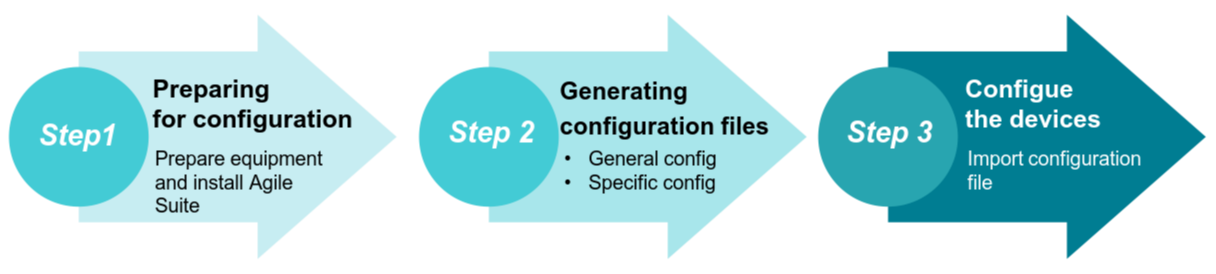
Agile Config is a function that simplifies customization process, it can be used to customize the default configurations of devices in batches. When the end users reset the device, it turns out to be the default configuration of ISP. Flexible settings include WAN connection type, SSID, password, time zoon and so on.

You can learn how to use this function from this file, and feel freely to contact us if you get in problems.

Agile Config Operation Manual



Before all the configuration work begins, you need to prepare the equipment and install "Agile Suite" software.

There are two configuration modes: General config and Specific config, you can choose one or two according to actual needs.

Configure the devices in batches.

Step1: Preparing for configuration

Before all the configuration work begins, you need to prepare the equipment and install "Agile Suite" software.

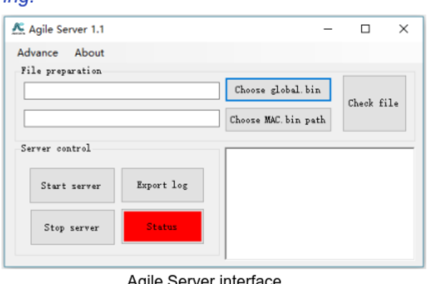
1. Equipment Required

- Hardware required: one PC(firewall should be closed), one switch and one DUT which supports Agile Config function.
- Supported operating systems: Windows 7/ Windows 10 (.NET Framework 3.5 or later needed).
- Software required: Excel 2007 or later; Agile Config 1.1 Suite.

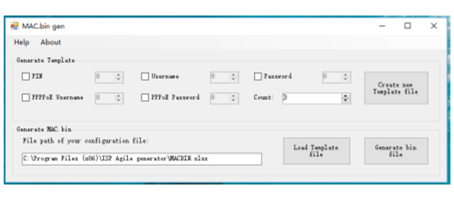
2. Install Agile Suite

Install the AgileServer.exe and ISP Generater.exe according to the guideline, we will get the Agile Server and ISP generator.

Note: The password of this two installers is "Tplinkonly1". When run the installer, if antivirus program in PC popups warning, please choose ignoring.



Agile Server interface



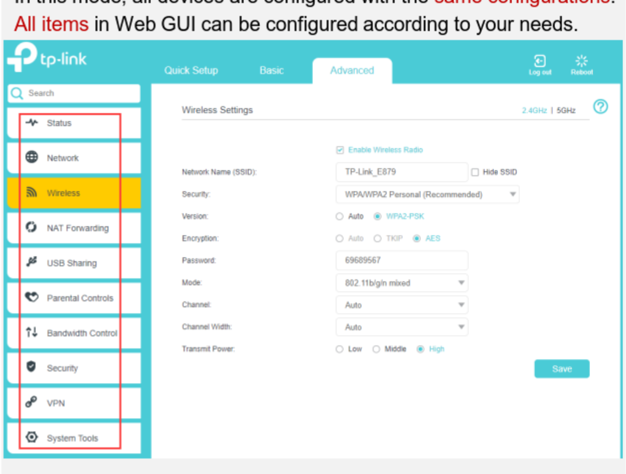
ISP Generator interface

Step2: Generating configuration file

There are two configuration modes: General config and Specific config, you can choose one or two according to actual needs.

General config

In this mode, all devices are configured with the same configurations. All items in Web GUI can be configured according to your needs.



Specific config

In this mode, you can configure each device with different configurations based on MAC address.

It only supports these configurations:

- Username and password of Web management interface
- Wireless password (only for 2.4GHz)
- Username and password of PPPoE connection
- IP address, Subnet mask, Gateway and DNS of Static IP connection
- 2.4GHz and 5GHz SSID

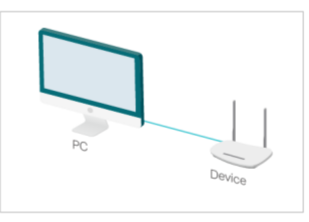
Note:

- *For PPPoE and Static IP, need to build up one PPPoE or Static IP connection in general config mode first, then can set PPPoE account and static IP parameters in specific config mode.*

Step2: Generating configuration file

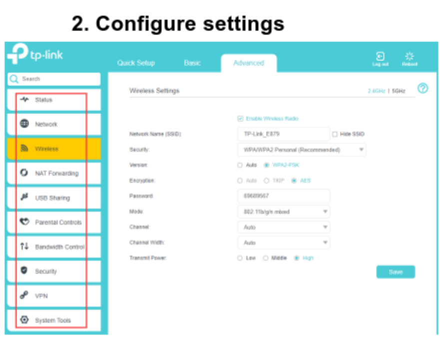
General config mode

1. Connect device to PC



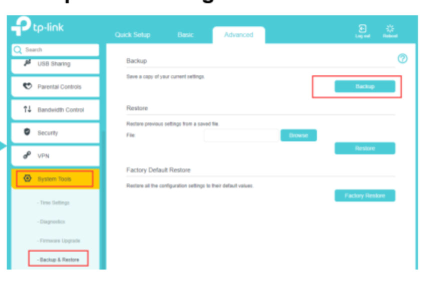
Connect one device to the PC via LAN port with Ethernet cable, and login the web management page.

2. Configure settings



Configure the settings according to your needs. All items in Web GUI can be configured according to your needs.

3. Export the configuration file



After your configuration, click "Backup" to export the configuration file. The config file will be downloaded right away by the browser.

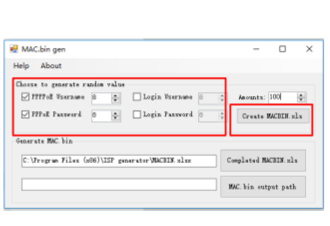
Note:

- *The IP address of your PC should be obtained automatically here.*
- *Please find the login information from the label on the bottom of the device.*
- *The exported configuration file is one "xxxxx.bin" file based on model name, such as "ArcherC5V418050936428n.bin".*
- *If the backup file is "conf.bin", that means your device does not support Agile config function.*

Step2: Generating configuration file

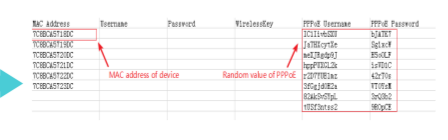
Specific config mode

1. Create a excel file



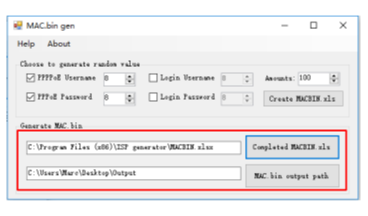
Run ISP generator as administrator, If you want to obtain random parameters by the tool, click and select the parameters you want. Otherwise, do not select anything and click "Create MACBIN.xls" to export the excel file.

2. Modify the excel file



Open this MACBIN.xls file, and input the MAC addresses of which the devices we need to configure, input the other parameters according to your actual needs, save the file after modification.

3. Generate the configuration file



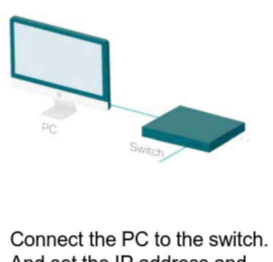
Click "Completed MACBIN.xls" button and select the excel file you just saved, then click and select "MAC.bin output path", the configuration files ("MAC.bin") will be automatically exported in the folder you chose.

Note:

- *In ISP generator, the digit behind username and password is the number of username/password characters.*
- *In ISP generator, Amounts means the number of configuration files which you want to generate.*
- *In MACBIN.xls file, the items which you no need to configure, just keep it blank, don't delete.*
- *The exported configuration file is one "xxxxx.bin" file based on MAC address, such as "7C8BCA5718DC.bin". One file for one device.*

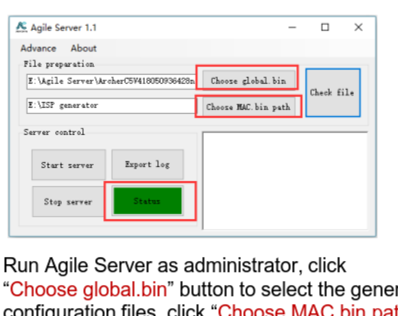
Step3: Configure the devices

1. Connect the PC to a switch and set IP address



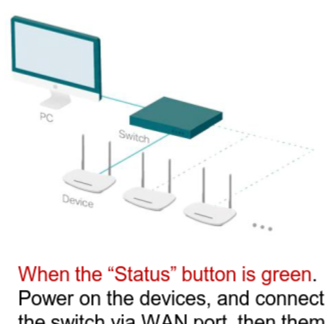
Connect the PC to the switch. And set the IP address and subnet mask to be "192.168.66.10, 255.255.255.0".

2. Import configuration file



Run Agile Server as administrator, click "Choose global.bin" button to select the general configuration files, click "Choose MAC.bin path" button to select the path of specific configuration files. Click "Start server" to start.

3. Batch configure devices



When the "Status" button is green. Power on the devices, and connect to the switch via WAN port, then them will be configured automatically within some seconds. The devices will reboot after configure successfully.

Note:

- *Even you only use one configuration mode, also had to select one random path for another mode.*
- *If port 67 and 69 is occupied by other application, the server will fail to launch, need to release the port and try again.*
- *The Agile config function is effective only for devices within ten minutes after power on.*

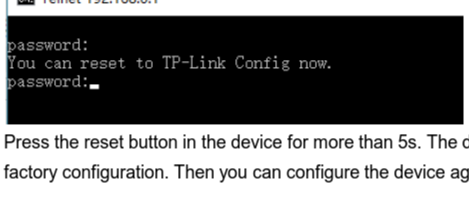
FAQ

Q: How to reconfigure a configured device?

A: Agile Config only works once on each device. If you want to refresh the configurations of a configured device, you need to reset the device to be TP-Link factory configuration by Telnet command and reset button as below:

1. Power the device on and connect to one PC.
2. Run a chat cmd.exe on the PC, enter "telnet 192.168.0.1"(LAN IP address of the device) to login the device within 10 minutes of the device being powered on.

3. Enter "reset" for password, then the cmd.exe will show "You can reset to TP-Link Config now.".



4. Press the reset button in the device for more than 5s. The device will reboot once the reset process is completed and will now have the default TP-Link factory configuration. Then you can configure the device again via Agile Config.

FAQ

Q: How to configure the device's SSID to be formatted with MAC address?

A: If the SSID of each device needs to be unique based on their MAC addresses, please set the SSID as "WISP_XXXX_2.4G" in General Config. Here, "WISP" is the name which you can set by yourselves, XXXX will be replaced with the last N bits of the MAC address (N is the number of X you enter). For example, when the MAC address is 8D6C7298D0A and the SSID is set as WISP_XXXX_2.4G, the new SSID will be WISP_8D0A_2.4G.

Q: Could configure both modes at the same time?(General config mode and Specific config mode)

A: Yes. Click "Choose global.bin" button to select the general configuration files, click "Choose MAC.bin path" button to select the path of specific configuration files. The program will run general configuration file first, then run specific configuration files.