pada gambar

LANGKAH 7

```
home/debian# nano /etc/vsftpd.conf
```

Kemudian kalian ketik nano /etc/vsftpd.conf lalu enter

LANGKAH 8

```
GNU nano 5.4 /etc/vsftpd.conf
# Example config file /etc/vsftpd.conf
#
# The default compiled in settings are fairly paranoid. This sample file
# loosens things up a bit, to make the ftp daemon more usable.
# Please see vsftpd.conf.5 for all compiled in defaults.
#
# READ THIS: This example file is NOT an exhaustive list of vsftpd options.
# Please read the vsftpd.conf.5 manual page to get a full idea of vsftpd's
# capabilities.
#
# Run standalone? vsftpd can run either from an inetd or as a standalone
# daemon started from an initscript.
listen=NO
#
# This directive enables listening on IPv6 sockets. By default, listening
# on the IPv6 "any" address (:::) will accept connections from both IPv6
# and IPv4 clients. It is not necessary to listen on *both* IPv4 and IPv6
# sockets. If you want that (perhaps because you want to listen on specific
# addresses) then you must run two copies of vsftpd with two configuration
```

kemudian kalian edit vsftpd sama seperti pada gambar

LANGKAH 9

```
GNU nano 5.4 /etc/vsftpd.conf
# sockets. If you want that (perhaps because you want to listen on specific
# addresses) then you must run two copies of vsftpd with two configuration
# files.
listen_ipv6=YES
#
# Allow anonymous FTP? (Disabled by default).
anonymous_enable=YES
#
# Uncomment this to allow local users to log in.
local_enable=YES
#
# Uncomment this to enable any form of FTP write command.
write_enable=YES
#
# Default umask for local users is 077. You may wish to change this to 022,
# if your users expect that (022 is used by most other ftpd's)
local_umask=022
#
# Uncomment this to allow the anonymous FTP user to upload files. This only
# has an effect if the above global write enable is activated. Also, you will
```

kemudian kalian edit vsftpd sama seperti pada gambar

LANGKAH 10

```
GNU nano 5.4 /etc/vsftpd.conf
# obviously need to create a directory writable by the FTP user.
#anon_upload_enable=YES
#
# Uncomment this if you want the anonymous FTP user to be able to create
# new directories.
#anon_mkdir_write_enable=YES
#
# Activate directory messages - messages given to remote users when they
# go into a certain directory.
dirmessage_enable=YES
#
# If enabled, vsftpd will display directory listings with the time
# in your local time zone. The default is to display GMT. The
# times returned by the MDTM FTP command are also affected by this
# option.
use_localtime=YES
#
# Activate logging of uploads/downloads.
xferlog_enable=YES
```

kemudian kalian edit vsftpd sama seperti pada gambar

LANGKAH 11

```
GNU nano 5.4 /etc/vsftpd.conf
# Make sure PORT transfer connections originate from port 20 (ftp-data).
connect_from_port_20=YES
#
# If you want, you can arrange for uploaded anonymous files to be owned by
# a different user. Note! Using "root" for uploaded files is not
# recommended!
#chown_uploads=YES
#chown_username=whoever
#
# You may override where the log file goes if you like. The default is shown
# below.
#xferlog_file=/var/log/vsftpd.log
#
# If you want, you can have your log file in standard ftpd xferlog format.
# Note that the default log file location is /var/log/xferlog in this case.
#xferlog_std_format=YES
#
# You may change the default value for timing out an idle session.
#idle_session_timeout=600
```

kemudian kalian edit vsftpd sama seperti pada gambar

LANGKAH 12

```
GNU nano 5.4 /etc/vsftpd.conf
# chroot)
chroot_local_user=YES
allow_writeable_chroot=YES

user_sub_token=$USER
local_root=/var/ftp/private/$USER
#chroot_list_enable=YES
# (default follows)
#chroot_list_file=/etc/vsftpd.chroot_list
#
# You may activate the "-R" option to the builtin ls. This is disabled by
# default to avoid remote users being able to cause excessive I/O on large
# sites. However, some broken FTP clients such as "ncftp" and "mirror" assume
# the presence of the "-R" option, so there is a strong case for enabling it.
#ls_recurse_enable=YES
#
# Customization
#
# Some of vsftpd's settings don't fit the filesystem layout by
# default.
```

kemudian kalian edit vsftpd sama seperti pada gambar

LANGKAH 13

```
GNU nano 5.4 /etc/vsftpd.conf
# This option should be the name of a directory which is empty. Also, the
# directory should not be writable by the ftp user. This directory is used
# as a secure chroot() jail at times vsftpd does not require filesystem
# access.
secure_chroot_dir=/var/run/vsftpd/empty
#
# This string is the name of the PAM service vsftpd will use.
pam_service_name=vsftpd
#
# This option specifies the location of the RSA certificate to use for SSL
# encrypted connections.
rsa_cert_file=/etc/ssl/certs/ssl-cert-snakeoil.pem
rsa_private_key_file=/etc/ssl/private/ssl-cert-snakeoil.key
ssl_enable=NO

anon_root=/var/ftp/public
no_anon_password=YES
hide_ids=YES
# Uncomment this to indicate that vsftpd use a utf8 filesystem.
#utf8_filesystem=YES
```

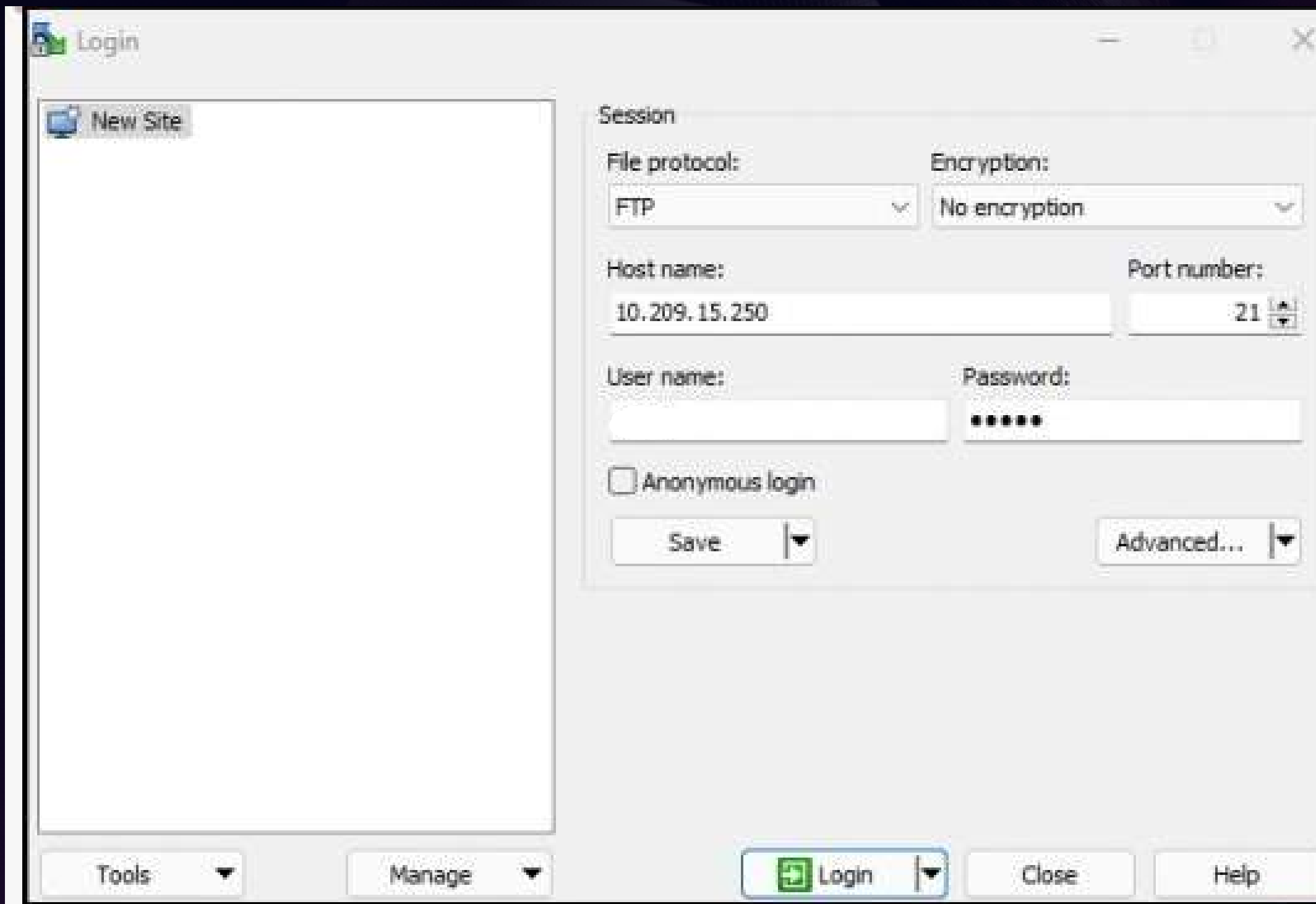
kemudian kalian edit vsftpd sama seperti pada gambar

LANGKAH 14

```
debian# systemctl restart vsftpd  
debian# systemctl restart networking
```

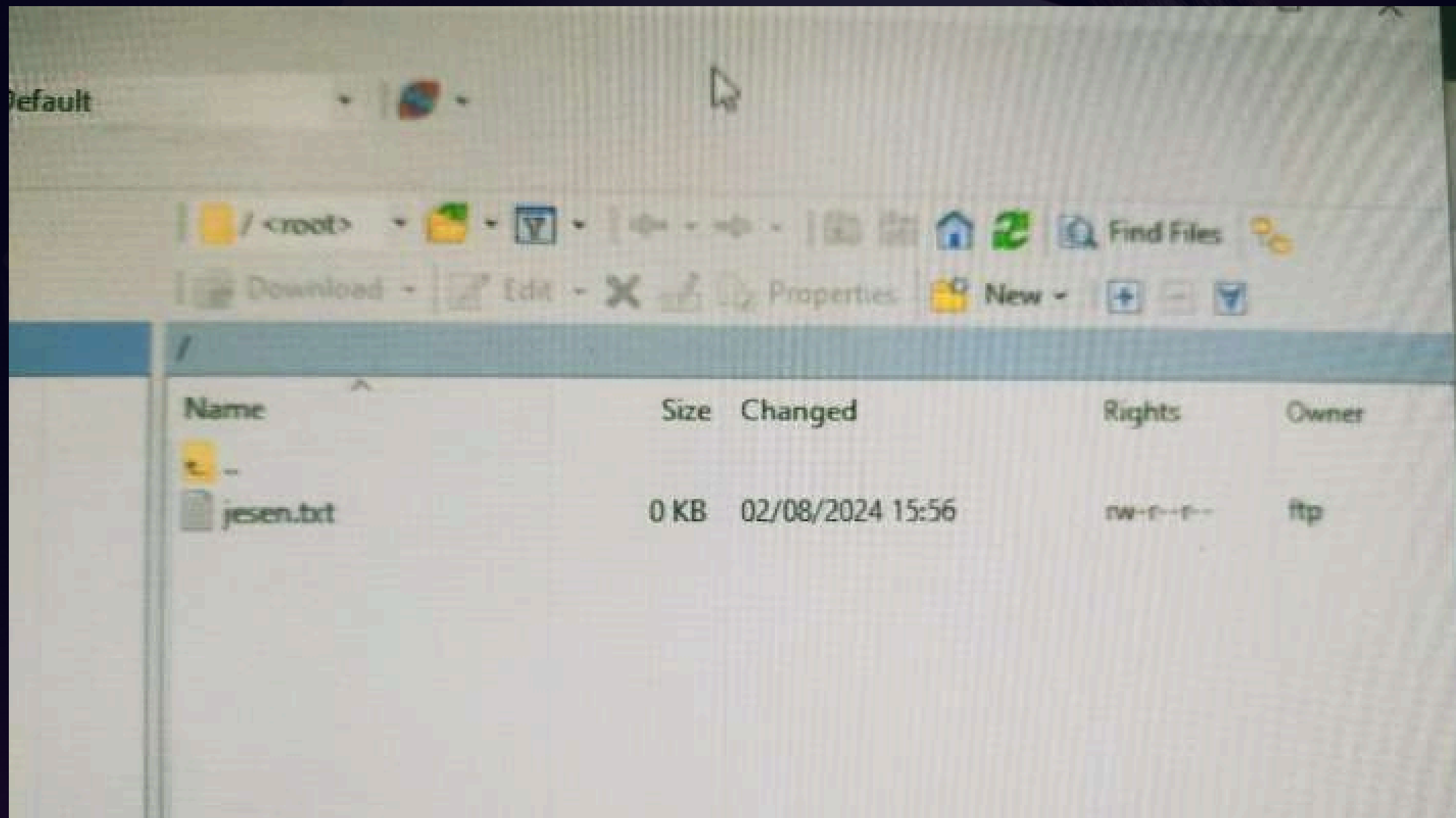
kemudian kalian ketik "systemctl restart vsftpd" dan "systemctl restart networking"

LANGKAH 15



kemudian login ke aplikasi winscp lalu isi host name dengan IP kaliann port number nya 21 lalu masukan username dan password kemudian login

LANGKAH 16



Dan sudah berhasil



THANK YOU