

Project #4 Report

CSDS 425 Computer Networks

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Reference to analysis.py



	Key Findings	Count
0	TCP PACKETS	663619
1	UDP PACKETS	26305
2	OTHER PROTOCOL PACKETS	4417
3	PACKETS WITHOUT IP HEADER	0
4	TOTAL PACKETS	694341

Figure 1 - Distribution of packets in 425. trace

As indicated by figure 1 above, amidst a total of **694341** packets, a huge majority of the packets used TCP as the protocol for communication and all packets were of type IPV4. With reference to figure 2 below, the maximum payload transferred between any two hosts using TCP, was **243,725,065** bytes. Further, **450650** used port 80 as the source, and **70** packets used port 80 as the destination. This indicates a large number of HTTP exchanges.

	Source_IP	Dest_IP	Total_Payload
967	48.50.154.252	149.124.123.205	243725065
206	154.28.132.13	149.124.123.14	136397148
878	46.131.183.25	149.124.123.205	134001725
299	198.174.60.238	149.124.123.205	71852497
649	34.178.218.34	149.124.123.205	10953973

Figure 2 - Top 5 most significant payloads amongst TCP packets