

HTTP DOWNLOAD TEST

2025-09-03-16:07:14



Test Setup Information

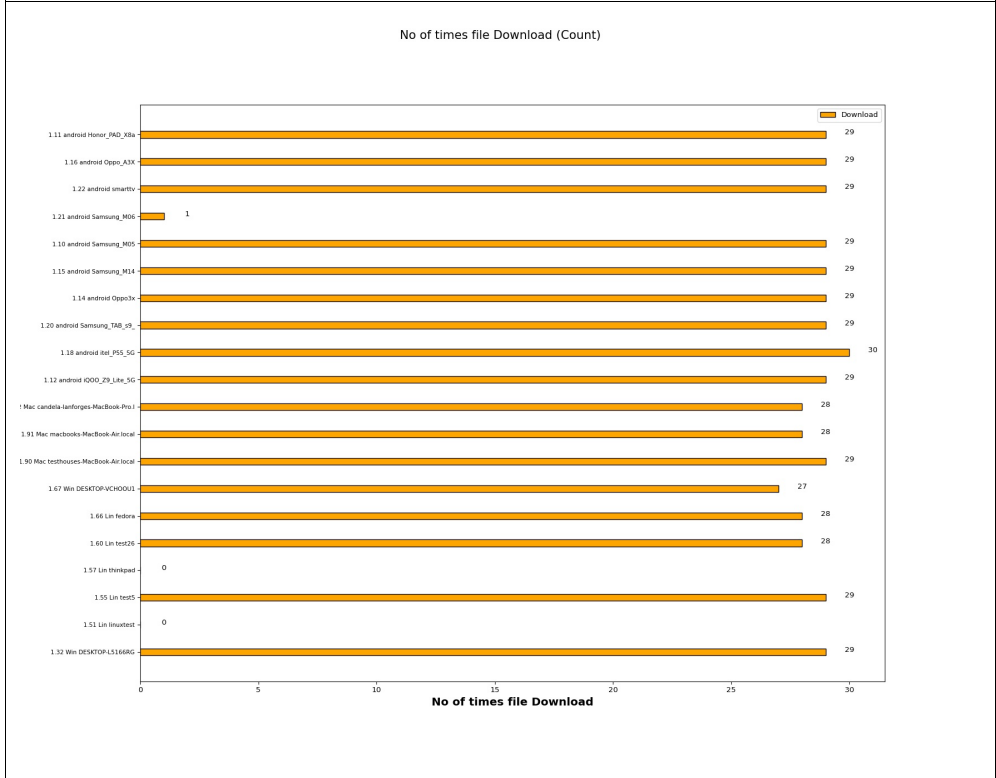
Test Setup Information	AP Name	TestAP
	SSID	None
	Device List	DESKTOP-L5166RG(Windows), linuxtest(Linux), test5(Linux), thinkpad(Linux), test26(Linux), fedora(Linux), DESKTOP-VCHOOU1(Windows), testhouses-MacBook-Air.local(Mac), macbooks-MacBook-Air.local(Mac), candela-lanforges-MacBook-Pro.(Mac), iQOO_Z9_Lite_5G(Android), itel_P55_5G(Android), Samsung_TAB_s9_(Android), Oppo3x(Android), Samsung_M14(Android), Samsung_M05(Android), Samsung_M06(Android), smarttv(Android), Oppo_A3X(Android), Honor_PAD_X8a(Android)
	Security	None
	No of Devices	Total(20) Android(10) Windows(2) Linux(5) Mac(3)
	Traffic Direction	Download
	Traffic Duration	3.0m
	File size	5MB
	File location	/usr/local/lanforge/nginx/html

Objective

The HTTP Download Test is designed to verify that N clients connected on specified band can download some amount of file from HTTP server and measures the time taken by the client to Download the file.

No of times file Downloads

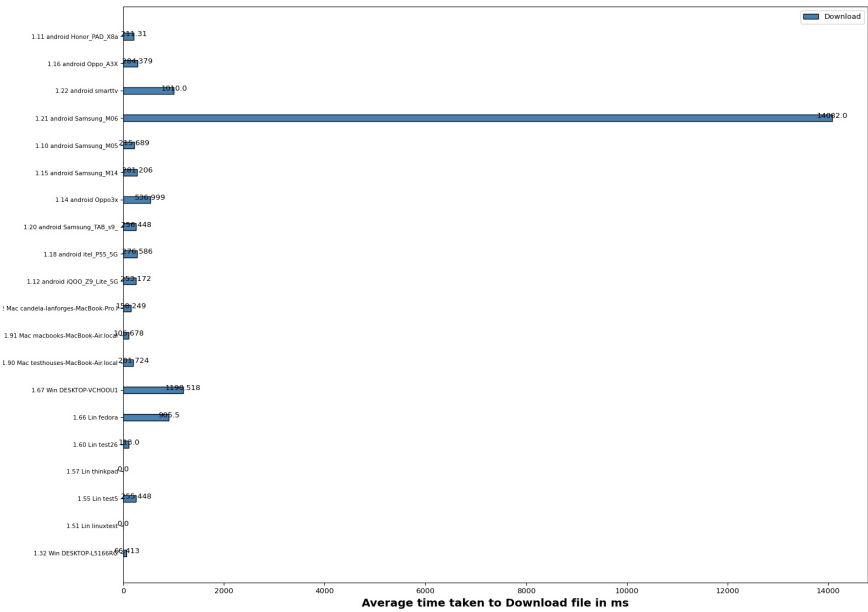
The below graph represents number of times a file downloads for each client. X- axis shows "No of times file downloads and Y-axis shows Client names.



Average time taken to download file

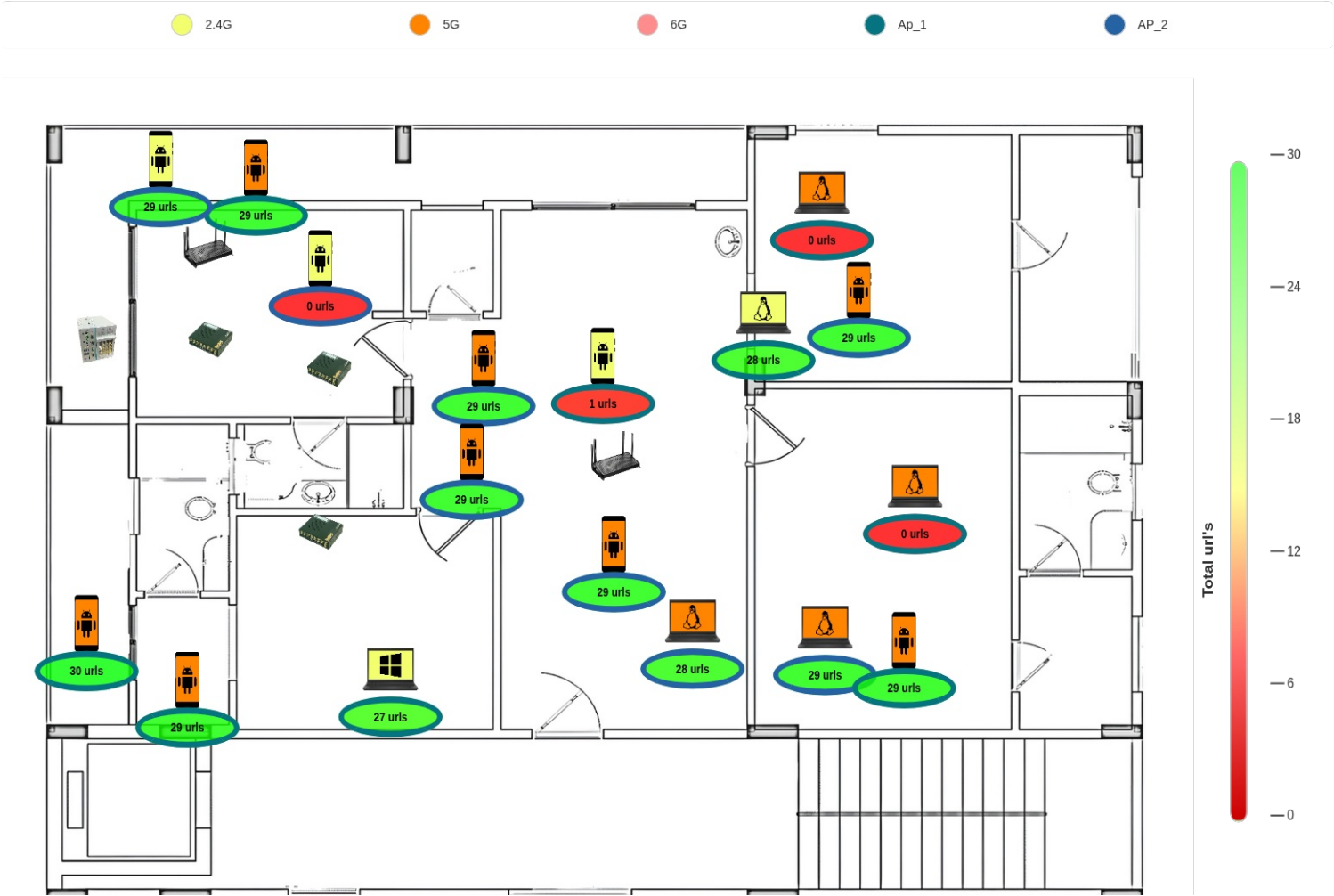
The below graph represents average time taken to download for each client . X- axis shows "Average time taken to download a file " and Y-axis shows Client names.

Average time taken to Download file



Real Time url's HTTP :

Floor Name: floor1



Download Time Table Description

This Table will provide you information of the minimum, maximum and the average time taken by clients to download a webpage in seconds

Minimum	Maximum	Average
0.0	14.1	1.0

Overall Results

Clients	MAC	Channel	SSID	Mode	No of times File downloaded	Average time taken to Download file (ms)	Bytes-rd (Mega Bytes)	Rx Rate (Mbps)	Failed url's
1.32 Win DESKTOP-L5166RG	70:15:fb:0f:e9:ac	100	Testhouse	802.11abgn-AC 80	29	66.413	145.0000	6.1790	0
1.51 Lin linuxtest	c:ba:ef:57:98:7	100	Testhouse	802.11abgn-AC 80	0	0.000	0.0000	0.0000	0
1.55 Lin test5	44:85:00:9e:0a:cd	100	Testhouse	802.11abgn-AC 80	29	255.448	145.0000	6.5399	0
1.57 Lin thinkpad	0c:54:15:55:d8:3	100	Testhouse	802.11abgn-AC 80	0	0.000	0.0000	0.0000	0
1.60 Lin test26	4:6e:e0:6e:00:e	100	Testhouse	802.11abgn-AC 80	28	113.000	140.0000	6.3690	0
1.66 Lin fedora	dc:1b:a1:ac:7b:d3	100	Testhouse	802.11abgn-AC 80	28	905.500	140.0000	6.1353	0
1.67 Win DESKTOP-VCHOOUI	f8:e4:e3:9a:98:8	100	Testhouse	802.11abgn-AC 80	27	1190.518	135.0000	6.0311	0
1.90 Mac testhouses-MacBook-Air.local	b2:ff:17:fc:8a:aa	100	Testhouse	802.11abgn-AX 80	29	201.724	145.0000	6.3451	0
1.91 Mac macbooks-MacBook-Air.local	7e:52:28:1e:d4:5c	11	Testhouse	802.11abgn 20	28	106.678	145.0000	6.3339	0
1.92 Mac candela-lanforges-MacBook-Pro.l	a4:cf:99:5b:1c:a7	11	Testhouse	802.11abg 20	28	158.249	140.0000	6.3743	0
1.12 android iQOO_Z9_Lite_5G	ee:e2:95:b0:74:43	307	Testhouse	802.11abgn-BE 20 1x1	29	253.172	145.0000	6.8771	0
1.18 android itel_P55_5G	5a:f3:d2:a5:60:59	100	Testhouse	802.11an-AC 80 2x2	30	276.586	150.0000	6.8013	0
1.20 android Samsung_TAB_s9_	d6:b1:ee:7b:4f:aa	100	Testhouse	802.11an-AC 80 2x2	29	256.448	145.0000	6.8549	0
1.14 android Oppo3x	fe:95:48:cb:a8:80	100	Testhouse	802.11an-AC 80 2x2	29	536.999	145.0000	6.8278	0
1.15 android Samsung_M14	2a:ec:5c:bf:0b:c6	100	Testhouse	802.11an-AX 160 2x2	29	281.206	145.0000	6.8827	0
1.10 android Samsung_M05	22:61:45:ff:1d:d3	11	Testhouse	802.11bgn 20 2x2	29	215.689	145.0000	6.9400	0
1.21 android Samsung_M06	42:cb:81:0c:05:15	11	Testhouse	802.11abgn-AX 20 1x1	1	14082.000	8.3132	1.1842	0
1.22 android smarttv	38:c8:04:58:cc:23	-1	Testhouse	802.11abgn-AX 20 2x2	29	1010.000	145.0000	6.8621	0
1.16 android Oppo_A3X	2e:68:2d:99:ac:d0	-1	Testhouse	802.11abgn-AX 20 2x2	29	284.379	145.0000	6.8081	0
1.11 android Honor_PAD_X8a	de:f8:f7:eb:ad:44	100	Testhouse	802.11abgn-AX 80 2x2	29	211.310	145.0000	6.8373	0

