

The configuration of TFTP Client In MSR Series

Keywords:MSR;TFTP Client

I Requirement for the diagram

PC connect with MSR, config the ip address, PC as TFTP Server, Starting TFTP Server on PC(Using 3C Daemon)Realizing file up-load and down-load.

Device List: 1 MSR; 1 PC

CMW Version: Version 5.20, Beta 1106

II Network topology

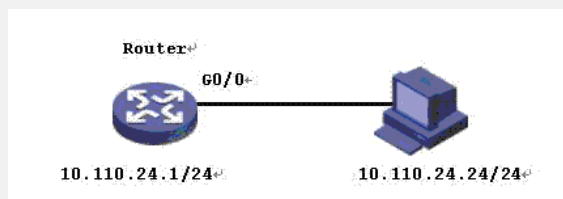


Figure 1 MSR as TFTP Client

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) Start FTP Server on PC, make sure about the ftp user name and password;
- 3) Configuring the Router as below:

UP Load File

```
//Command Analysis: tftp <server IP> put <source Filename> <destination filename>
//will up load file, if down load file, using get replace put
<Router>tftp 10.110.24.24 put main.bin 1.bin
File will be transferred in binary mode
Sending file to remote tftp server. Please wait... \
TFTP: 15826228 bytes sent in 354 second(s).
File uploaded successfully.
//Check the up load result:
There has a file named: 1.bin
```

DOWN Load File

```
//Command Analysis: tftp <server IP> get <source Filename> <destination filename>
//will down load a file. source Filename, destination filename according to the source file name and the target file name. Here, the source is 1.Bin and the destination file is 2.bin
<Router>tftp 10.110.24.24 get 1.bin 2.bin
File will be transferred in binary mode
Downloading file from remote tftp server, please wait.../
TFTP: 15826228 bytes received in 350 second(s)
File downloaded successfully.
//Check the down load result
<Router>dir
Directory of cf:/
 0 drw-      - Aug 29 2006 16:09:10 logfile
 1 -rw- 15826228 Aug 24 2006 19:54:50 main.bin
 2 -rw- 15826228 Nov 07 2006 11:12:00 2.bin
252344 KB total (221304 KB free)
File system type of cf: FAT16
```

IV Key notes in the configuration

- 1) Make sure both device are reachable;
- 2) Make sure the size are the same before and after transfer;