

Tasmota Testing Process

Pre-Testing Setup

Create a Wi-Fi access point with the following credentials.

SSID: tasmota-flash

Password: winniePOOH

Gateway IP Address: 192.168.0.1

Connect a computer to this access point.

Open Control Panel → Programs and Features → Enable Windows Subsystem for Linux and reboot

Install Ubuntu 20.04 from the Windows Store. Open it and configure.

Type `wget https://raw.githubusercontent.com/CloudFreeShop/testing/master/cloudfree-test.sh` and hit Enter to download the configuration script.

Configuration Testing

After flashing the plug with the Tasmota binary, configure the plug for testing by passing the following command to the plug over serial (use a program like Termit Serial Console)

Backlog SSID1 tasmota-flash; password1 winniePOOH; IPAddress1 192.168.0.198; IPAddress2 192.168.0.1; IPAddress3 255.255.255.0; IPAddress4 192.168.0.1;

This will connect the plug to our access point.

Now run the script by typing `bash cloudfree-test.sh` and hitting Enter.

This script will

1. Find the smart plug at its static IP address of 192.168.0.198
2. Turn on and off three times
3. Reset to end user mode

Check for errors, make sure the relay and light turned on and off three times.

After it reboots, it should emit its own Wi-Fi, "tasmota_XXXXX-XXXX"

Once it finishes testing and it finished rebooting, you can unplug the device. It is fully configured!