

2.pcapng
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tcp

No.	Time	Source	Destination	Protocol	Length	Info
625	5.778297	212.26.64.106	192.168.0.178	TCP	54	[TCP Window Update] 443 → 31891 [ACK] Seq=1 Ack=1 Win=4096 Len=0
626	5.778521	192.168.0.178	212.26.64.106	TCP	1372	31891 → 443 [ACK] Seq=1 Ack=1 Win=64240 Len=1318 [TCP PDU reassembled in 627]
627	5.778521	192.168.0.178	212.26.64.106	TLSv1.2	551	Client Hello (SNI=qu.edu.sa)
629	5.793109	212.26.64.106	192.168.0.178	TCP	54	[TCP Window Update] 443 → 31892 [ACK] Seq=1 Ack=1 Win=4096 Len=0
630	5.793222	192.168.0.178	212.26.64.106	TCP	1372	31892 → 443 [ACK] Seq=1 Ack=1 Win=64240 Len=1318 [TCP PDU reassembled in 631]
631	5.793222	192.168.0.178	212.26.64.106	TLSv1.2	455	Client Hello (SNI=qu.edu.sa)
633	5.806632	23.20.125.25	192.168.0.178	TCP	66	[TCP Retransmission] 443 → 31853 [SYN, ACK] Seq=0 Ack=1 Win=26883 Len=0 MSS=1318 SACK_PERM WS=256
634	5.819115	212.26.64.106	192.168.0.178	TCP	54	443 → 31891 [ACK] Seq=1 Ack=1816 Win=5655 Len=0
635	5.824055	212.26.64.106	192.168.0.178	TLSv1.2	201	Server Hello, Change Cipher Spec, Encrypted Handshake Message
637	5.825781	192.168.0.178	212.26.64.106	TLSv1.2	105	Change Cipher Spec, Encrypted Handshake Message
639	5.843154	212.26.64.106	192.168.0.178	TCP	54	443 → 31892 [ACK] Seq=1 Ack=1720 Win=5559 Len=0
640	5.848425	212.26.64.106	192.168.0.178	TLSv1.2	201	Server Hello, Change Cipher Spec, Encrypted Handshake Message
641	5.850484	192.168.0.178	212.26.64.106	TLSv1.2	105	Change Cipher Spec, Encrypted Handshake Message
643	5.879915	212.26.64.106	192.168.0.178	TCP	54	443 → 31891 [ACK] Seq=148 Ack=1867 Win=5706 Len=0
644	5.879915	212.26.64.106	192.168.0.178	TCP	54	[TCP Dup ACK 643#1] 443 → 31891 [ACK] Seq=148 Ack=1867 Win=5706 Len=0
645	5.893236	212.26.64.106	192.168.0.178	TCP	54	443 → 31892 [ACK] Seq=148 Ack=1771 Win=5610 Len=0
646	5.897874	212.26.64.106	192.168.0.178	TCP	54	[TCP Dup ACK 645#1] 443 → 31892 [ACK] Seq=148 Ack=1771 Win=5610 Len=0
648	6.343968	212.26.64.106	192.168.0.178	TCP	1334	[TCP Retransmission] 443 → 31858 [PSH, ACK] Seq=13807 Ack=5238 Win=9077 Len=1280

> Ethernet II, Src: zte_57:a9:85 (b0:0a:d5:57:a9:85), Dst: Intel_5d:07:05 (dc:21:5c:5d:07:05)
> Internet Protocol Version 4, Src: 212.26.64.106, Dst: 192.168.0.178
< Transmission Control Protocol, Src Port: 443, Dst Port: 31892, Seq: 1, Ack: 1720, Len: 0

Source Port: 443
Destination Port: 31892
[Stream index: 55]
[Stream Packet Number: 7]

[Conversation completeness: Complete, WITH_DATA (31)]
[TCP Segment Len: 0]
Sequence Number: 1 (relative sequence number)
Sequence Number (raw): 746067019
[Next Sequence Number: 1 (relative sequence number)]
Acknowledgment Number: 1720 (relative ack number)
Acknowledgment number (raw): 2150354953
0101 = Header Length: 20 bytes (5)

Flags: 0x010 (ACK)
Window: 5559
[Calculated window size: 5559]

0000 dc 21 5c 5d 07 05 b0 0a d5 57 a9 85 08 00 45 00 .!\].... .W....E.
0010 00 28 72 2f 40 00 f0 06 42 c1 d4 1a 40 6a c0 a8 .(r/@... B...@j..
0020 00 b2 01 bb 7c 94 2c 78 14 4b 80 2b d0 09 50 10|.x .K.+..P.
0030 15 b7 b4 f6 00 00

Task 2
Step 3

This frame has some of the TCP analysis shown (tcp.analysis)
Packets: 31578 · Displayed: 30833 (97.6%) · Dropped: 0 (0.0%)
Profile: Default