FTP Test

2026-02-20-01:48:54

Test Setup Information
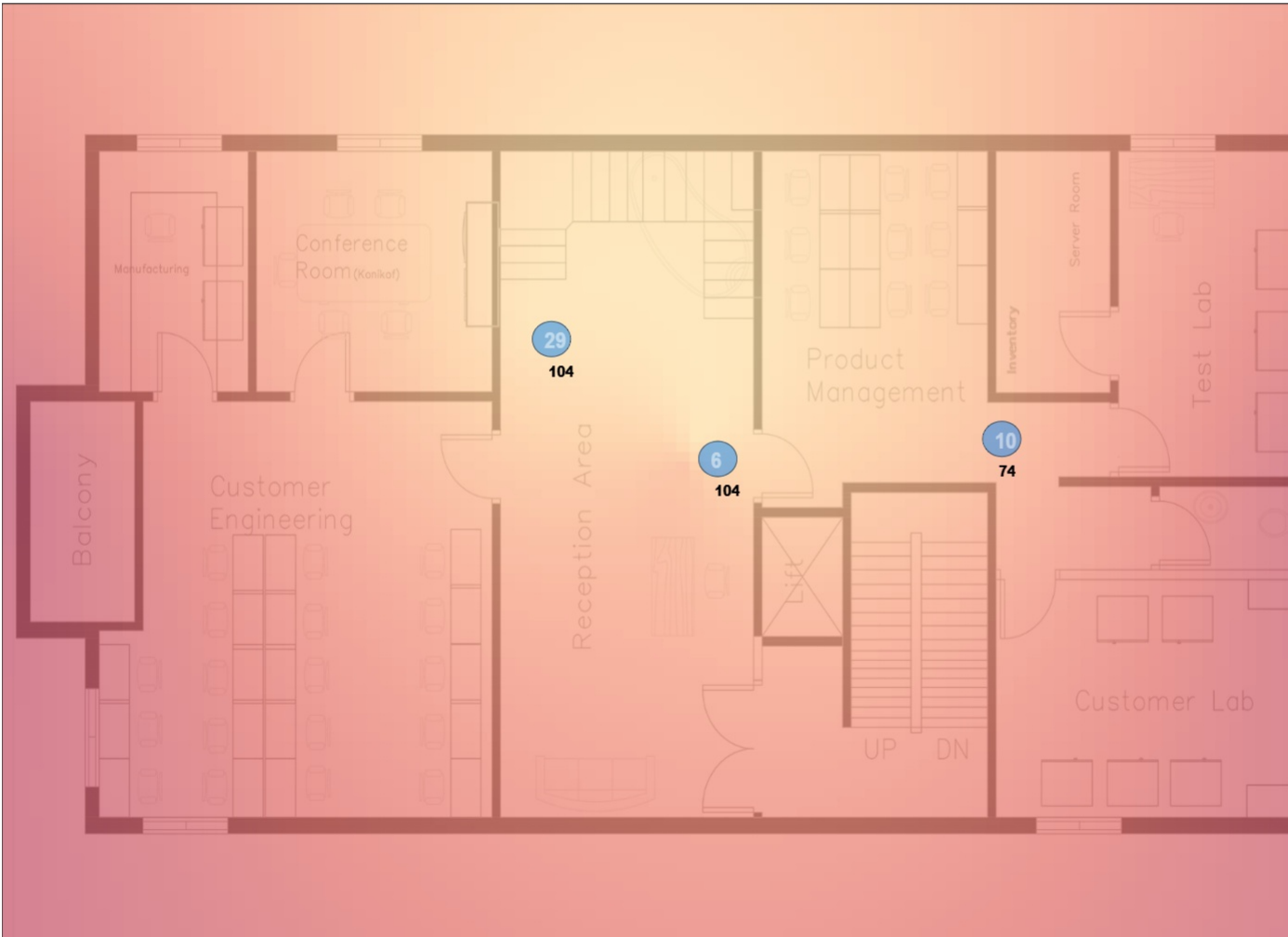
Test Setup Information	AP Name	None
	SSID	SSID
	Security	wpa2
	Device List	ONEPLUS_11R(Android), Red_Magic(Android)
	No of Devices	Total(2) Android(2)
	Failed CXs	NONE
	File size	5MB
	File location	/home/lanforge
	Traffic Direction	Download
	Traffic Duration	1.0m
	Robot IP	192.168.204.66
	Coordinates	10,6,29

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.
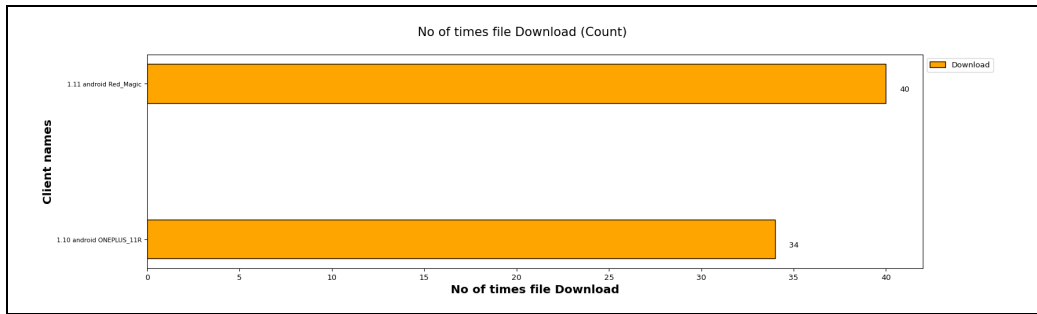
Real Time url's FTP:
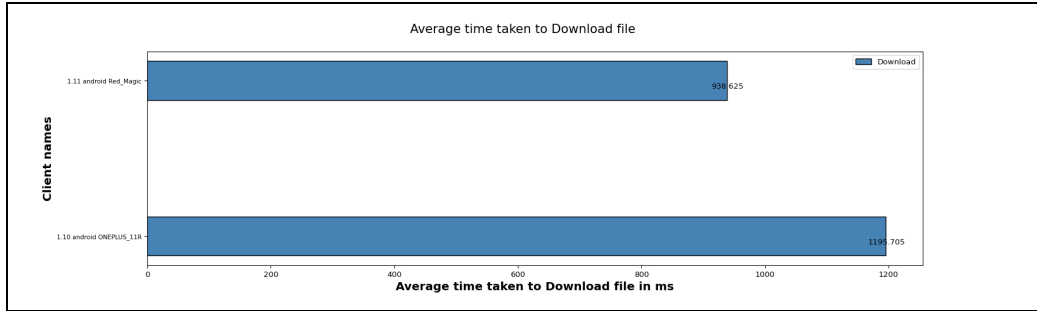
Floor Name: 4th_Floor

Coordinate: 10

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.

No of times file Download (Count)

- 1.11 android Red_Magic — 40
- 1.10 android ONEPLUS_11R — 34

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' and Y-axis shows Client names.

Average time taken to Download file

- 1.11 android Red_Magic — 938.625
- 1.10 android ONEPLUS_11R — 1195.705

File Download Time (sec)

The below table provides minimum, maximum and average time taken by clients to download a file (seconds)

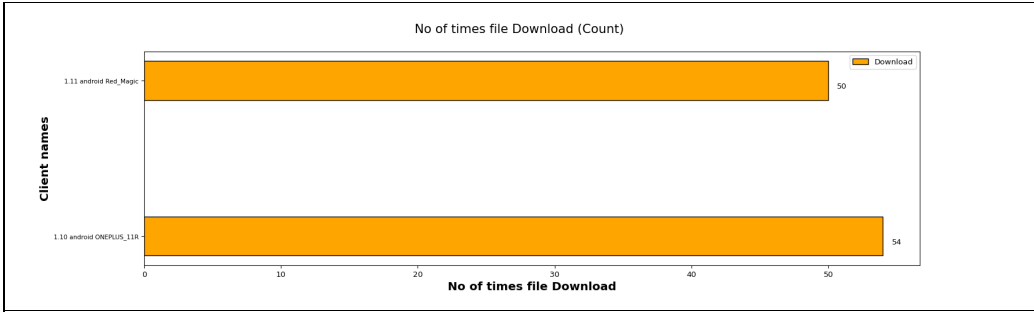| Minimum	Maximum	Average
0.2	11.8	1.1

Overall Results

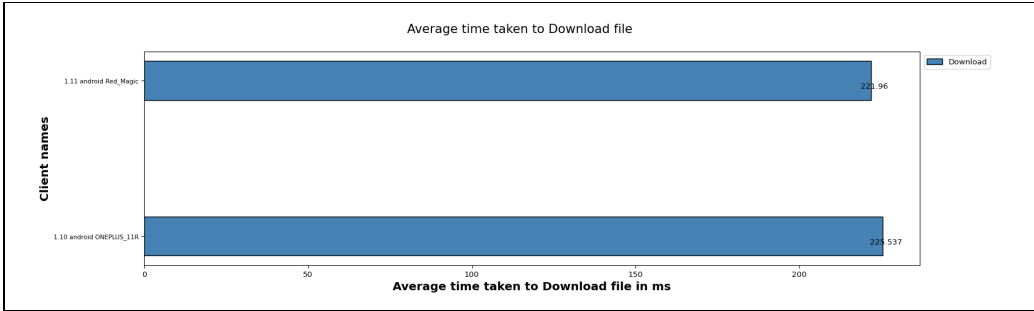| Clients	MAC	Channel	SSID	Mode	No of times File downloaded	Time Taken to Download file (ms)	Bytes-rd (Mega Bytes)	RX RATE (Mbps)	Failed Urls
1.10 android ONEPLUS_11R	30:bb:7d:c7:f2:f9	56	Roaming	802.11abgn-BE 20	34	1195.705	170.0014	23.9389	0
1.11 android Red_Magic	dc:f0:90:ed:e0:53	56	Roaming	802.11abgn-BE 20	40	938.625	160.0000	28.4773	0

Coordinate: 6

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' and Y-axis shows Client names.

File Download Time (sec)

The below table provides minimum, maximum and average time taken by clients to download a file (seconds)
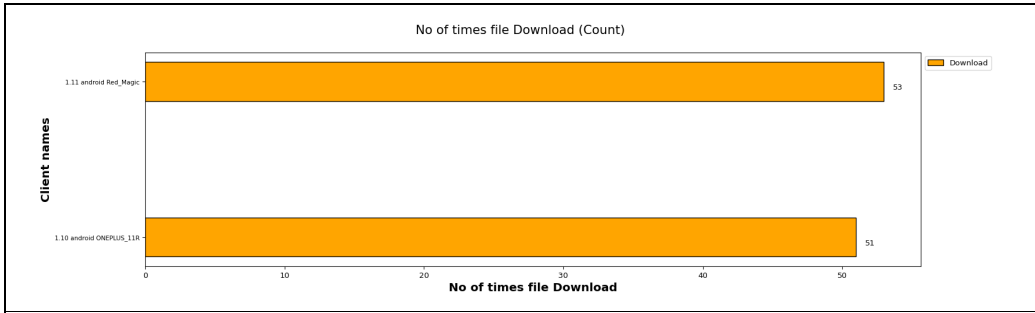
Minimum	Maximum	Average
0.2	0.3	0.2

Overall Results

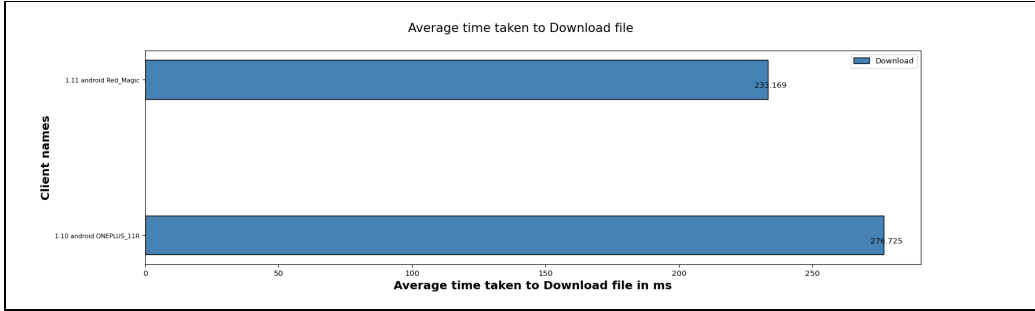| Clients	MAC	Channel	SSID	Mode	No of times File downloaded	Time Taken to Download file (ms)	Bytes-rd (Mega Bytes)	RX RATE (Mbps)	Failed Urls
1.10 android ONEPLUS_11R	30:bb:7d:c7:f2:f9	56	Roaming	802.11abgn-BE 20	54	225.537	270.0000	34.0235	0
1.11 android Red_Magic	dc:f0:90:ed:e0:53	56	Roaming	802.11abgn-BE 20	50	221.960	253.6395	35.2341	0

Coordinate: 29

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.

No of times file Download (Count)

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' and Y-axis shows Client names.

Average time taken to Download file

File Download Time (sec)

The below table provides minimum, maximum and average time taken by clients to download a file (seconds)

Minimum	Maximum	Average
0.2	0.5	0.3

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
1.10 android ONEPLUS_11R	30:bb:7d:c7:f2:f9	56	Roaming	802.11abgn-BE 20	51	276.725	300.0080	39.6511	0
1.11 android Red_Magic	dc:f0:90:ed:e0:53	56	Roaming	802.11abgn-BE 20	53	233.169	300.6635	40.1840	0

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