

Zoom Call Automated Report

2024-08-26-14-32-40



Objective:

The objective is to conduct automated Zoom call tests across multiple laptops to gather statistics on sent audio, video, and received audio, video performance. The test will collect these statistics and store them in a CSV file. Additionally, automated graphs will be generated using the collected data.

Test Parameters:

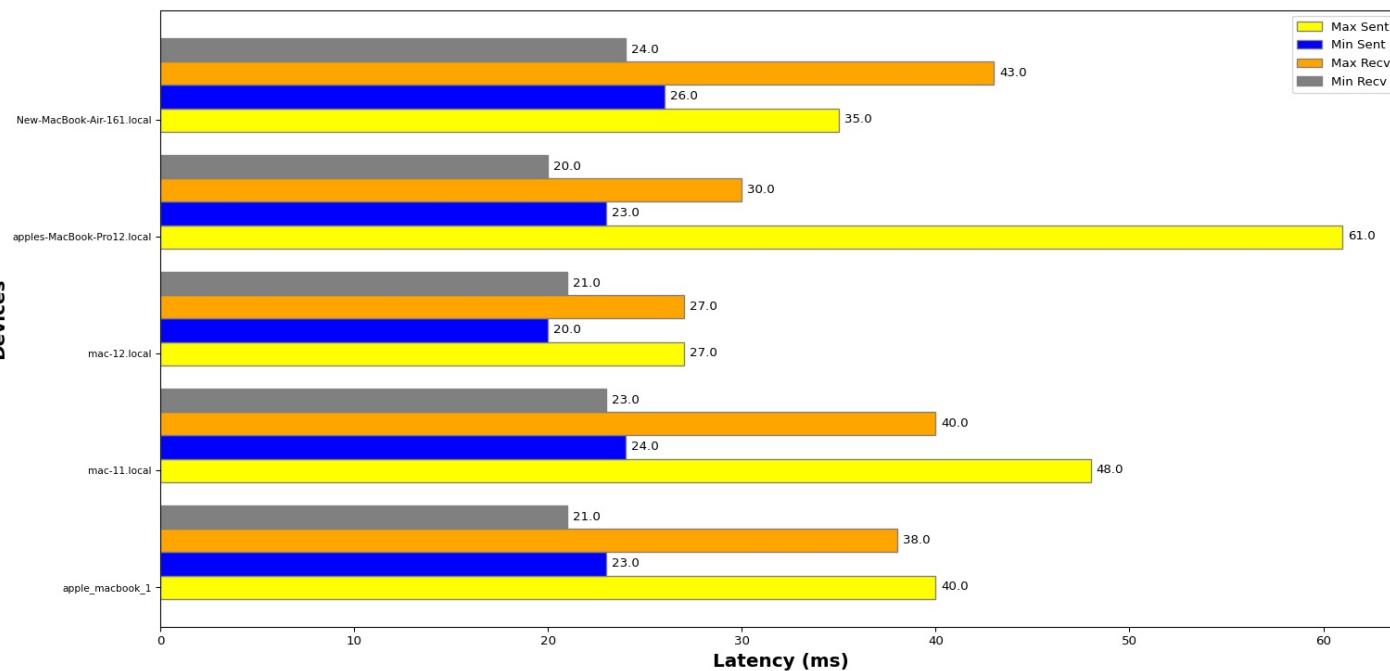
AP Name	SSID	Band	Security	No of Clients	Test Duration(min)
AP Name	SSID	5G	wpa2	W(0),L(0),M(5)	3

Test Devices:

Device Name	OS Type	IP Address
apple_macbook_1	mac	192.168.243.83
mac-11.local	mac	192.168.241.107
mac-12.local	mac	192.168.240.142
apples-MacBook-Pro12.local	mac	192.168.242.134
New-MacBook-Air-161.local	mac	192.168.242.171

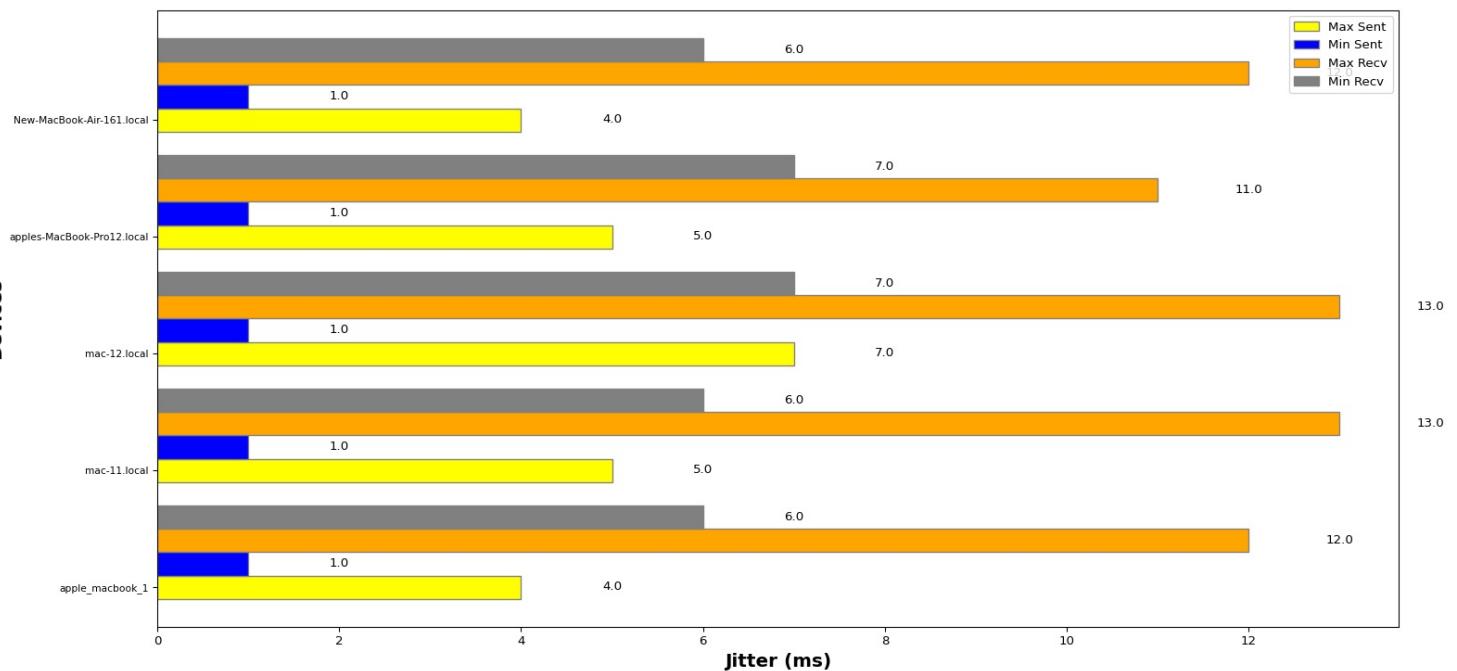
Audio Latency (Sent/Received)

Audio Latency(sent/received)

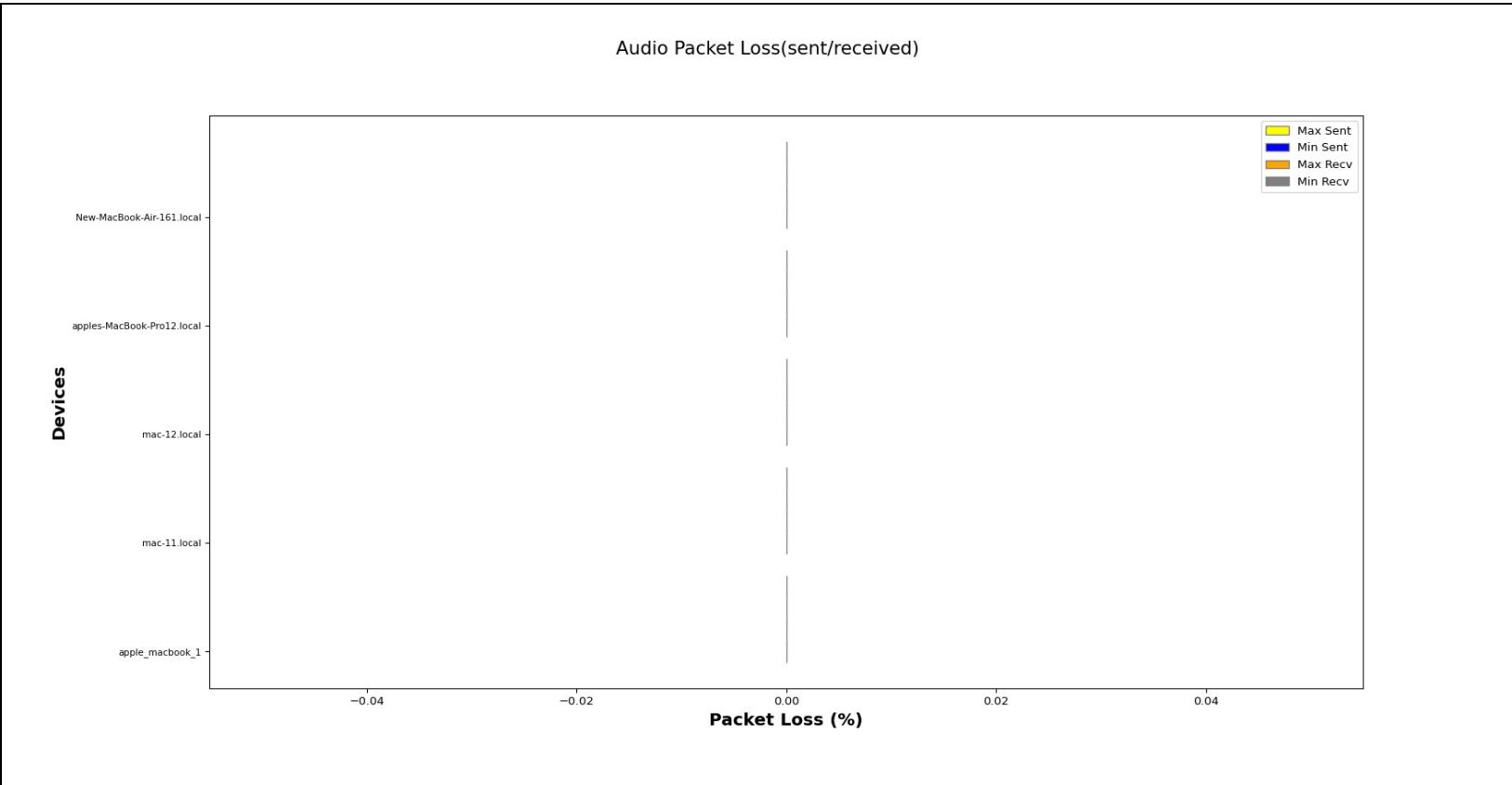


Audio Jitter (Sent/Received)

Audio Jitter(sent/received)



Audio Packet Loss (Sent/Received)

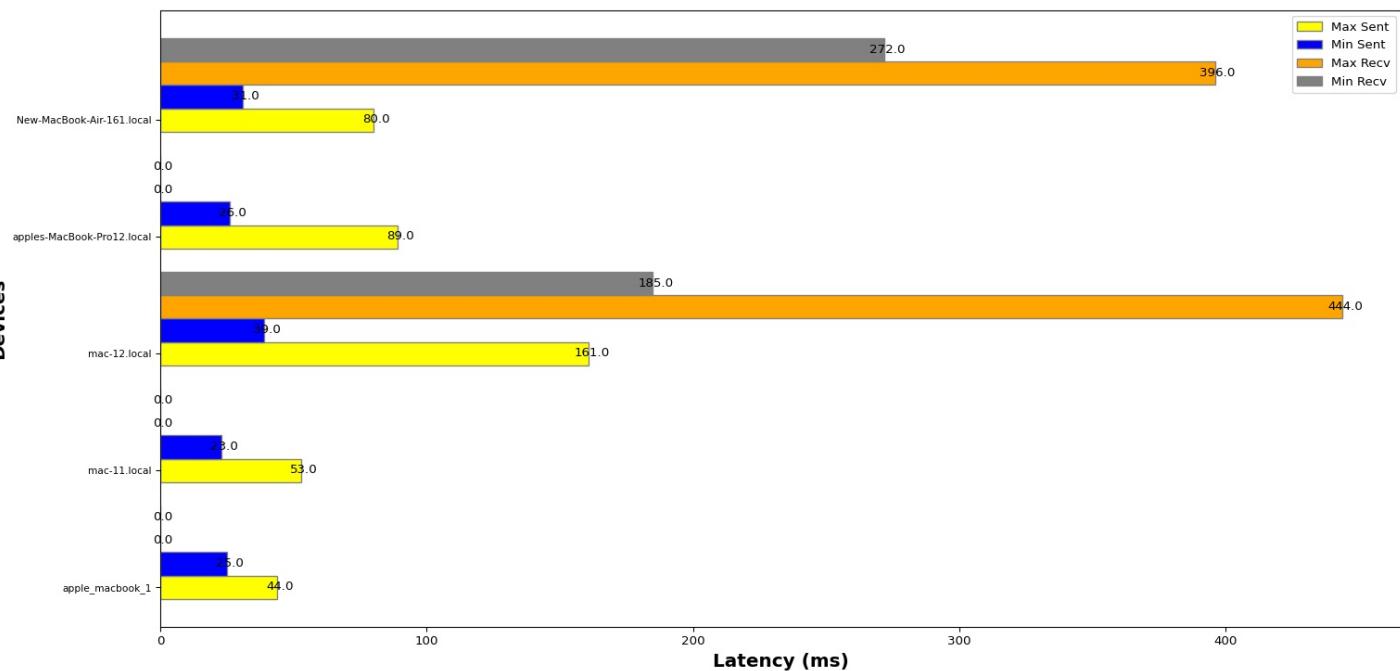


Test Audio Results Table:

Device Name	Avg Latency Sent (ms)	Avg Latency Recv (ms)	Avg Jitter Sent (ms)	Avg Jitter Recv (ms)	Avg Pkt Loss Sent	Avg Pkt Loss Recv	CSV link
apple_macbook_1	26.81	24.43	2.38	8.90	0.0	0.0	csv data
mac-11.local	27.85	27.55	2.30	9.50	0.0	0.0	csv data
mac-12.local	21.56	21.81	1.50	9.62	0.0	0.0	csv data
apples-MacBook-Pro12.local	31.81	23.56	2.38	8.88	0.0	0.0	csv data
New-MacBook-Air-161.local	28.37	25.95	2.26	8.74	0.0	0.0	csv data

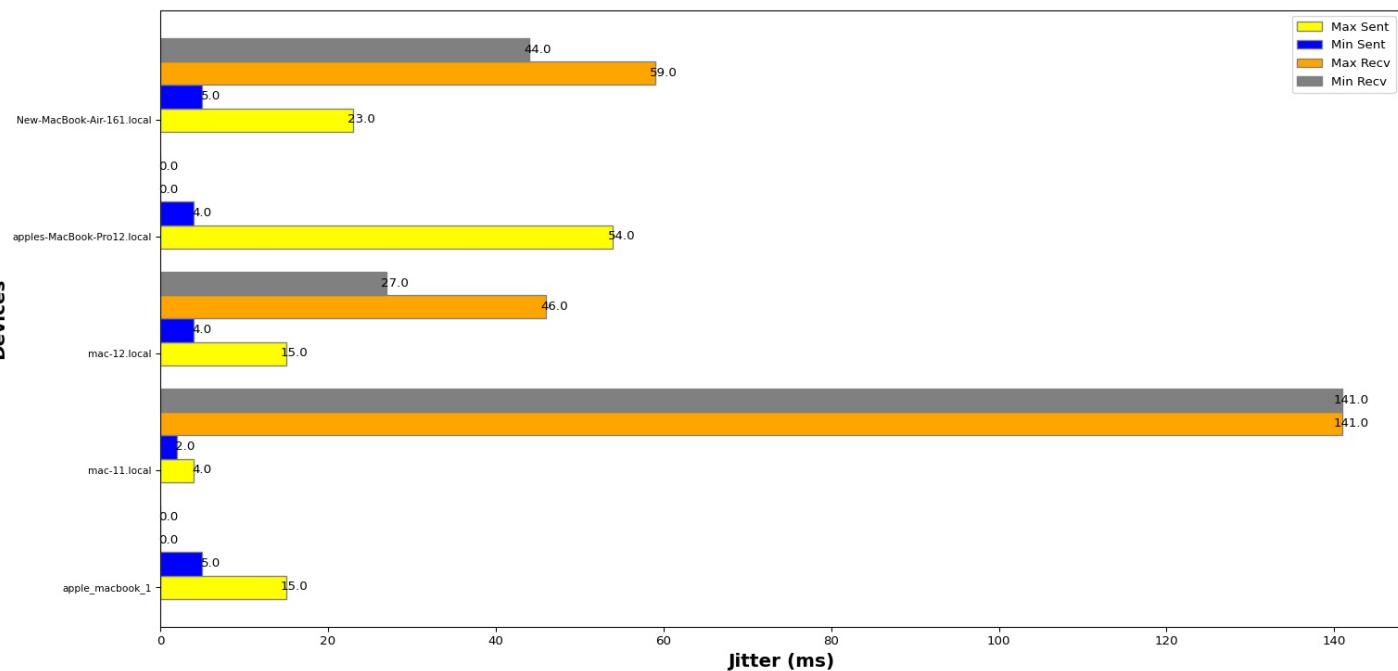
Video Latency (Sent/Received)

Video Latency(sent/received)

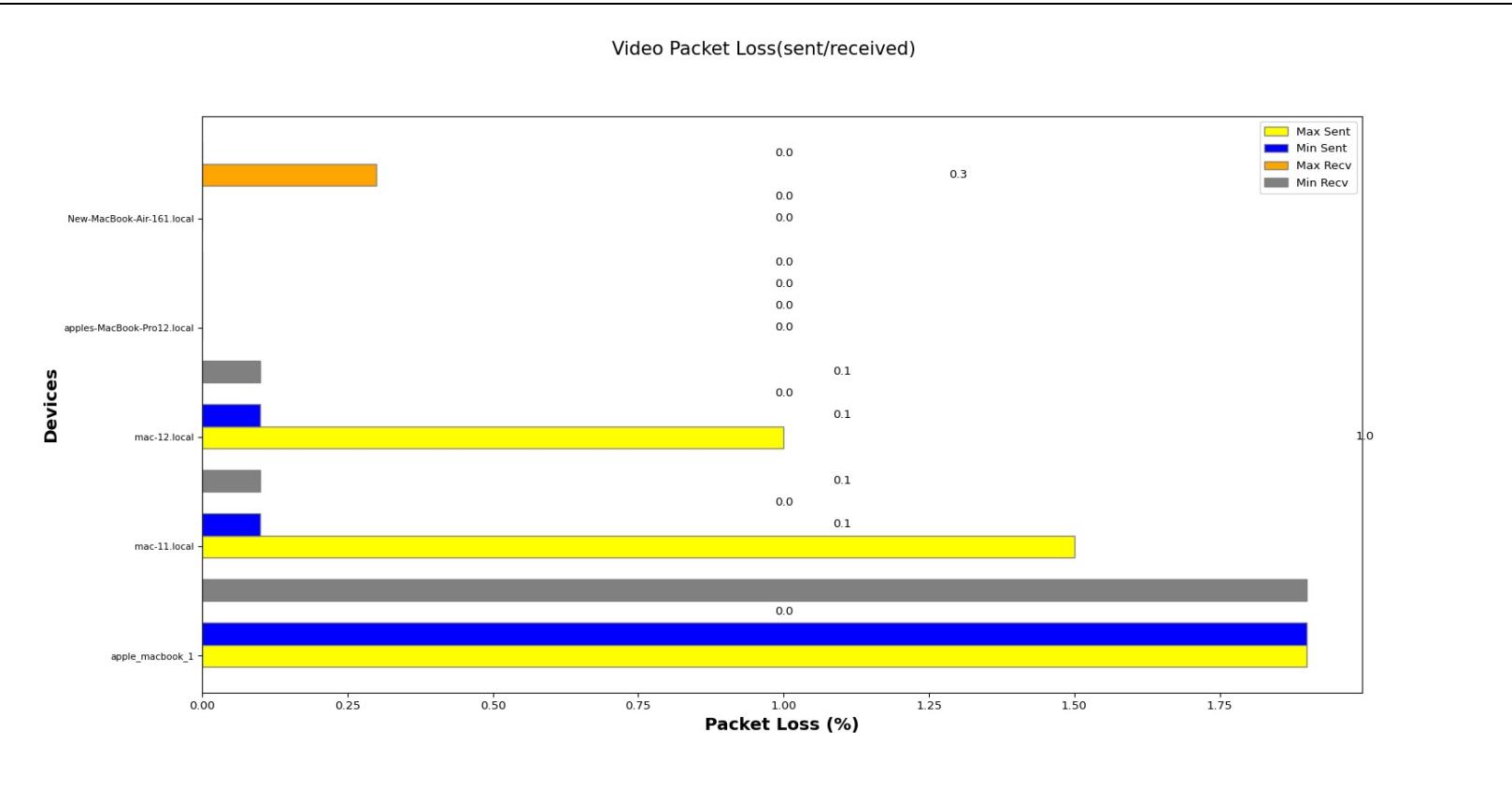


Video Jitter (Sent/Received)

Video Jitter(sent/received)



Video Packet Loss (Sent/Received)



Test Video Results Table:

Device Name	Avg Latency Sent (ms)	Avg Latency Recv (ms)	Avg Jitter Sent (ms)	Avg Jitter Recv (ms)	Avg Pkt Loss Sent	Avg Pkt Loss Recv	CSV link
apple_macbook_1	32.62	0.00	8.00	0.00	0.09	0.00	csv data
mac-11.local	30.65	0.00	2.75	7.05	0.08	0.00	csv data
mac-12.local	68.56	193.50	5.62	30.19	0.09	0.00	csv data
apples-MacBook-Pro12.local	37.69	0.00	10.38	0.00	0.00	0.00	csv data
New-MacBook-Air-161.local	41.16	100.74	8.79	40.00	0.00	0.02	csv data