How to use DHCP Auto Configuration on DGS-1210-10P

[Topology]

> **Note:** DGS-1210 support DHCP Auto Configuration function at firmware R2, so please make sure your DUT upgrade to the latest firmware version

[Scenario]

You can refer to KM [DK1000593] first. As described in KM [DK1000593]:

The DHCP automatic configuration function is used to automatically download and apply the previously saved configuration file from TFTP server whiles the device startup.

In the current scenario, we use the pre-configured configuration file for test, the followings are the detail we altered in the configuration file, the others are kept in default value:

[Configuration]
At DHCP Server + TFTP Server

1) DHCP Server:

    HaneWin DHCP Server create a profile for DGS-1210, setting as below, and go to "**Boot**" page, fill the TFTP server's IP address to the "**Next Server IP Address**", and set the configuration file name in the "**File**".

2) TFTP Server:

Put the pre-configuration file "***ConfigFile-DGS-1210-10P***" in the location of TFTP Server Upload/Download

Directory, the file name is the same as you fill-in at DHCP Server Boot page.

==
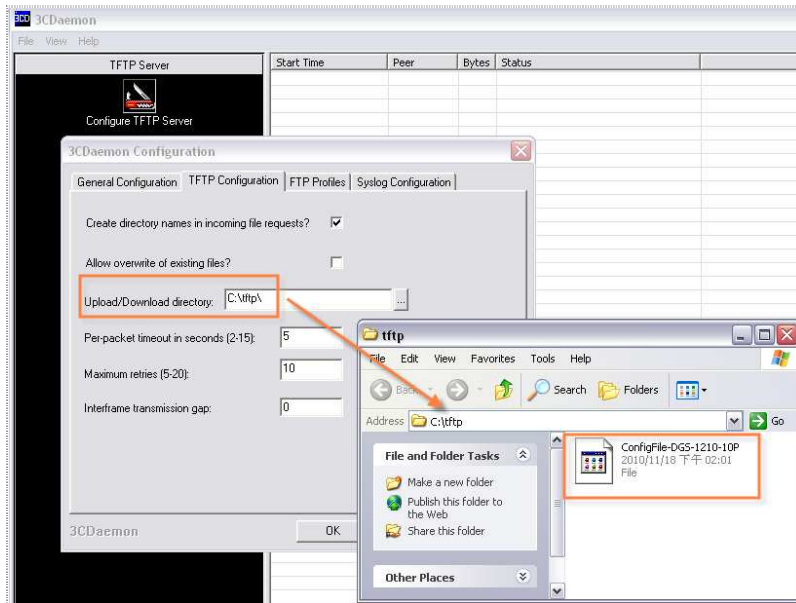
At DGS-1210-10P

1) Set the system IP into DHCP:

System -> System Settings
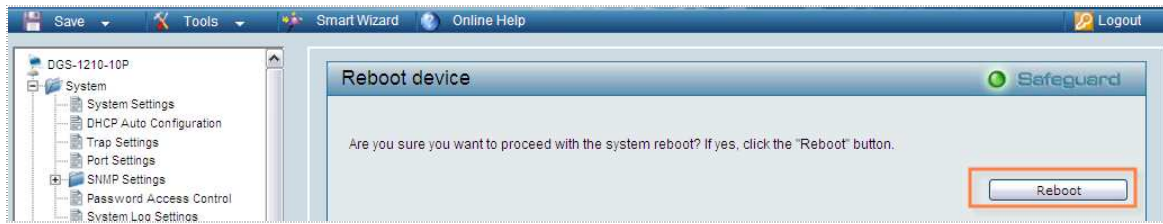

2) set the DHCP auto configuration to enabled

System -> DHCP Auto Configuration

3) Save the current configuration into switch:

4) Reboot switch:

5) After boot up, you can see DGS-1210-10P get the IP from DHCP Server, and also can upload configuration "**ConfigFile-DGS-1210-10P**" from TFTP Server without problem.

DGS-1210-10P_DHC
P+TFTP.zip

See attached packet for the detail:

- **DHCP Packet:**

- **TFTP Packet:**