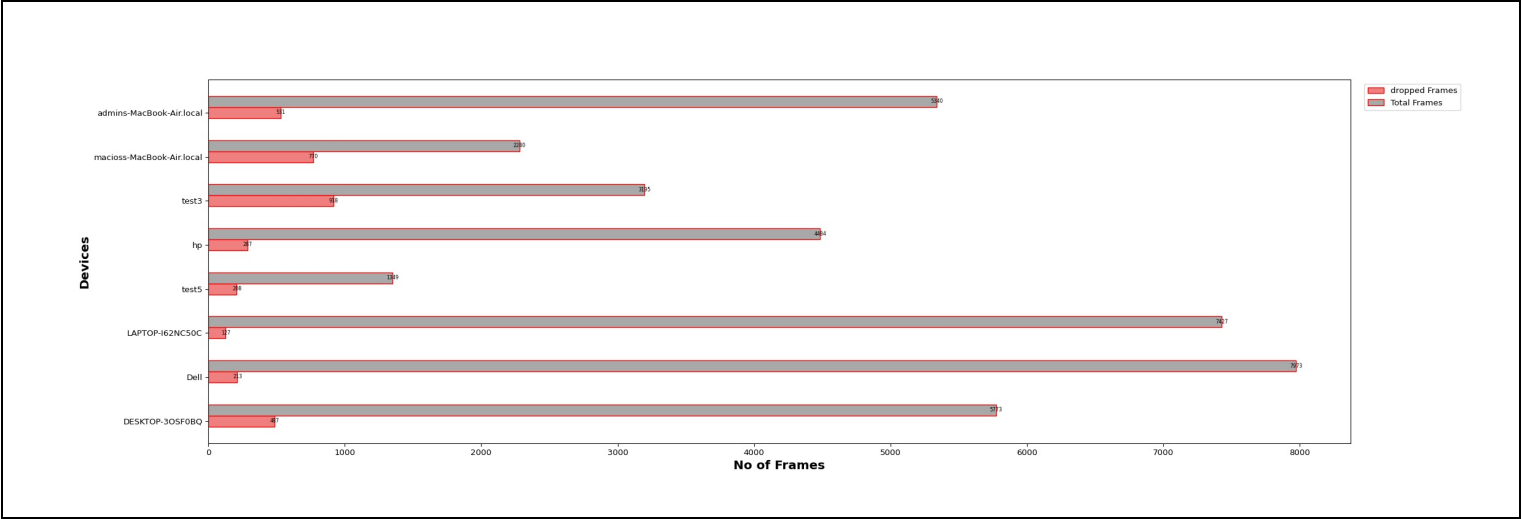# Youtube Streaming Report

2024-12-27-06-21-31

Objective

The Objective is to conduct automated Youtube Video Streaming test across multiple laptops to gather statistics. The test will collect these statistics. Additionally,automated graphs will be generated using the collected data.

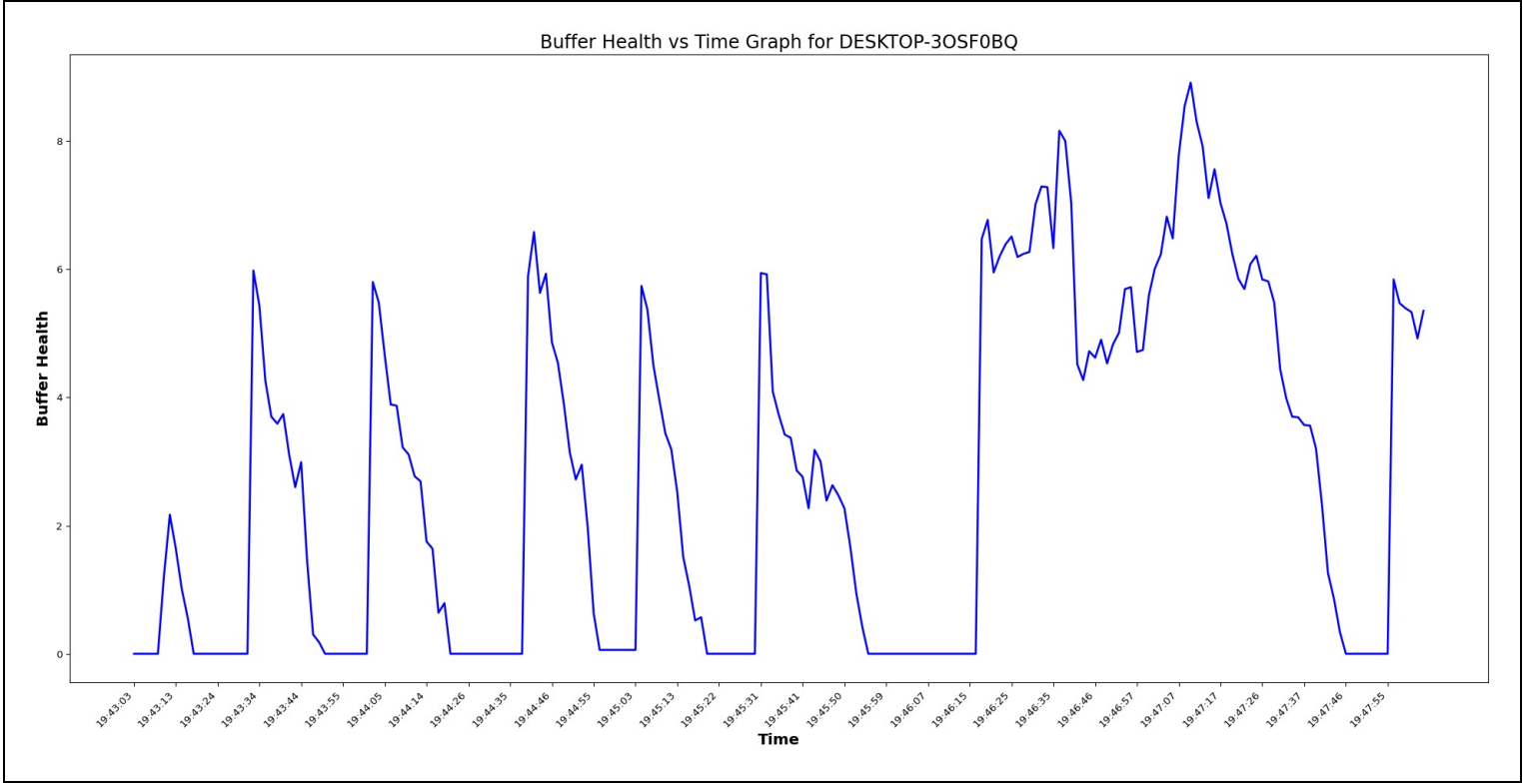| Test Parameters	Test Name	YouTube Streaming Test
	Duration (in Minutes)	5
	Resolution	2160p
	No of Devices :	Total(8) : W(3),L(3),M(2)
	Video URL	https://youtu.be/7bOptq-NPJQ?si=IsfUZhTxb5Pgr9y

Total Frames vs Frames dropped

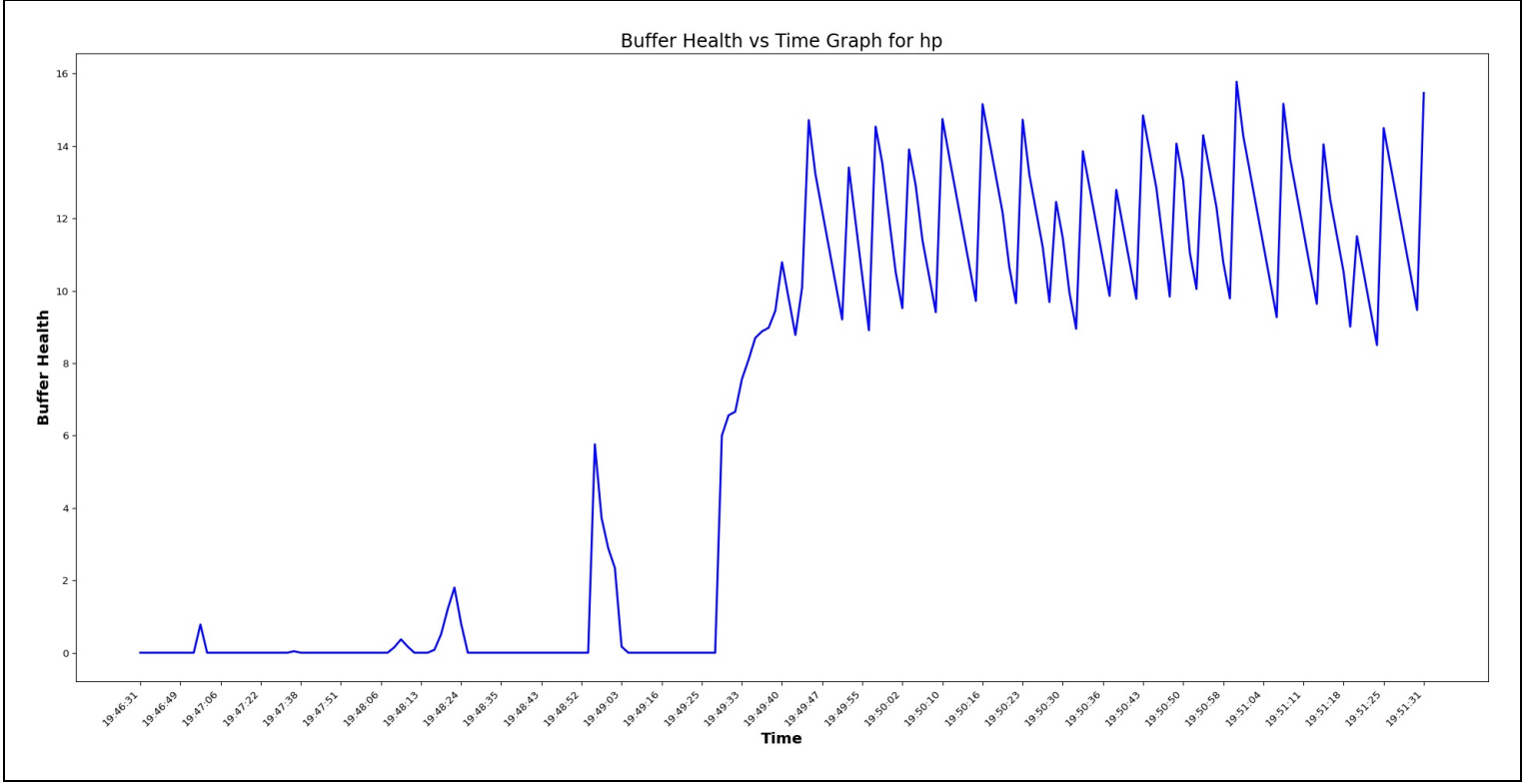

Test Results

Hostname	OS Type	MAC	RSSI	Link Rate	ViewPort	SSID	Video Resolution	Max Buffer Health (Seconds)	Min Buffer health (Seconds)	Total Frames	Dropped Frames
DESKTOP-3OSF0BQ	windows	0c:54:15:cb:95:5d	-73 dBm	150 Mbps	1179x663	Interop_wpa2	3840x2160@30	8.91	0.0	5773	487
Dell	windows	40:1c:83:3c:81:15	-69 dBm	9 Mbps	1093x615	Interop_wpa2	3840x2160@30	15.48	0.0	7973	213
LAPTOP-I62NC50C	windows	c8:94:02:22:77:03	-70 dBm	325 Mbps	1188x668	Interop_wpa2	3840x2160@30	15.20	0.0	7427	127
test5	linux	44:85:00:1f:ca:cd	-66 dBm	45 Mbps	1861x1047	Interop_wpa2	3840x2160@30	0.25	0.0	1349	208
hp	linux	b4:b5:b6:f7:be:d9	-64 dBm	39 Mbps	1861x1047	Interop_wpa2	3840x2160@30	15.78	0.0	4484	287
test3	linux	5c:5f:67:bd:08:86	-79 dBm	65 Mbps	1957x1101	Interop_wpa2	3840x2160@30	8.83	0.0	3195	918
macioss-MacBook-Air.local	macos	30:35:ad:c5:e1:be	-66 dBm	53.95 Mbps	1413x795	Interop_wpa2	3840x2160@30	6.45	0.0	2280	770
admins-MacBook-Air.local	macos	8c:4c:4c:a5:4c:32	-75 dBm	33.049 Mbps	1170x658	Interop_wpa2	3840x2160@30	8.84	0.0	5340	531

| MacBook-Air.local | macOs | 8e.4c.4c.d5.4c.52 | dBm | Mbps | 1170x658 | | 3840x2160@30 | 8.74 | | 0.0 | | 5540 | 551 |

Buffer Health vs Time Graph for DESKTOP-3OSF0BQ
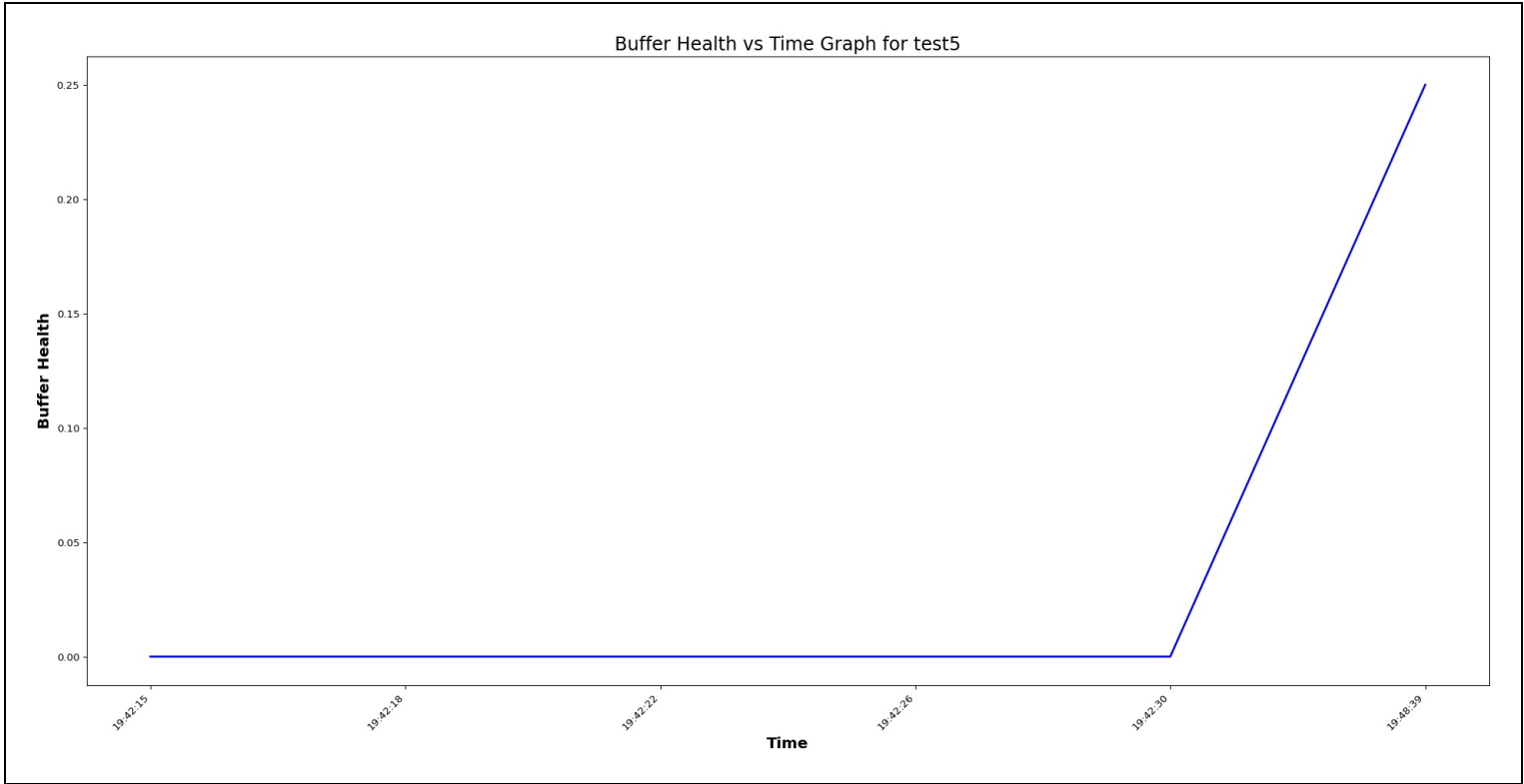

Buffer Health vs Time Graph for DESKTOP-3OSF0BQ

Buffer Health vs Time Graph for hp
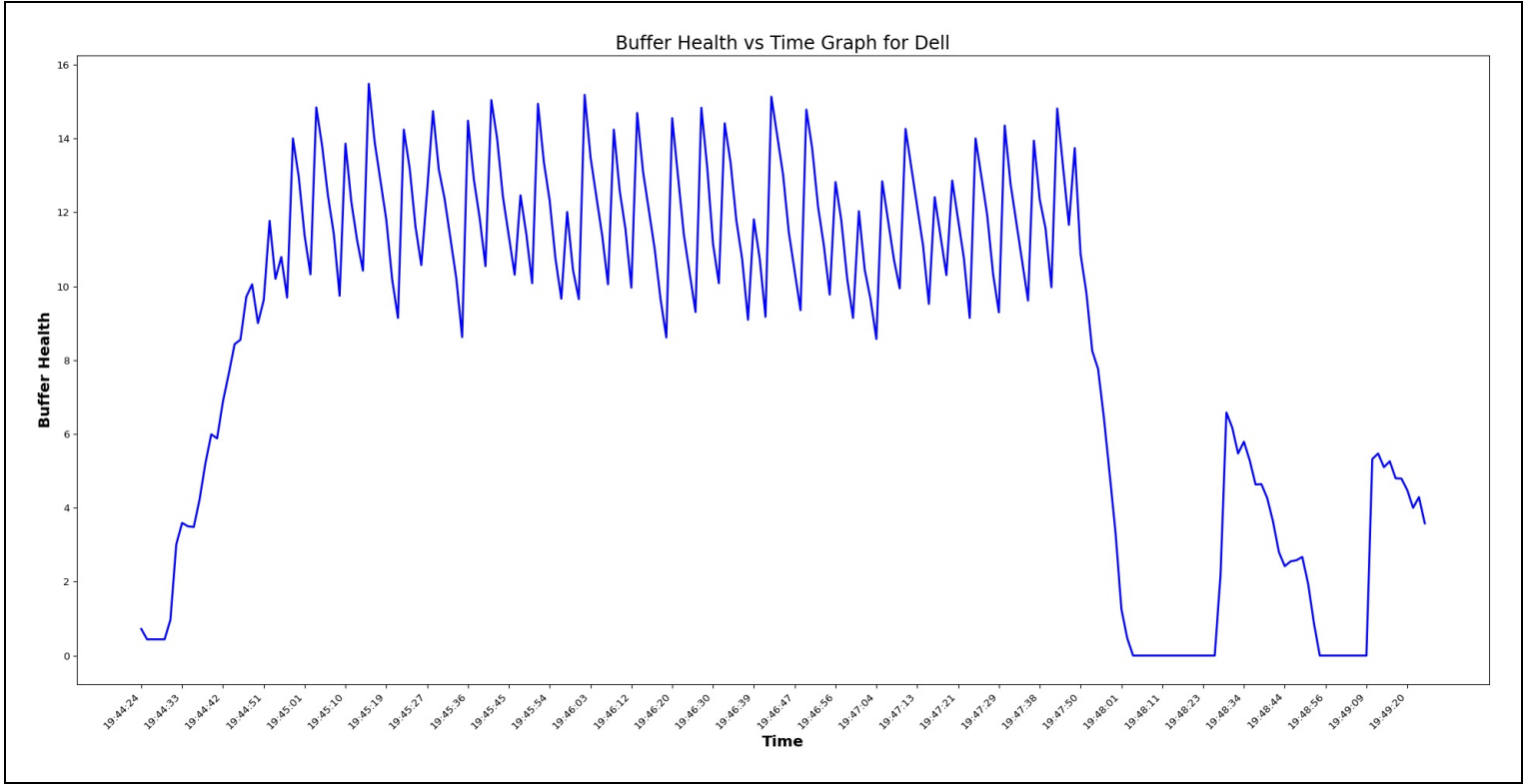

Buffer Health vs Time Graph for hp

Buffer Health vs Time Graph for test5

Buffer Health vs Time Graph for test5

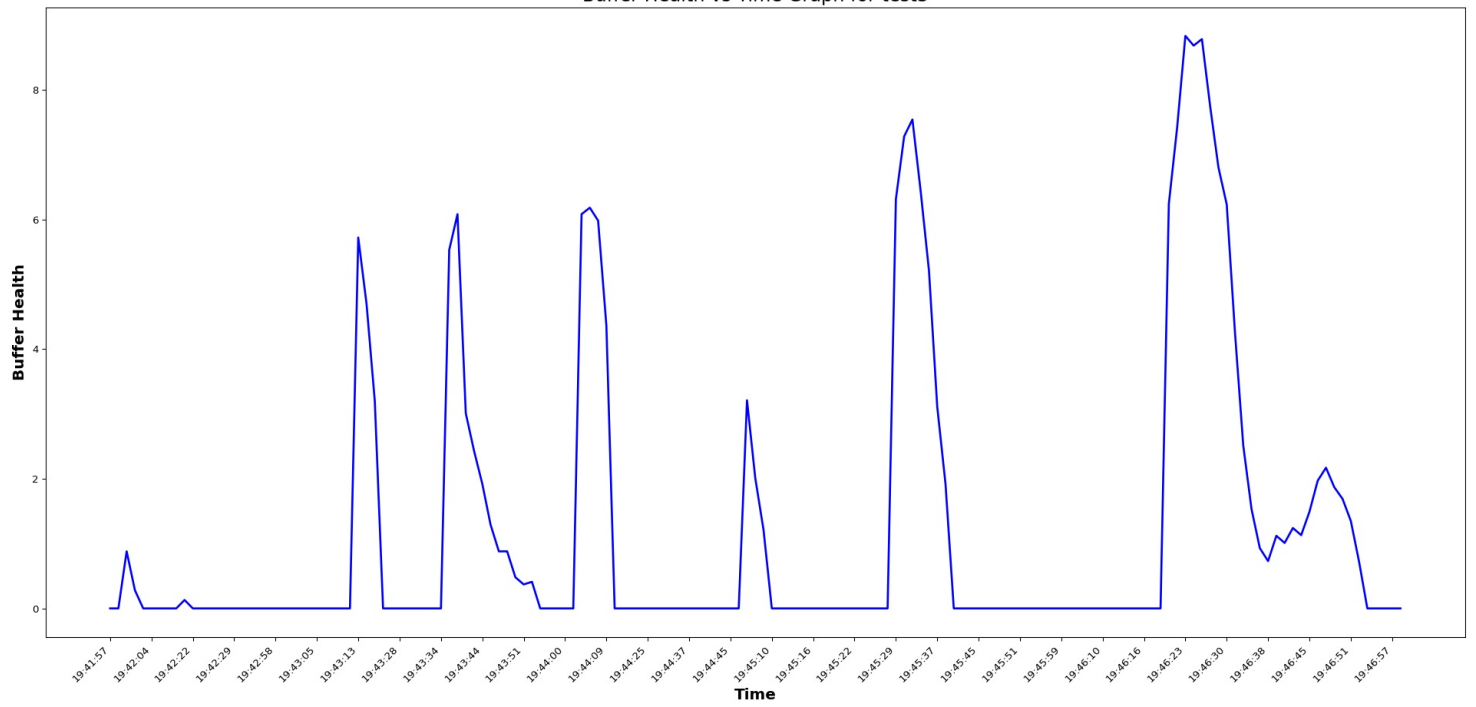## Buffer Health vs Time Graph for Dell

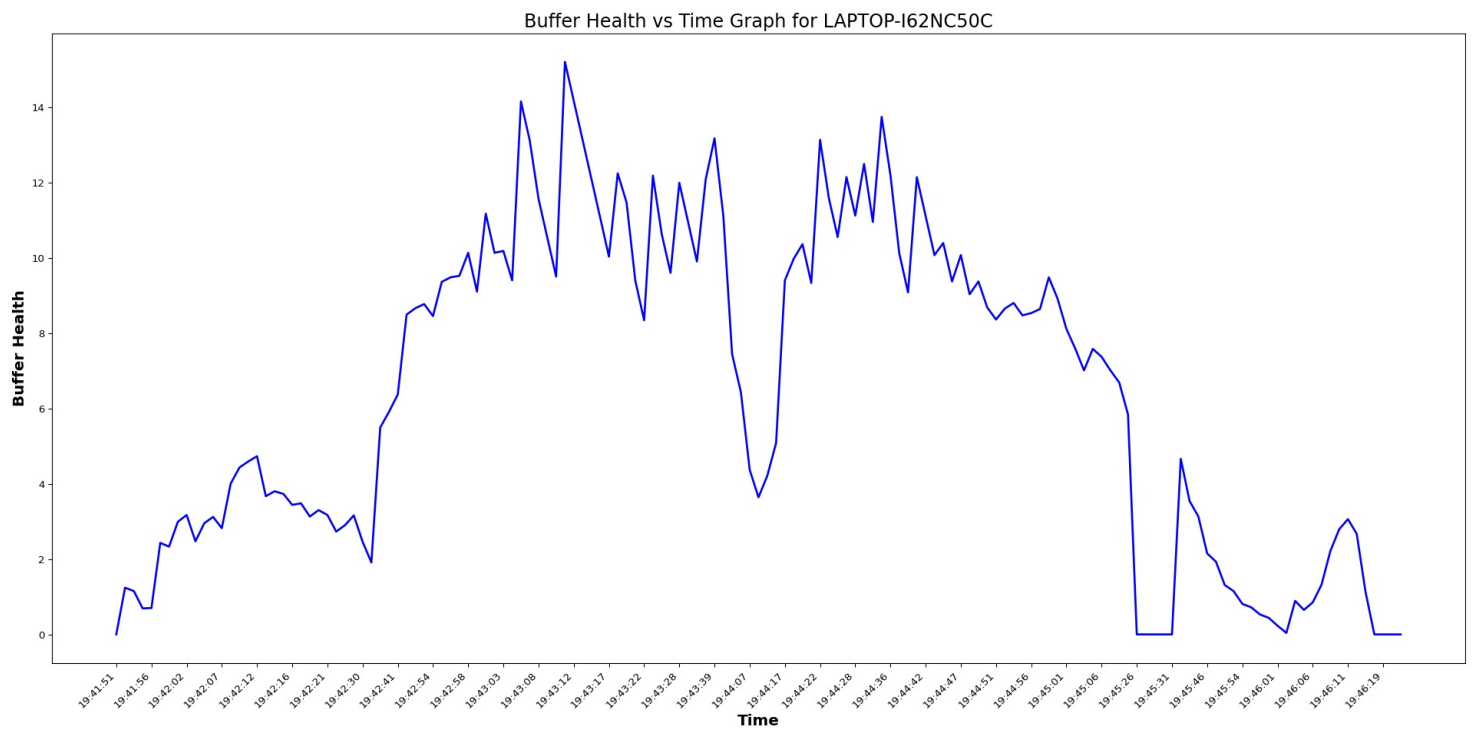
Buffer Health vs Time Graph for Dell

Buffer Health vs Time Graph for test3

Buffer Health vs Time Graph for test3

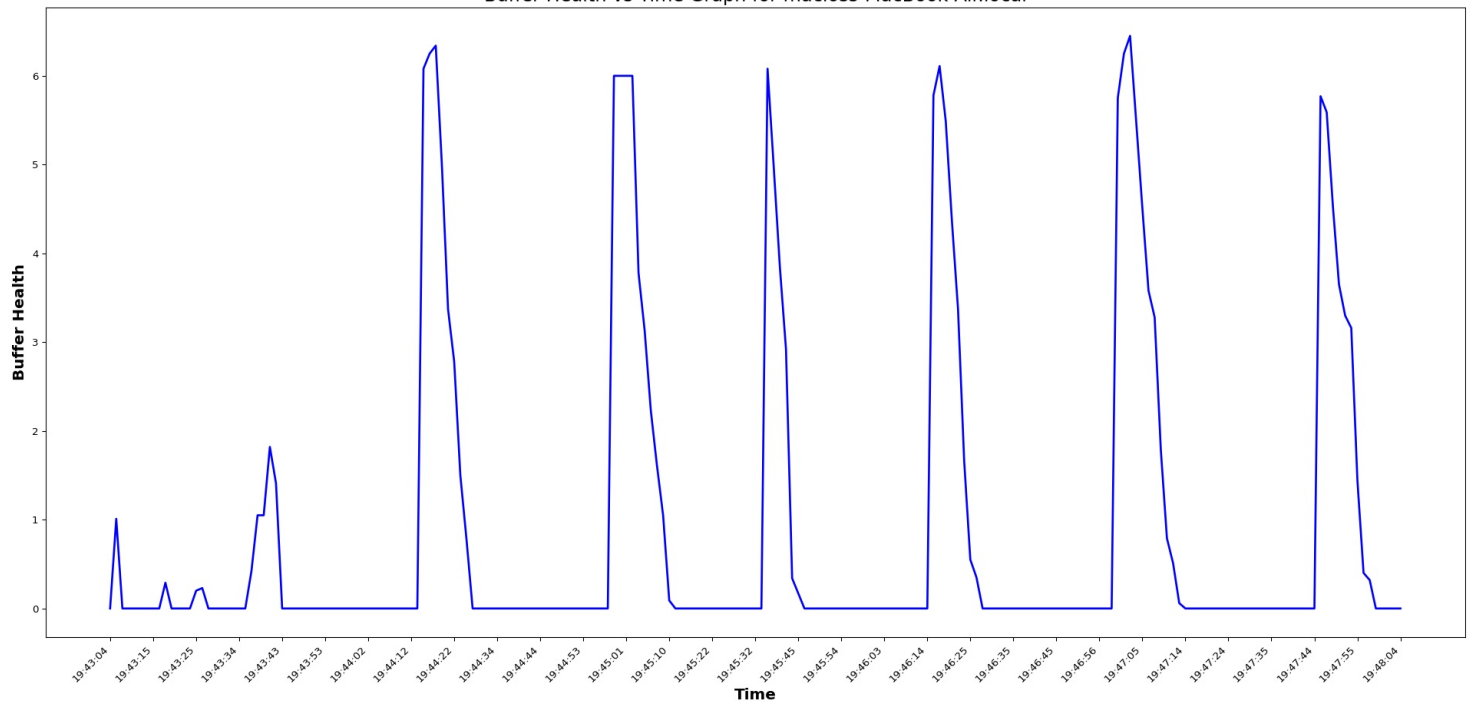## Buffer Health vs Time Graph for LAPTOP-I62NC50C

Buffer Health vs Time Graph for LAPTOP-I62NC50C

Buffer Health vs Time Graph for macioss-MacBook-Air.local

Buffer Health vs Time Graph for macioss-MacBook-Air.local

Buffer Health vs Time Graph for admins-MacBook-Air.local

Buffer Health vs Time Graph for admins-MacBook-Air.local