Click Through CP Manual and AutomationTEST

PREPARED FOR Netgear

PREPARED BY

Candela India Pvt Ltd

1. Project Overview

There are total four file which is useful to run Click through captive portal task.

1. portal-bot.pl – This is the main Perl script which is passing to GUI

2. botlib.pm – This is the standard library where define number of methods which is useful for this test
3. bp_net.pm – This is the module which is import from portal-bot.pl file.
4. portal-bot.bash-example – This file use to execute the portal-bot.pl script

2. How to use Script (Two ways to run test manually)?

1. First Method.

a. Copy all the file in /home/lanforge/ directory.
   i. cp filename /home/lanforge/
b. Create station in lanforge
c. open "portal-bot.bash-example" & edit station name(-i) and IP address(--ip4) in file and save it

```
source /home/lanforge/lanforge.profile
# http://192.168.208.26:3001/wifidog/login/1?gw_addre
php&wlanindex=1

PBOT_DEBUG=1 PBOT_NOFORK=1 ./portal-bot.pl \
    -i     sta0008 \
    -b     bp_net.pm \
    --ip4 192.168.210.196\
    --dns 192.168.200.1 \
    --mgt /dev/null \
    --delays 0,0,0\
    -u     "[BLANK]" \
    -p     "[BLANK]" \
    -a     "http://192.168.208.18:3001/wifidog/" \
    -s     "http://www.msftconnecttest.com/redirect" \
    -n     "login/1" \
    -o     'portal/2' \
    -t     "portal/2" \
    -v $*

# use  --print to format for Port -> Misc field in GU
"portal-bot.bash" 47L, 2631C
```

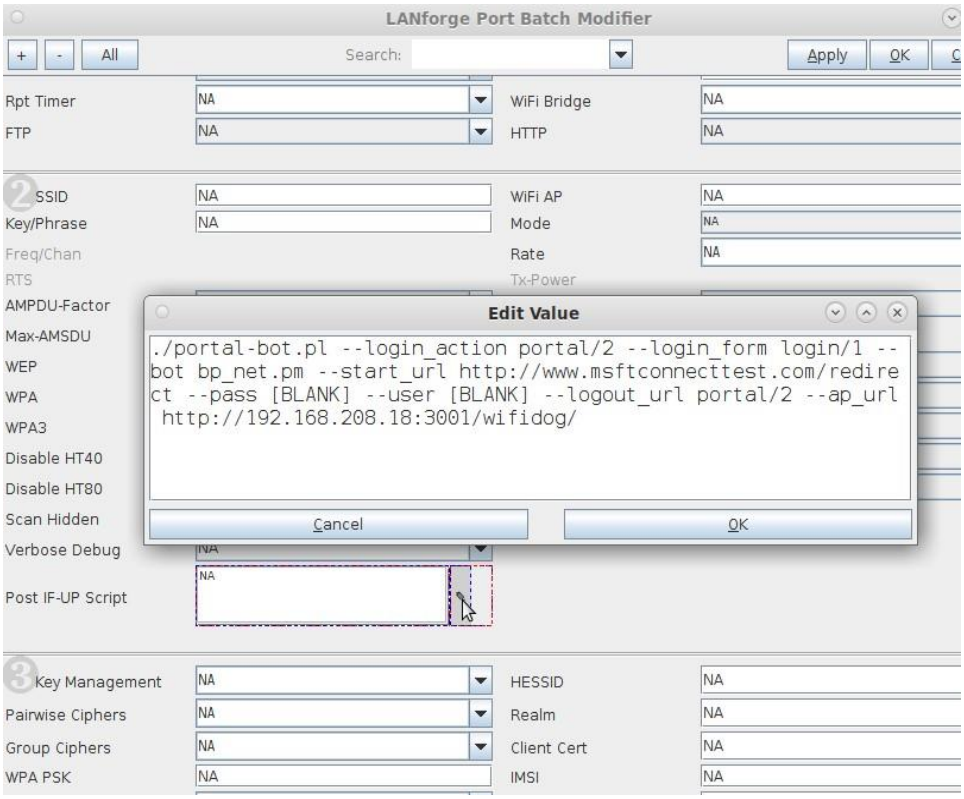
d. run the script
   i. ./ portal-bot.bash-example
e. You can check the event logs for all pass and fail result

2. Second Method.

a. Copy all the file in /home/lanforge/ directory.

i. cp filename /home/lanforge/

b. create stations in lanforge Gui
c. run this command (./portal-bot.pl –print)
d. you will get script detail after giving above command
e. copy this statement
    i. ./portal-bot.pl --logout_url "" --bot "" --ap_url "" --pass "" --start_url "" --login_form "" --login_action "" --user ""
f. Select all the station ->click on batch Modifier->paste above data on Post IF-UP Script>Apply



3. How to run script

Some examples are

Go to working directory :

cd Candela-Automation/click_through_portal/ and run below test.

1**. Run all scenarios(2.4 GHz, 5 GHz, 2.4 + 5 GHz)** : python3 clickthru_captive_portal.py -mgr 192.168.200.12 -ssid portal -pwd [Blank] -sec open --radio1 wiphy0 --radio2 wiphy1 -num_port 40 --mode1 6 --mode2 10 --ip 192.168.215.49 --all_test 1

2.**Run two scenario(2.4 GHz, 5 GHz)** : python3 clickthru_captive_portal.py -mgr 192.168.200.12 -ssid portal -pwd [Blank] -sec open --radio1 wiphy0 --radio2 wiphy1 -num_port 40 --mode1 6 --mode2 1 --ip 192.168.215.49 --test_2G 1 --test_5G 1

3. Run one scenario only(2.4 + 5 GHz) : python3 clickthru_captive_portal.py -mgr 192.168.200.12 -ssid portal -pwd [Blank] -sec open --radio1 wiphy0 --radio2 wiphy1 -num_port 40 --mode1 6 --mode2 10 --ip 192.168.215.49 --test_both 1

optional arguments: -h, --help show this help message and exit

-mgr HOST, --host HOST host name

-ssid SSID, --ssid SSID ssid for client

-pwd PASSWD, --passwd PASSWD password to connect to ssid -sec SECURITY,

--security SECURITY security

-radio1 RADIO1, --radio1 RADIO1 radio at which client will be connected on 2.4GHz

-radio2 RADIO2, --radio2 RADIO2 radio at which client will be connected on 5 GHz

-num_port NUM_PORT, --num_port NUM_PORT number of client

--mode1 MODE1 Used to force mode of stations.(enter 6 for 2.4GHz)

--mode2 MODE2 Used to force mode of stations.(10 for 5GHz)

--ip IP ip address of AP

--user USER --Enter the username

--all_test ALL_TEST --run all scenario

--test_2G TEST_2G --run 2.4 GHz scenario

--test_5G TEST_5G --run 5 GHz scenario

--test_both TEST_BOTH --run 2+5 GHz scenario

4. Contact

Visit - https://www.candelatech.com/

For any support related help contact - support@candelatech.com