

知 Use TFTP to export diagnostic information

Switches 龚训杰 2020-05-22 Published

Network Topology

Device[10.0.0.1]-----PC[10.0.0.2]

Configuration Steps

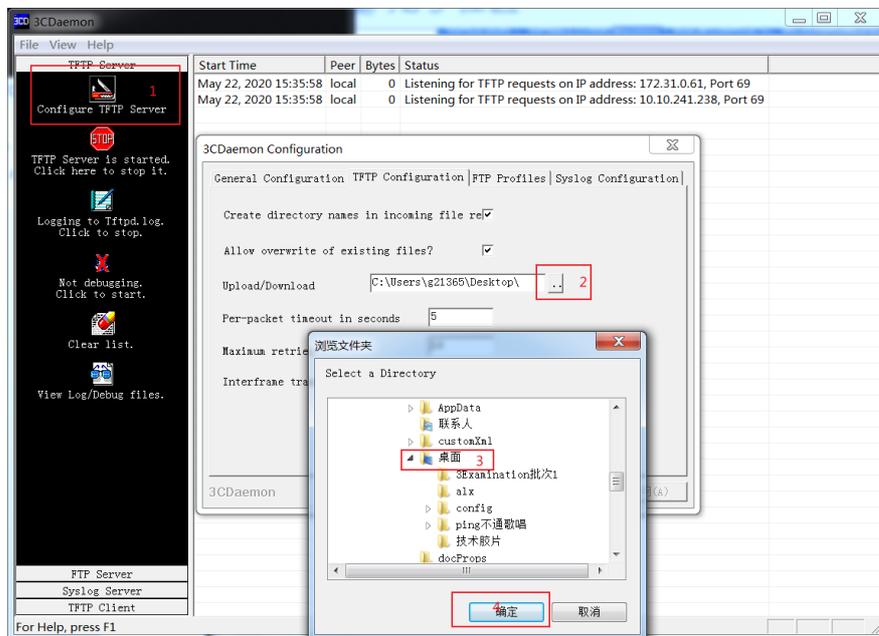
1. Connect the device with a network cable, configure the IP to confirm that the computer and the device can ping each other. Here, our computer IP is 10.0.0.2, and the device IP is 10.0.0.1.

```
[WX5540E-V7]ping 10.0.0.2
Ping 10.0.0.2 (10.0.0.2): 56 data bytes, press CTRL_C to break
56 bytes from 10.0.0.2: icmp_seq=0 ttl=255 time=0.329 ms
56 bytes from 10.0.0.2: icmp_seq=1 ttl=255 time=0.163 ms
56 bytes from 10.0.0.2: icmp_seq=2 ttl=255 time=0.174 ms
56 bytes from 10.0.0.2: icmp_seq=3 ttl=255 time=0.180 ms
56 bytes from 10.0.0.2: icmp_seq=4 ttl=255 time=0.149 ms
--- Ping statistics for 10.0.0.2 ---
5 packet(s) transmitted, 5 packet(s) received, 0.0% packet loss,
round-trip min/avg/max/std-dev = 0.149/0.199/0.329/0.066 ms
[WX5540E-V7]#Feb 4 19:44:30:665 2020 WX5540E-V7 PING/6
/PING_STATISTICS: Ping statistics for 10.0.0.2: 5 packet(s) transmitted, 5 packet(s) received, 0.0% packet loss, round-trip min/avg/max/std-dev = 0.149/0.199/0.329/0.066 ms
```

2. Make sure the computer has TFTP software, we use 3CD here.



3. Open 3CD, click TFTP server, set the save path to desktop.



4. Use the Console line to connect the device and enter the device command line to save the logfile file in the user view. The command is: logfile save.

```
<WX5540E-V7>logfile save
The contents in the log file buffer have been saved to the file cfa0:/logfile/logfile1.log.
<WX5540E-V7>
```

5. Use the command to collect diagnostic information: display diagnostic-information.

```
<WX5540E-V7>display diagnostic-information
Save or display diagnostic information (Y=save, N=display)? [Y/N]:y
Please input the file name(*.tar.gz)[cfa0:/diag_wx5540E-V7_20200204-195603.tar.gz]:
Diagnostic information is outputting to cfa0:/diag_wx5540E-V7_20200204-195603.tar.gz.
Please wait...
save successfully.
```

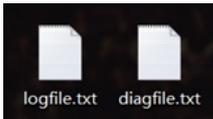
6. Enter the directory in user view, the command is dir. You can see the diagnostic information、logfile file and the diagfile.

```
<wx5540E-V7>dir
Directory of cfa0:
 0 drw-      - Feb 04 2020 00:36:14  apimgc
 1 -rw-    473019392 Feb 04 2020 00:18:42  boot.bin
 2 -rw-      261472 Feb 04 2020 00:43:30  defaultfile.zip      diagnostic infomation
 3 -rw-      203742 Feb 04 2020 19:56:26  diag_wx5540E-V7_20200204-195603.tar.gz
 4 drw-      - Jan 21 2020 19:05:42  diagfile             diagfile
 5 -rw-    1476608 Sep 21 2019 15:42:00  freeradius.bin
 6 -rw-       926 Jan 27 2020 19:07:40  ifindex.dat
 7 -rw-       0 Feb 04 2020 19:56:24  lauth.dat
 8 drw-      - Sep 14 2019 00:23:18  license
 9 drw-      - Feb 03 2020 15:56:54  logfile             logfile
10 drw-      - Feb 03 2020 19:06:10  pdt_reserve
11 drw-      - Jan 21 2020 19:06:00  pki
12 drw-      - Jan 21 2020 19:05:42  seclog
13 -rw-       6455 Jan 27 2020 19:07:40  startup.cfg
14 -rw-    220087 Jan 27 2020 19:07:42  startup.mdb
15 -rw-    84591616 Feb 04 2020 00:20:56  system.bin
16 -rw-       1177 Feb 02 2020 01:20:02  vlan.txt
```

7. Enter the tftp command [tftp 10.0.0.2 put flash:/] in the user view to export the files to the computer desktop, and wait for the transfer to complete.

```
<S5130-28S-EI>tftp 10.0.0.2 put flash:/diag_S5130-28S-EI_20130110-145633.tar.gz
Press CTRL+C to abort.
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           % Dload  % Upload   Dload  Upload   Total   Spent    Left   Speed
 0  97629    0     0     0     0     0     0  --:--:--  0:00:05  --:--:--    0
```

8. Generate logfile and diagfile files on the desktop.



Key Configuration

null