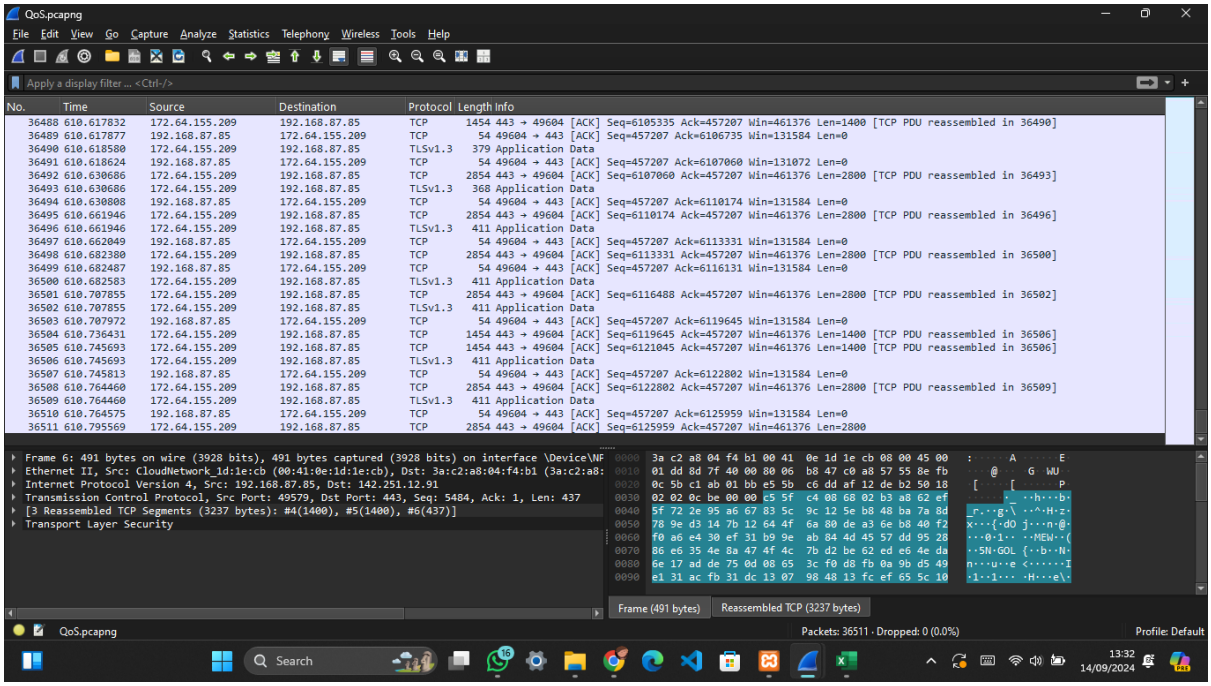
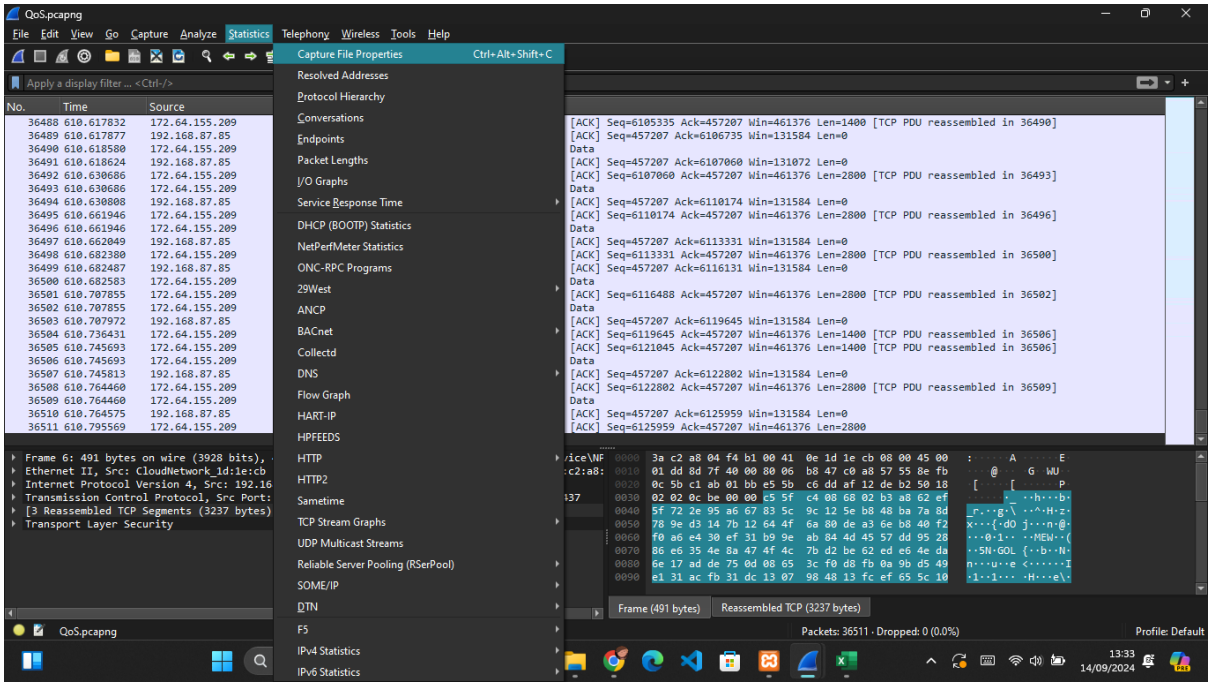
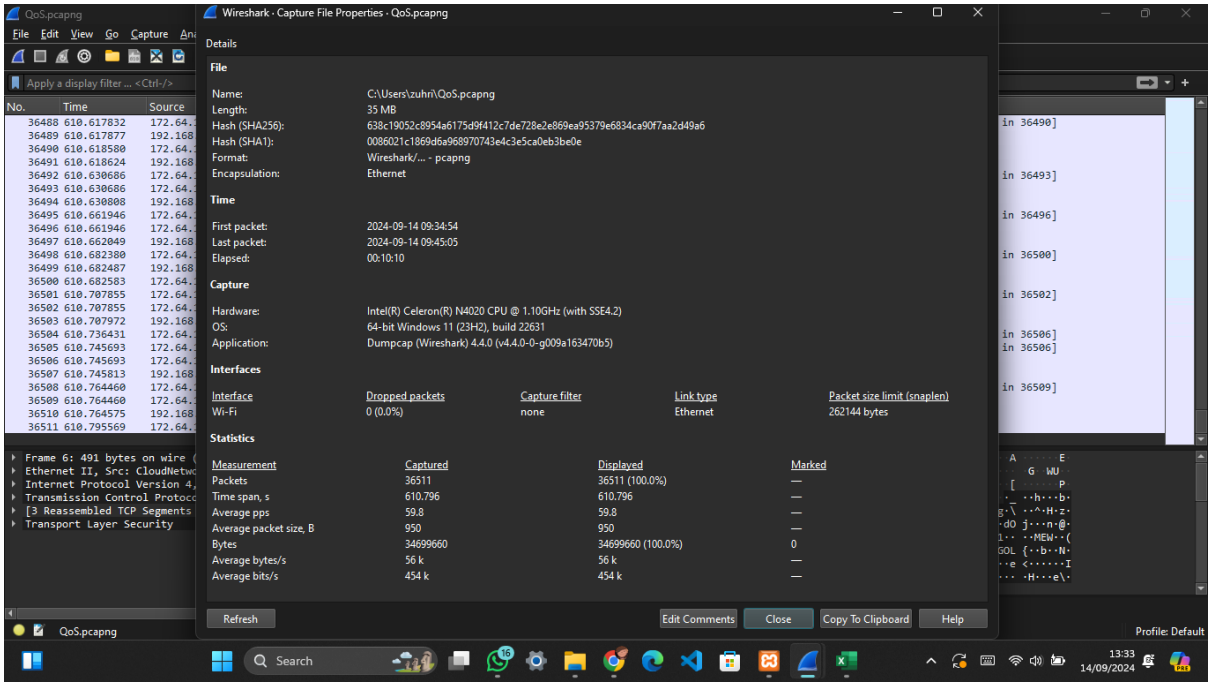
Nama : Muh. Zuhri Mubarak

Nim : 09010282327034

Kelas : MI3A







Statistics

Measurement	Captured	Displayed	Marked
Packets	36511	36511 (100.0%)	—
Time span, s	610.796	610.796	—
Average pps	59.8	59.8	—
Average packet size, B	950	950	—
Bytes	34699660	34699660 (100.0%)	0
Average bytes/s	56 k	56 k	—
Average bits/s	454 k	454 k	—

Throughput $= \frac{Total\ Bytes\ x\ 8}{Total\ Time} = \frac{277.597.280}{610.796}$ = 454.600.83 x 1000 = 454kbps x 1000 = 0.454

Packet Loss =(1 - $\frac{Total\ Terima}{Total\ Dikirm}$) x 100 = (1 - $\frac{36511}{36511}$) x 100 = 0 %

Delay = $\frac{Total\ Waktu\ Diterima\ Packets}{Total\ isi\ Packets} = \frac{610.796}{36.511}$ = 16,72 ms

Jitter = 2 , 37

Pengukuran	Nilai	Kategori
Throughput	0.454 MBps	Buruk
Packet Loss	0%	Sangat Baik
Delay	16,72	Sangat Baik
Jitter	2,37	Sangat Baik

Pengukuran	Keterangan	
	Indeks	Kategori
Throughput	3	Buruk
Packet Loss	10	Sangat Baik
Delay	10	Sangat Baik
Jitter	10	Sangat Baik
Rata Rata Indeks	8,25	

Tabel Kategori

Kategori	Throughput (Mbps)	Packet Loss (%)	Delay (ms)	Jitter (ms)
Sangat Baik	> 5 Mbps	0 - 1%	< 150 ms	< 20 ms
Baik	2 - 5 Mbps	1 - 3%	150 - 300 ms	20 - 50 ms
Cukup	1 - 2 Mbps	3 - 5%	300 - 450 ms	50 - 100 ms
Buruk	< 1 Mbps	> 5%	> 450 ms	> 100 ms

Sumber Referensi

https://youtu.be/rlBs6HKfPfQ?si=N5xI7lxF_FjLYLN2