SYSC 4602 Assignment 1
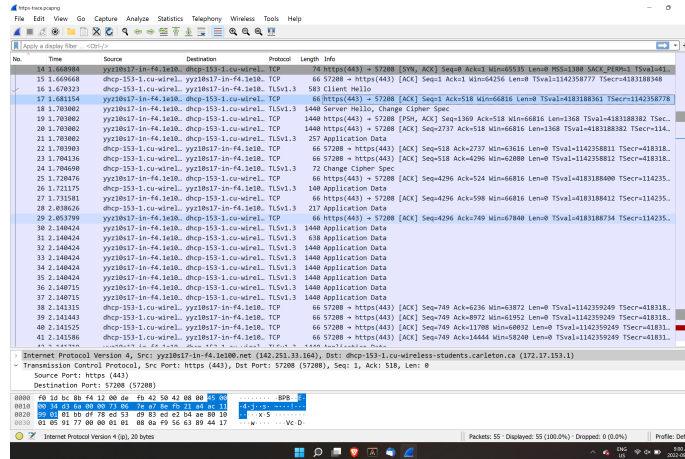
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Part 1: Capturing a Trace

Figure 1: Captured trace of wget https://www.google.com

Part 2: Inspecting the Trace

Figure 2: Packet structure of https Server Hello Packet

Part 3: Packet Structure

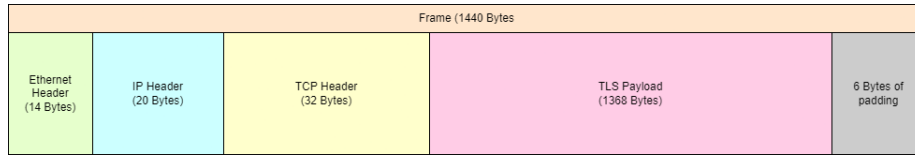| Frame (1440 Bytes				
Ethernet Header (14 Bytes)	IP Header (20 Bytes)	TCP Header (32 Bytes)	TLS Payload (1368 Bytes)	6 Bytes of padding

Figure 3: Packet Structure Diagram

Part 4: Protocol Overhead

Part 5: Demultiplexing Keys