

Layer 4-7 Traffic Generation: test_l4.py

2022-08-04-13-03-15



Objective

The Layer 4-7 Traffic Generation Test is designed to test the performance of the Access Point by running layer 4-7 Traffic. The test can monitor the urls/s, bytes-rd, and bytes-wr attribute of the endpoints. The attributes may also be tested over FTP. Pass / Fail criteria is based on the monitored value increasing

Device Under Test Information

Device Under Test	DUT Name	RT-AX88U
	DUT Hardware Version	A1.1
	DUT Software Version	3.0.0.4.384
	DUT Serial Number	M1IAHP000003
	SSID	wif1

Test Configuration

Test Configuration	LANforge ip	192.168.30.12
	LANforge port	8080
	Upstream	1.1.eth1
	Radio	1.1.wiphy0
	SSID	wif1
	Security	wpa2
	Requests per 10 minutes	600
	Target Requests per 10 minutes	600
	Upload / Download url	dl http://10.10.10.10 /dev/null
	Test Duration	1m
	Test Type	bytes-rd

L4 Test Key Performance Indexes

Time epoch	Time	Station-Count	Bytes-RD	Bytes-WR	RX Rate	TX Rate	URLs/s	Total URLs
1659636195	08_04_2022_13_03_15	2	84870	0	9760	0	1.983333	138