

The configuration of FTP In MSR Series

Keywords: MSR;FTP SERVER

I Requirement for the diagram

PC connect with MSR, config the ip address, config MSR as FTP Server, PC as FTP Client, Realizing file up-load and down-load.

Device List: 1 MSR; 1 PC

CMW Version: Version 5.20, Beta 1106

II Network topology

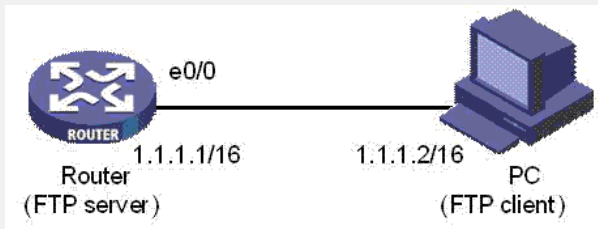


Figure 1 MSR as FTP Server

III Steps of configuration

1) Connecting all the devices as showed in Figure 1, configuring the E0/0 with address 1.1.1.1/16, PC's address is 1.1.1.2/16;

2) Configuring the Router as below:

```

Download File
//Enable MSR FTP Server service, set the ip to 1.1.1.1/16
[Router]ftp server enable
[Router]interface Ethernet 0/0
[Router-Ethernet0/0]ip address 1.1.1.1 16
//Creat new user: ftp, password is : ftptfp
[Router]local-user ftp
[Router-luser-ftp]password simple ftptfp
//set user service type to ftp, default working directory is cf:/
[Router-luser-ftp]service-type ftp ftp-directory cf:/
//PC: ftp to the server and download file
C:\>ftp 1.1.1.1
Connected to 1.1.1.1
220 FTP service ready.
User (1.1.1.1:(none)): ftp
331 Password required for ftp
Password: //here input : ftptfp
230 User logged in.
//Download operation, Source filename and Destination filename default use
their original name
ftp> get <Source filename> <Destination filename>Password:
230 User logged in

//After success download,check the result:
Default the download fiel will saved at C:\
UP-Load File

```

```
[Router]ftp server en
//creat new local user : ftp, password is : ftpftp
[Router]local-user ftp
[Router-luser-ftp]password simple ftpftp
//set the user service type to FTP, the default directory is cf:/
[Router-luser-ftp]service-type ftp ftp-directory cf:/
//PC: FTP to msr, and up load file
C:\>ftp 1.1.1.1
Connected to 1.1.1.1
220 FTP service ready.
User (1.1.1.1:(none)): ftp
331 Password required for ftp
Password: //here input : ftpftp
230 User logged in

//UP-load file, Source filename and Destination filename default use their origin name
ftp> put <Source filename> <Destination filename>
//Up load success, there will be info below:
200 Port command okay.
150 Opening ASCII mode data connection for xxxx
226 Transfer complete.
ftp: 406 bytes sent in xxxSeconds xxxxKbytes/sec.
ftp>
//Check up loaded file
<Router>dir
```

IV Key notes in the configuration

- 1) Make sure both device are reachable;
- 2) Make sure all the user name, password that input are all correct;