# Use TFTP to export diagnostic information

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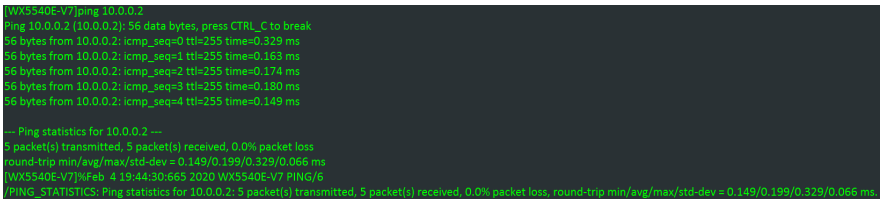
## Network Topology

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

## Configuration Steps

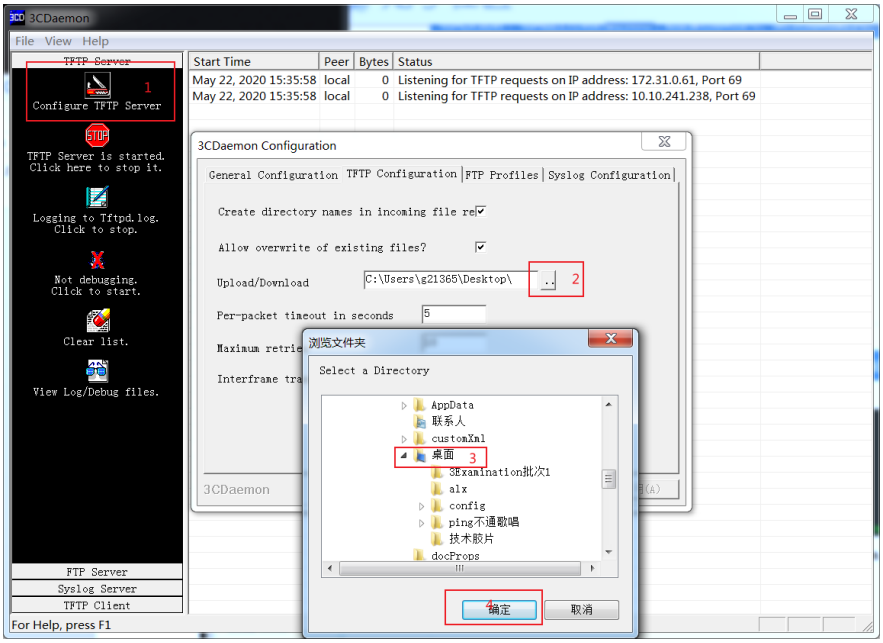
**1. Connect the device with a network cable, configure the IP to confirm that the computer and the device can ping each other. Here, our computer IP is 10.0.0.2, and the device IP is 10.0.0.1.**




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

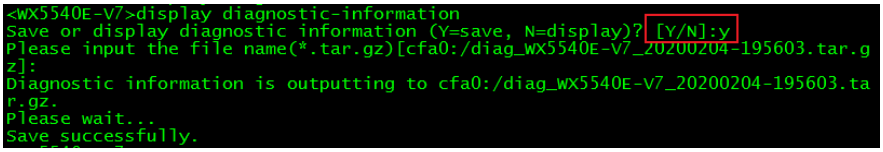
3CDaemon

**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 l ogfile file in the user view. The command is: logfile save.**

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




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

```
<WX5540E-V7>dir
Directory of cfa0:
   0 drw-           - Feb 04 2020 00:36:14   apimge
   1 -rw-   473019392 Feb 04 2020 00:18:42   boot.bin
   2 -rw-      261472 Feb 04 2020 00:43:30   defaultfile.zip
   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
   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
  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
```

diagnostic infomation

diagfile

logfile

**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   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