FTP Test

2025-09-03-15:59:49

Test Setup Information

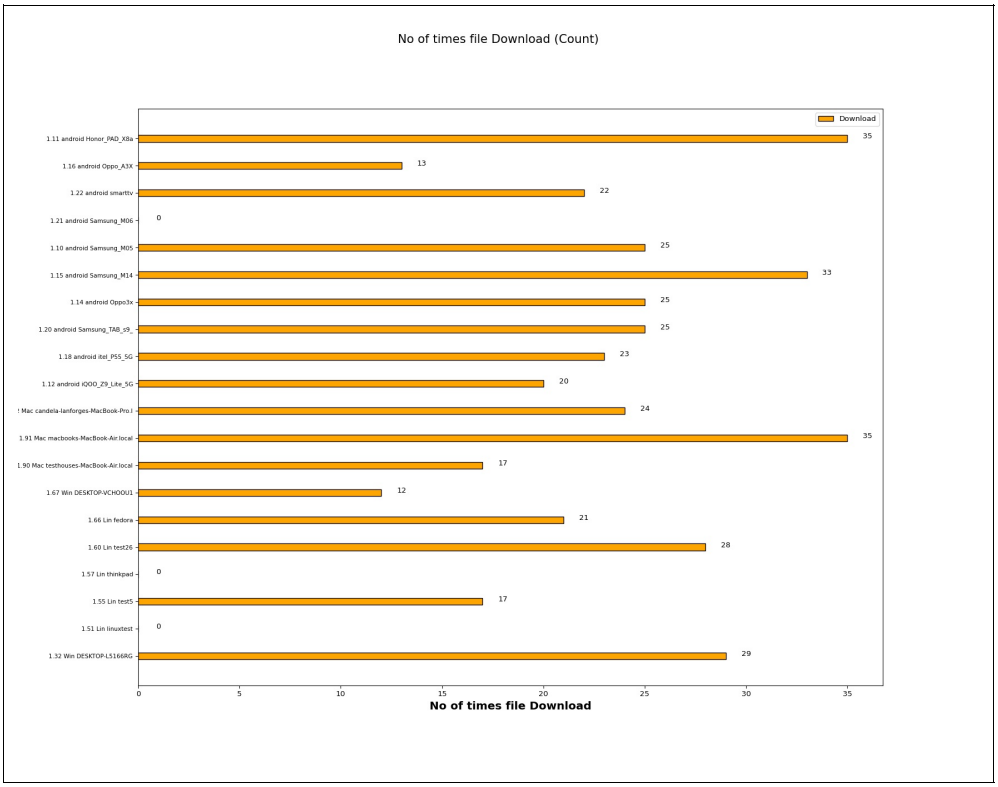
Test Setup Information	AP Name	None
	SSID	SSID
	Security	wpa2
	Device List	DESKTOP-L5166RG(Windows), linuxtest(Linux), test5(Linux), thinkpad(Linux), test26(Linux), fedora(Linux), DESKTOP-VCHOOU1(Windows), testhouses-MacBook-Air.local(Mac), macbooks-MacBook-Air.local(Mac), candela-lanforges-MacBook-Pro.l(Mac), 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)
	No of Devices	Total(20) Android(10) Windows(2) Linux(5) Mac(3)
	File size	5MB
	File location	/home/lanforge
	Traffic Direction	Download
	Traffic Duration	1.0m

Objective

This FTP Test is used to Verify that N clients connected on Specified band and can simultaneously download some amount of file from FTP server and measuring the time taken by client to Download the file.

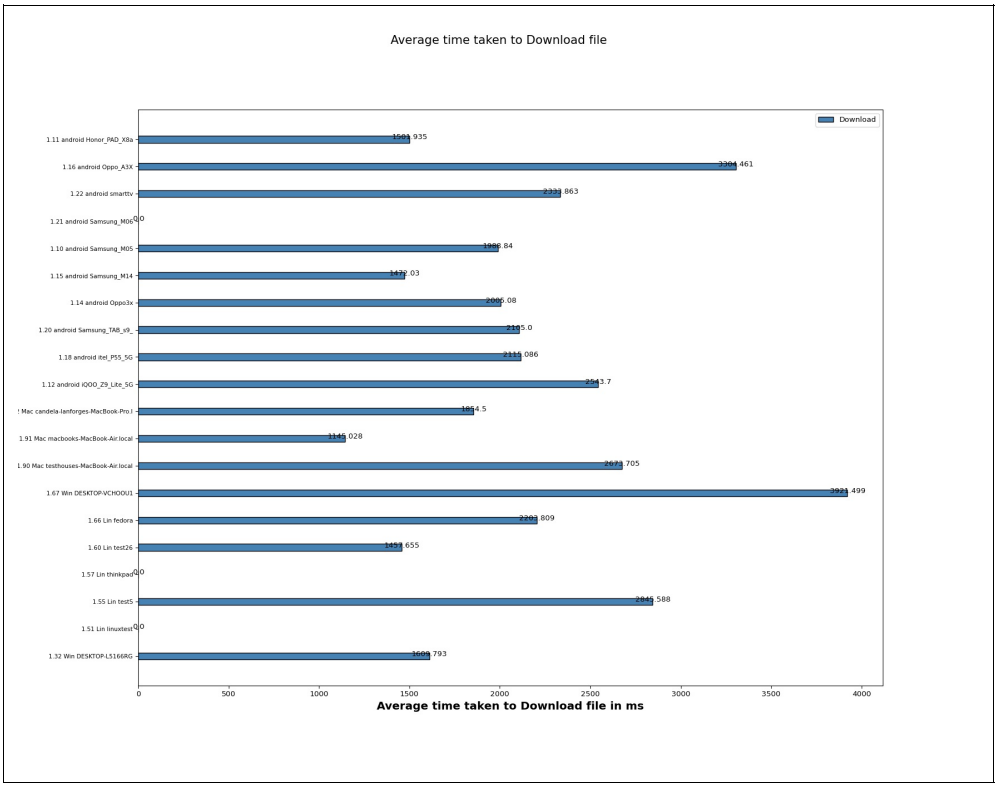
No of times file Download

The below graph represents number of times a file Download for each client(WiFi) traffic. X- axis shows "No of times file Download" and Y-axis shows Client names.



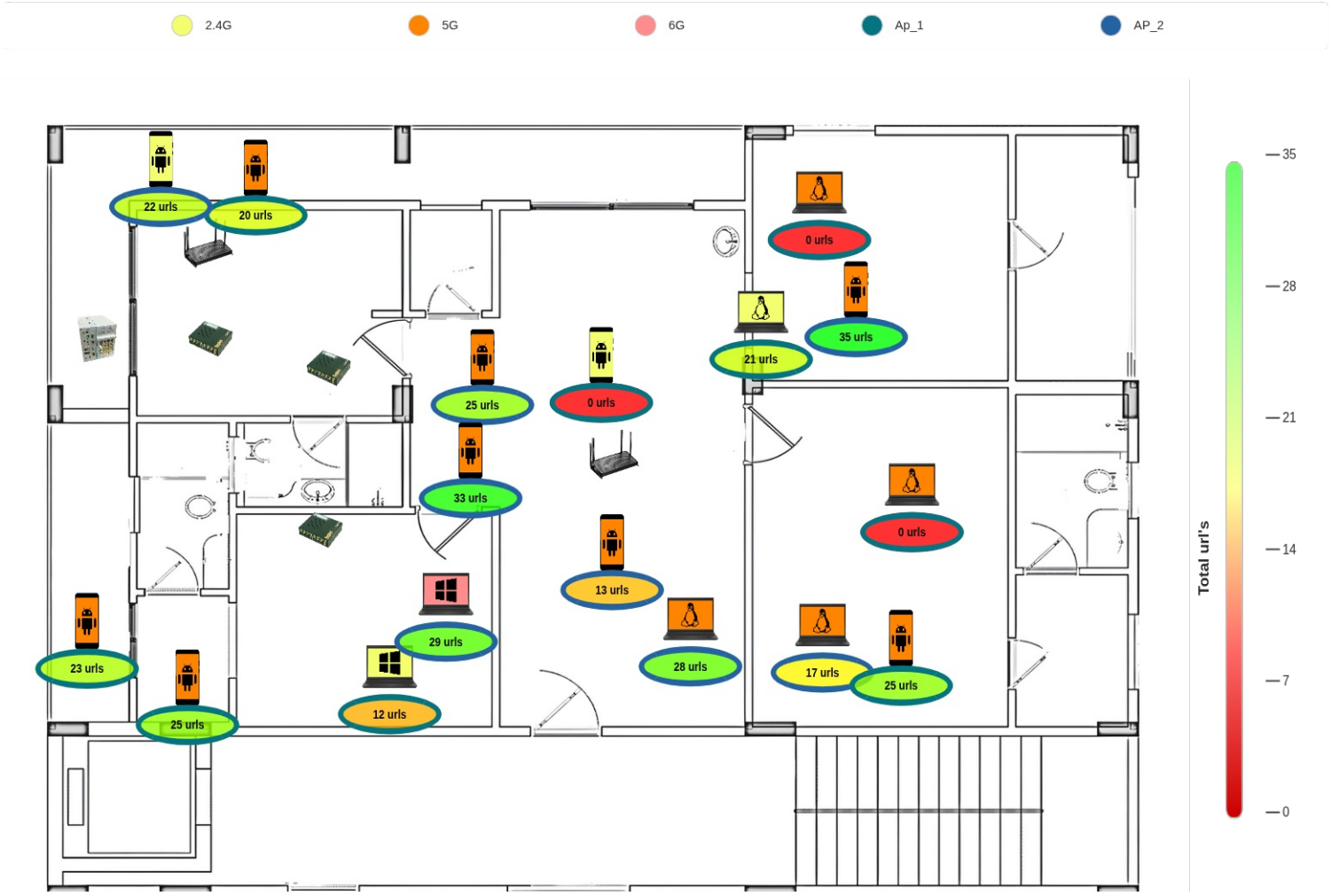
Average time taken to Download file

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


Average time taken to Download file
Download
1.11 android Honor_PAD_X8a
1.16 android Oppo_A3X
1.22 android smarttv
1.21 android Samsung_M05
1.10 android Samsung_M05
1.15 android Samsung_M14
1.14 android Oppo3x
1.20 android Samsung_TAB_s9_
1.18 android itel_P55_5G
1.12 android iQOO_Z9_Lite_5G
! Mac candela-lanforges-MacBook-Pro.l
1.91 Mac macbooks-MacBook-Air.local
1.90 Mac testhouses-MacBook-Air.local
1.67 Win DESKTOP-VCHOOU1
1.66 Lin fedora
1.60 Lin test26
1.57 Lin thinkpad
1.55 Lin test5
1.51 Lin linuxtest
1.32 Win DESKTOP-L5166RG
1504.935
3304.461
2333.863
0.0
1986.84
1437.03
2006.08
2115.0
2115.086
2543.7
1854.5
1145.028
2671.705
3921.499
2203.809
1451.655
0.0
2845.588
0.0
1609.793
0
500
1000
1500
2000
2500
3000
3500
4000
Average time taken to Download file in ms

Real Time url's FTP:

Floor Name: floor1



File Download Time (sec)

The below table will provide information of minimum, maximum and the average time taken by clients to download a file in seconds

Minimum	Maximum	Average
0.0	6.3	1.9

Overall Results

Clients	MAC	Channel	SSID	Mode	No of times File downloaded	Time Taken to Download file (ms)	Bytes-rd (Mega Bytes)	RX RATE (Mbps)	Failed Urls
1.32 Win DESKTOP-L5166RG	70:15:fb:0f:e9:ac	100	Testhouse	802.11abgn-AC 80	29	1609.793	145.0000	17.2251	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	17	2845.588	85.2222	13.2853	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	1457.655	140.1028	19.3219	1
1.66 Lin fedora	dc:1b:a1:ac:7b:d3	100	Testhouse	802.11abgn-AC 80	21	2203.809	105.0000	17.4970	0
1.67 Win DESKTOP-VCHOOU1	f8:e4:e3:9a:98:8	100	Testhouse	802.11abgn-AC 80	12	3921.499	64.5016	10.4401	0
1.90 Mac testhouses-MacBook-Air.local	b2:ff:17:fc:8a:aa	100	Testhouse	802.11abgn-AX 80	17	2673.705	87.7953	11.9879	0
1.91 Mac macbooks-MacBook-Air.local	7e:52:28:1e:d4:5c	11	Testhouse	802.11abgn 20	35	1145.028	195.0000	25.3083	0
1.92 Mac candela-lanforges-MacBook-Pro.l	a4:cf:99:5b:1c:a7	11	Testhouse	802.11abg 20	24	1854.500	121.3616	15.8568	0
1.12 android iQOO_Z9_Lite_5G	ee:e2:95:b0:74:43	307	Testhouse	802.11abgn-BE 20 1x1	20	2543.700	104.9853	17.6370	0
1.18 android itel_P55_5G	5a:f3:d2:a5:60:59	100	Testhouse	802.11an-AC 80 2x2	23	2115.086	117.0931	20.0767	0
1.20 android Samsung_TAB_s9_	d6:b1:ee:7b:4f:aa	100	Testhouse	802.11an-AC 80 2x2	25	2105.000	129.8834	21.1651	0
1.14 android Oppo3x	fe:95:48:cb:a8:80	100	Testhouse	802.11an-AC 80 2x2	25	2005.080	120.0080	17.0738	0
1.15 android Samsung_M14	2a:ec:5c:bf:0b:c6	100	Testhouse	802.11an-AX 160 2x2	33	1472.030	185.0080	24.1768	0
1.10 android Samsung_M05	22:61:45:ff:1d:d3	11	Testhouse	802.11bgn 20 2x2	25	1988.840	125.0862	20.8567	0
1.21 android Samsung_M06	42:cb:81:0c:05:15	11	Testhouse	802.11abgn-AX 20 1x1	0	0.000	0.0000	0.0000	0
1.22 android smarttv	38:c8:04:58:cc:23	-1	Testhouse	802.11abgn-AX 20 1x1	22	2333.863	106.6131	13.0190	0
1.16 android Oppo_A3X	2e:68:2d:99:ac:d0	-1	Testhouse	802.11abgn-AX 20 1x1	13	3304.461	61.6942	11.1666	0
1.11 android Honor_PAD_X8a	de:f8:f7:eb:ad:44	100	Testhouse	802.11abgn-AX 80 1x1	35	1501.935	175.2694	24.8201	0