Mixed Traffic Test (Serial)

2026-02-24-13-14-29

Test Setup Information

Overall Setup Info For all Tests	DUT Model	Test_DUT
	DUT Firmware	NA
	SSID	Test Configured
	Security	Test Configured
	No of Devices	2 (Virtual Clients: 0, Windows: 0, Linux: 0, Mac: 0, Android: 2 ,iOS: 0)
	Test Duration (HH:MM:SS)	00:13:00

Objective

The Candela mixed traffic test is designed to measure the access point performance andstability by running multiple traffic on real clients like Android, Linux, Windows, and IOSconnected to the access point. This test allows the user to choose multiple types of traffic likeclient capacity test, web browser test, video streaming test ping test. Along with theperformance measurements are client connection times, Station 4-Way Handshake time, DHCPtimes, and more. The expected behavior is for the AP to be able to handle all types of traffic onthe several stations (within the limitations of the AP specs) and Make sure all clients can run alltypes of traffic.

Traffic Details

Sno	Test Cases	Test Duration	Test Status
1	Ping Test		
2	Quality Of Service(QOS) Test ['VO']		
3	FTP Test	1.0 minute	Executed
4	HTTP Test		
5	Multicast Test		

3. File Transfer Protocol (FTP) Test
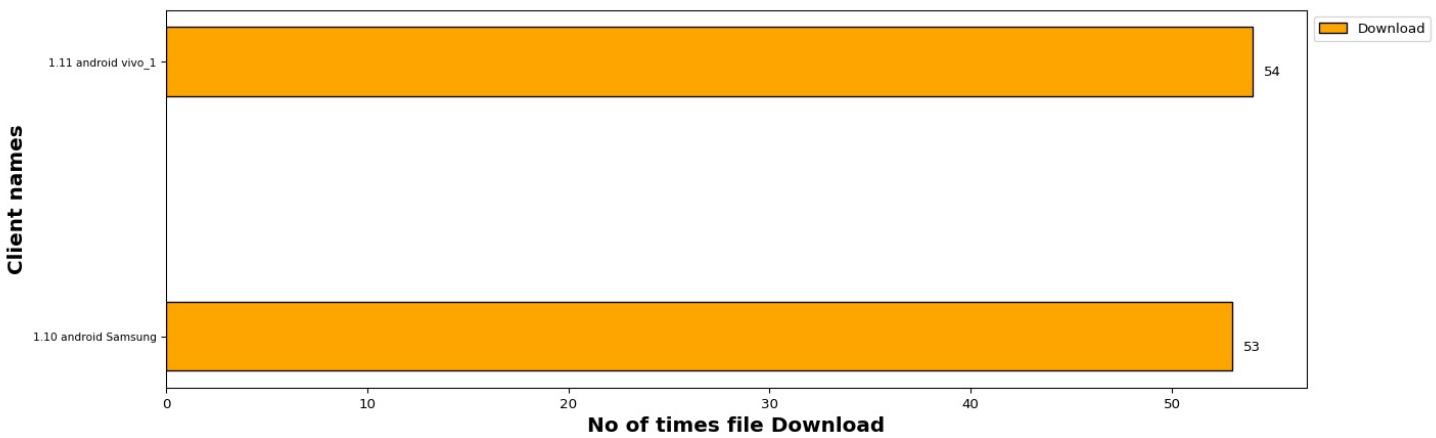
Test Configuration

|		
Test Setup Information	Traffic Direction	Download
	File Size	2MB
	File Location	/home/lanforge

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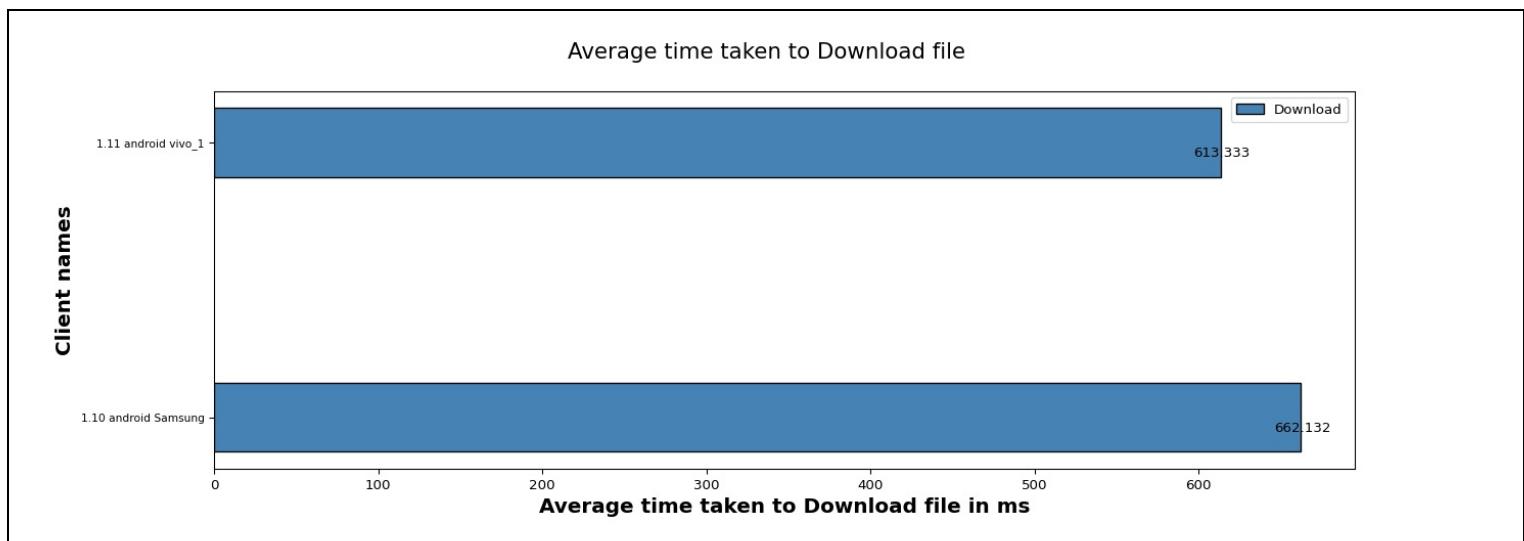
The below graph represents number of times a file Download for each client (WiFi) traffic. X-axis shows "No of times file Download" and Y-axis shows "Client names".

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 a file " and Y-axis shows "Client names".

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)
1.10 android Samsung	a6:c8:b2:dd:7d:0b	11	NETGEAR_2G_Open	802.11abgn 20	53	662.132	106.0000	16.0969
1.11 android vivo_1	be:5d:07:76:c8:81	11	NETGEAR_2G_wpa2	802.11abgn 20	54	613.333	109.7289	16.0479

Overall Info	contact	support@candelatech.com

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