

LF Check: CT-TEST-001 lf_check.py

2021-10-13-06-18-12



Objective

Run QA Tests

LANForge

LANforge	kernel version	server version	gui version	gui build date	gui git sha	scripts git sha
ct523c-3b7b	5.15.0-rc5+	Version: 5.4.4 Compiled on: Mon 11 Oct 2021 05:51:28 PM PDT	5.4.4	"Mon 11 Oct 2021 06:59:52 PM PDT"	"e7462c3f07bd9b139b240edc0ab7437871bcb319"	e9888fd23d0cae429de7b877b86661e408ec7560\n

LANForge Radios

Radio	WIFI-Radio Driver	Radio Capabilities	Firmware Version	max_sta	max_vap	max_vifs
1.1.wiphy0	ath10k(9984)	802.11bgn-AC	10.4b-ct-9984-xtH-13-774502ee5	128	24	64
1.1.wiphy1	ath10k(9984)	802.11an-AC	10.4b-ct-9984-xtH-13-774502ee5	128	24	64
1.1.wiphy2	ath9k()	802.11abgn	<ath9k radios lack firmware>	2048	32	2048
1.1.wiphy3	ath10k(988x)	802.11abgn-AC	10.1-ct-8x-__xtH-022-bcdb24ff	127	24	64
1.1.wiphy4	iwlwifi(AX200)	802.11abgn-AX	release/core62::5ecbd6da	1	1	1
1.1.wiphy5	iwlwifi(AX210)	802.11abgn-AX	release/core62::5ecbd6da	1	1	1
1.1.wiphy6	iwlwifi(AX210)	802.11abgn-AX	release/core62::5ecbd6da	1	1	1
1.1.wiphy7	mt7915e()	802.11abgn-AX	<no firmware data>	19	16	19

LF Check Test Results

Test	Command	Duration	Start	End	Result	STDOUT	STDERR
create_chamberview_dut_wc	./create_chamberview_dut.py	0d 2s 825293 ms	2021-10-13-06-18-16	2021-10-13-06-18-19	Success	STDOUT	
<pre>./create_chamberview_dut.py --lfmgr 192.168.100.116 --port 8080 --dut_name ASUSRT-AX88U --ssid 'ssid_idx=0 ssid=asus11ax-2 security=wpa2 password=hello123 bssid=3c:7c:3f:55:4d:60' --ssid 'ssid_idx=1 ssid=asus11ax-5 security=wpa2 password=hello123 bssid=3c:7c:3f:55:4d:64' --sw_version DUT_SW_NA --hw_version DUT_HW_NA --serial_num DUT_SERIAL_NA --model_num ASUSRT-AX88U</pre>							
create_chamberview_wc	./create_chamberview.py	0d 5s 987380 ms	2021-10-13-06-18-19	2021-10-13-06-18-25	Success	STDOUT	
<pre>./create_chamberview.py --lfmgr 192.168.100.116 --port 8080 --delete_scenario --create_scenario scenario_wpa2_wc --raw_line "profile_link 1.1 STA-AC 19 'DUT: ASUSRT-AX88U Radio-2' NA wiphy7,AUTO -1 NA" --raw_line "profile_link 1.1 upstream-dhcp 1 NA NA 1.1.eth2,AUTO -1 NA"</pre>							
wifi_capacity	./lf_wifi_capacity_test.py	0d 165s 770807 ms	2021-10-13-06-18-25	2021-10-13-06-21-11	Success	STDOUT	
<pre>./lf_wifi_capacity_test.py --mgr 192.168.100.116 --port 8080 --lf_user lanforge --lf_password lanforge --instance_name scenario_wpa2_wc --upstream 1.1.eth2 --batch_size 1,10,19 --loop_iter 1 --protocol UDP-IPv4 --duration 6000 --pull_report --local_lf_report_dir /home/lanforge/html-reports/ct_results_directory/2021-10-13-06-18-12_lf_check --test_tag 'wpa2 wc' --test_rig CT-TEST-001 --set DUT_NAME ASUSRT-AX88U</pre>							
lf_qa	./tools/lf_qa.py	0d 2s 220803 ms	2021-10-13-06-21-11	2021-10-13-06-21-13	Success	STDOUT	
<pre>./tools/lf_qa.py --path /home/lanforge/html-reports/ct_results_directory/2021-10-13-06-18-12_lf_check --store --png --database ./tools/qa_sqlite3.db</pre>							

