



[Checksum Status: Unverified]

Urgent Pointer: 0

[Timestamps]

No.	Time	Source	Destination	Protocol	Length	Info
29	4.446476154	192.168.0.8	163.178.104.62	TCP	74	51344 → 443 [SYN] Seq=0 Win=64240

Len=0 MSS=1460 SACK\_PERM=1 TSval=785220841 TSecr=0 WS=128  
Frame 29: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

Total Length: 60

Identification: 0x3b59 (15193)

Flags: 0x40, Don't fragment

...0 0000 0000 0000 = Fragment Offset: 0

Time to Live: 64

Protocol: TCP (6)

Header Checksum: 0x32c2 [validation disabled]

[Header checksum status: Unverified]

Source Address: 192.168.0.8

Destination Address: 163.178.104.62

Transmission Control Protocol, Src Port: 51344, Dst Port: 443, Seq: 0, Len: 0

Source Port: 51344

Destination Port: 443

[Stream index: 2]

[Conversation completeness: Complete, WITH\_DATA (31)]

[TCP Segment Len: 0]

Sequence Number: 0 (relative sequence number)

Sequence Number (raw): 499121449

[Next Sequence Number: 1 (relative sequence number)]

Acknowledgment Number: 0

Acknowledgment number (raw): 0

1010 .... = Header Length: 40 bytes (10)

Flags: 0x002 (SYN)

Window: 64240

[Calculated window size: 64240]

Checksum: 0xcccf [unverified]

[Checksum Status: Unverified]

Urgent Pointer: 0

Options: (20 bytes), Maximum segment size, SACK permitted, Timestamps, No-Operation (NOP), Window scale

[Timestamps]

No.	Time	Source	Destination	Protocol	Length	Info
30	4.446724233	192.168.0.8	163.178.104.62	TCP	74	51358 → 443 [SYN] Seq=0 Win=64240

Len=0 MSS=1460 SACK\_PERM=1 TSval=785220841 TSecr=0 WS=128  
Frame 30: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

Total Length: 60

Identification: 0xe718 (59160)

Flags: 0x40, Don't fragment

...0 0000 0000 0000 = Fragment Offset: 0

Time to Live: 64

Protocol: TCP (6)

Header Checksum: 0x8702 [validation disabled]

[Header checksum status: Unverified]

Source Address: 192.168.0.8

Destination Address: 163.178.104.62

Transmission Control Protocol, Src Port: 51358, Dst Port: 443, Seq: 0, Len: 0

Source Port: 51358

Destination Port: 443

[Stream index: 3]

[Conversation completeness: Complete, WITH\_DATA (63)]

[TCP Segment Len: 0]

Sequence Number: 0 (relative sequence number)

Sequence Number (raw): 1787085208

[Next Sequence Number: 1 (relative sequence number)]

Acknowledgment Number: 0

Acknowledgment number (raw): 0

1010 .... = Header Length: 40 bytes (10)

Flags: 0x002 (SYN)

Window: 64240

[Calculated window size: 64240]

Checksum: 0xcccf [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (20 bytes), Maximum segment size, SACK permitted, Timestamps, No-Operation (NOP), Window scale  
[Timestamps]

No.	Time	Source	Destination	Protocol	Length	Info
31	4.463853742	163.178.104.62	192.168.0.8	TCP	74	443 → 51344 [SYN, ACK] Seq=0

Ack=1 Win=28960 Len=0 MSS=1460 SACK\_PERM=1 TSval=784066621 TSecr=785220841 WS=128

Frame 31: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 60  
Identification: 0x0000 (0)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)  
Header Checksum: 0x811b [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8

Transmission Control Protocol, Src Port: 443, Dst Port: 51344, Seq: 0, Ack: 1, Len: 0

Source Port: 443  
Destination Port: 51344  
[Stream index: 2]  
[Conversation completeness: Complete, WITH\_DATA (31)]  
[TCP Segment Len: 0]  
Sequence Number: 0 (relative sequence number)  
Sequence Number (raw): 2880075755  
[Next Sequence Number: 1 (relative sequence number)]  
Acknowledgment Number: 1 (relative ack number)  
Acknowledgment number (raw): 499121450  
1010 .... = Header Length: 40 bytes (10)  
Flags: 0x012 (SYN, ACK)  
Window: 28960  
[Calculated window size: 28960]  
Checksum: 0x36b3 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (20 bytes), Maximum segment size, SACK permitted, Timestamps, No-Operation (NOP), Window scale  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
32	4.463879514	192.168.0.8	163.178.104.62	TCP	66	51344 → 443 [ACK] Seq=1 Ack=1

Win=64256 Len=0 TSval=785220858 TSecr=784066621

Frame 32: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x3b5a (15194)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x32c9 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62

Transmission Control Protocol, Src Port: 51344, Dst Port: 443, Seq: 1, Ack: 1, Len: 0

Source Port: 51344  
Destination Port: 443  
[Stream index: 2]  
[Conversation completeness: Complete, WITH\_DATA (31)]  
[TCP Segment Len: 0]  
Sequence Number: 1 (relative sequence number)  
Sequence Number (raw): 499121450  
[Next Sequence Number: 1 (relative sequence number)]  
Acknowledgment Number: 1 (relative ack number)  
Acknowledgment number (raw): 2880075756  
1000 .... = Header Length: 32 bytes (8)

Flags: 0x010 (ACK)  
Window: 502  
[Calculated window size: 64256]  
[Window size scaling factor: 128]  
Checksum: 0xcc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
33	4.464177252	192.168.0.8	163.178.104.62	TCP	1514	51344 → 443 [ACK] Seq=1 Ack=1

Win=64256 Len=1448 TSval=785220858 TSecr=784066621 [TCP segment of a reassembled PDU]  
Frame 33: 1514 bytes on wire (12112 bits), 1514 bytes captured (12112 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 1500  
Identification: 0x3b5b (15195)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x2d20 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62

Transmission Control Protocol, Src Port: 51344, Dst Port: 443, Seq: 1, Ack: 1, Len: 1448  
Source Port: 51344  
Destination Port: 443  
[Stream index: 2]  
[Conversation completeness: Complete, WITH\_DATA (31)]  
[TCP Segment Len: 1448]  
Sequence Number: 1 (relative sequence number)  
Sequence Number (raw): 499121450  
[Next Sequence Number: 1449 (relative sequence number)]  
Acknowledgment Number: 1 (relative ack number)  
Acknowledgment number (raw): 2880075756  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 502  
[Calculated window size: 64256]  
[Window size scaling factor: 128]  
Checksum: 0xd26f [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (1448 bytes)  
[Reassembled PDU in frame: 34]  
TCP segment data (1448 bytes)

No.	Time	Source	Destination	Protocol	Length	Info
34	4.464182140	192.168.0.8	163.178.104.62	TLSv1.2	585	Client Hello

Frame 34: 585 bytes on wire (4680 bits), 585 bytes captured (4680 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 571  
Identification: 0x3b5c (15196)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x30c0 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62

Transmission Control Protocol, Src Port: 51344, Dst Port: 443, Seq: 1449, Ack: 1, Len: 519  
Source Port: 51344  
Destination Port: 443  
[Stream index: 2]

[Conversation completeness: Complete, WITH\_DATA (31)]  
[TCP Segment Len: 519]  
Sequence Number: 1449 (relative sequence number)  
Sequence Number (raw): 499122898  
[Next Sequence Number: 1968 (relative sequence number)]  
Acknowledgment Number: 1 (relative ack number)  
Acknowledgment number (raw): 2880075756  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x018 (PSH, ACK)  
Window: 502  
[Calculated window size: 64256]  
[Window size scaling factor: 128]  
Checksum: 0xcece [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (519 bytes)  
TCP segment data (519 bytes)  
[2 Reassembled TCP Segments (1967 bytes): #33(1448), #34(519)]  
Transport Layer Security

No.	Time	Source	Destination	Protocol	Length	Info
35	4.465849554	163.178.104.62	192.168.0.8	TCP	74	443 → 51358 [SYN, ACK] Seq=0

Ack=1 Win=28960 Len=0 MSS=1460 SACK\_PERM=1 TSval=784066624 TSecr=785220841 WS=128  
Frame 35: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 60  
Identification: 0x0000 (0)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 46  
Protocol: TCP (6)  
Header Checksum: 0x801b [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8  
Transmission Control Protocol, Src Port: 443, Dst Port: 51358, Seq: 0, Ack: 1, Len: 0  
Source Port: 443  
Destination Port: 51358  
[Stream index: 3]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 0 (relative sequence number)  
Sequence Number (raw): 2428990649  
[Next Sequence Number: 1 (relative sequence number)]  
Acknowledgment Number: 1 (relative ack number)  
Acknowledgment number (raw): 1787085209  
1010 .... = Header Length: 40 bytes (10)  
Flags: 0x012 (SYN, ACK)  
Window: 28960  
[Calculated window size: 28960]  
Checksum: 0x4383 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (20 bytes), Maximum segment size, SACK permitted, Timestamps, No-Operation (NOP), Window scale  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
36	4.465859053	192.168.0.8	163.178.104.62	TCP	66	51358 → 443 [ACK] Seq=1 Ack=1

Win=64256 Len=0 TSval=785220860 TSecr=784066624  
Frame 36: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0xe719 (59161)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64



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0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 635
Identification: 0xe71b (59163)
Flags: 0x40, Don't fragment
...0 0000 0000 0000 = Fragment Offset: 0
Time to Live: 64
Protocol: TCP (6)
Header Checksum: 0x84c0 [validation disabled]
[Header checksum status: Unverified]
Source Address: 192.168.0.8
Destination Address: 163.178.104.62
Transmission Control Protocol, Src Port: 51358, Dst Port: 443, Seq: 1449, Ack: 1, Len: 583
Source Port: 51358
Destination Port: 443
[Stream index: 3]
[Conversation completeness: Complete, WITH_DATA (63)]
[TCP Segment Len: 583]
Sequence Number: 1449      (relative sequence number)
Sequence Number (raw): 1787086657
[Next Sequence Number: 2032      (relative sequence number)]
Acknowledgment Number: 1      (relative ack number)
Acknowledgment number (raw): 2428990650
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window: 502
[Calculated window size: 64256]
[Window size scaling factor: 128]
Checksum: 0xcf0e [unverified]
[Checksum Status: Unverified]
Urgent Pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[Timestamps]
[SEQ/ACK analysis]
TCP payload (583 bytes)
TCP segment data (583 bytes)
[2 Reassembled TCP Segments (2031 bytes): #37(1448), #38(583)]
Transport Layer Security
No.      Time      Source      Destination      Protocol Length Info
   39  4.483983744    163.178.104.62    192.168.0.8      TCP        66      443 → 51358 [ACK] Seq=1 Ack=2032
Win=33024 Len=0 TSval=784066642 TSecr=785220860
Frame 39: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0
Ethernet II, Src: ARRISGro_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt_93:9b:ce (18:c0:4d:93:9b:ce)
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x9ce8 (40168)
Flags: 0x40, Don't fragment
...0 0000 0000 0000 = Fragment Offset: 0
Time to Live: 46
Protocol: TCP (6)
Header Checksum: 0xe33a [validation disabled]
[Header checksum status: Unverified]
Source Address: 163.178.104.62
Destination Address: 192.168.0.8
Transmission Control Protocol, Src Port: 443, Dst Port: 51358, Seq: 1, Ack: 2032, Len: 0
Source Port: 443
Destination Port: 51358
[Stream index: 3]
[Conversation completeness: Complete, WITH_DATA (63)]
[TCP Segment Len: 0]
Sequence Number: 1      (relative sequence number)
Sequence Number (raw): 2428990650
[Next Sequence Number: 1      (relative sequence number)]
Acknowledgment Number: 2032      (relative ack number)
Acknowledgment number (raw): 1787087240
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (ACK)
Window: 258
[Calculated window size: 33024]
[Window size scaling factor: 128]
Checksum: 0xda59 [unverified]
[Checksum Status: Unverified]
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Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
40	4.484730916	163.178.104.62	192.168.0.8	TLSv1.2	203	Server Hello, Change Cipher Spec, Encrypted Handshake Message

Frame 40: 203 bytes on wire (1624 bits), 203 bytes captured (1624 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 189  
Identification: 0x9ce9 (40169)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 46  
Protocol: TCP (6)  
Header Checksum: 0xe2b0 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8  
Transmission Control Protocol, Src Port: 443, Dst Port: 51358, Seq: 1, Ack: 2032, Len: 137  
Source Port: 443  
Destination Port: 51358  
[Stream index: 3]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 137]  
Sequence Number: 1 (relative sequence number)  
Sequence Number (raw): 2428990650  
[Next Sequence Number: 138 (relative sequence number)]  
Acknowledgment Number: 2032 (relative ack number)  
Acknowledgment number (raw): 1787087240  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x018 (PSH, ACK)  
Window: 258  
[Calculated window size: 33024]  
[Window size scaling factor: 128]  
Checksum: 0xd27a [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (137 bytes)

No.	Time	Source	Destination	Protocol	Length	Info
41	4.484740345	192.168.0.8	163.178.104.62	TCP	66	51358 → 443 [ACK] Seq=2032

Ack=138 Win=64128 Len=0 TSval=785220879 TSecr=784066643  
Frame 41: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0xe71c (59164)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x8706 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 51358, Dst Port: 443, Seq: 2032, Ack: 138, Len: 0  
Source Port: 51358  
Destination Port: 443  
[Stream index: 3]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 2032 (relative sequence number)  
Sequence Number (raw): 1787087240  
[Next Sequence Number: 2032 (relative sequence number)]  
Acknowledgment Number: 138 (relative ack number)



Acknowledgment number (raw): 2428990787  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xccc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
42	4.484885896	192.168.0.8	163.178.104.62	TLSv1.2	117	Change Cipher Spec, Encrypted

Handshake Message  
Frame 42: 117 bytes on wire (936 bits), 117 bytes captured (936 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 103  
Identification: 0xe71d (59165)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x86d2 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 51358, Dst Port: 443, Seq: 2032, Ack: 138, Len: 51  
Source Port: 51358  
Destination Port: 443  
[Stream index: 3]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 51]  
Sequence Number: 2032 (relative sequence number)  
Sequence Number (raw): 1787087240  
[Next Sequence Number: 2083 (relative sequence number)]  
Acknowledgment Number: 138 (relative ack number)  
Acknowledgment number (raw): 2428990787  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x018 (PSH, ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xccfa [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (51 bytes)

No.	Time	Source	Destination	Protocol	Length	Info
43	4.485029841	192.168.0.8	163.178.104.62	TLSv1.2	984	Application Data

Frame 43: 984 bytes on wire (7872 bits), 984 bytes captured (7872 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 970  
Identification: 0xe71e (59166)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x836e [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 51358, Dst Port: 443, Seq: 2083, Ack: 138, Len: 918  
Source Port: 51358  
Destination Port: 443

[Stream index: 3]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 918]  
Sequence Number: 2083 (relative sequence number)  
Sequence Number (raw): 1787087291  
[Next Sequence Number: 3001 (relative sequence number)]  
Acknowledgment Number: 138 (relative ack number)  
Acknowledgment number (raw): 2428990787  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x018 (PSH, ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xd05d [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (918 bytes)  
Transport Layer Security  
No. Time Source Destination Protocol Length Info  
44 4.486905175 163.178.104.62 192.168.0.8 TCP 66 443 → 51344 [ACK] Seq=1 Ack=1968  
Win=32896 Len=0 TSval=784066645 TSecr=785220858  
Frame 44: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8  
0100 .... = Version: 4  
... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x9fb9 (40889)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)  
Header Checksum: 0xe169 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8  
Transmission Control Protocol, Src Port: 443, Dst Port: 51344, Seq: 1, Ack: 1968, Len: 0  
Source Port: 443  
Destination Port: 51344  
[Stream index: 2]  
[Conversation completeness: Complete, WITH\_DATA (31)]  
[TCP Segment Len: 0]  
Sequence Number: 1 (relative sequence number)  
Sequence Number (raw): 2880075756  
[Next Sequence Number: 1 (relative sequence number)]  
Acknowledgment Number: 1968 (relative ack number)  
Acknowledgment number (raw): 499123417  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 257  
[Calculated window size: 32896]  
[Window size scaling factor: 128]  
Checksum: 0xcdc6 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
No. Time Source Destination Protocol Length Info  
45 4.488730223 163.178.104.62 192.168.0.8 TLSv1.2 203 Server Hello, Change Cipher Spec,  
Encrypted Handshake Message  
Frame 45: 203 bytes on wire (1624 bits), 203 bytes captured (1624 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8  
0100 .... = Version: 4  
... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 189  
Identification: 0x9fba (40890)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45

Protocol: TCP (6)  
Header Checksum: 0xe0df [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8  
Transmission Control Protocol, Src Port: 443, Dst Port: 51344, Seq: 1, Ack: 1968, Len: 137  
Source Port: 443  
Destination Port: 51344  
[Stream index: 2]  
[Conversation completeness: Complete, WITH\_DATA (31)]  
[TCP Segment Len: 137]  
Sequence Number: 1 (relative sequence number)  
Sequence Number (raw): 2880075756  
[Next Sequence Number: 138 (relative sequence number)]  
Acknowledgment Number: 1968 (relative ack number)  
Acknowledgment number (raw): 499123417  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x018 (PSH, ACK)  
Window: 257  
[Calculated window size: 32896]  
[Window size scaling factor: 128]  
Checksum: 0x1938 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (137 bytes)  
Transport Layer Security

No.	Time	Source	Destination	Protocol	Length	Info
46	4.488736858	192.168.0.8	163.178.104.62	TCP	66	51344 → 443 [ACK] Seq=1968

Ack=138 Win=64128 Len=0 TSval=785220883 TSecr=784066646  
Frame 46: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x3b5d (15197)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x32c6 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 51344, Dst Port: 443, Seq: 1968, Ack: 138, Len: 0  
Source Port: 51344  
Destination Port: 443  
[Stream index: 2]  
[Conversation completeness: Complete, WITH\_DATA (31)]  
[TCP Segment Len: 0]  
Sequence Number: 1968 (relative sequence number)  
Sequence Number (raw): 499123417  
[Next Sequence Number: 1968 (relative sequence number)]  
Acknowledgment Number: 138 (relative ack number)  
Acknowledgment number (raw): 2880075893  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xcc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
47	4.488828072	192.168.0.8	163.178.104.62	TLSv1.2	117	Change Cipher Spec, Encrypted

Handshake Message  
Frame 47: 117 bytes on wire (936 bits), 117 bytes captured (936 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

```
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 103
Identification: 0x3b5e (15198)
Flags: 0x40, Don't fragment
...0 0000 0000 0000 = Fragment Offset: 0
Time to Live: 64
Protocol: TCP (6)
Header Checksum: 0x3292 [validation disabled]
[Header checksum status: Unverified]
Source Address: 192.168.0.8
Destination Address: 163.178.104.62
Transmission Control Protocol, Src Port: 51344, Dst Port: 443, Seq: 1968, Ack: 138, Len: 51
Source Port: 51344
Destination Port: 443
[Stream index: 2]
[Conversation completeness: Complete, WITH_DATA (31)]
[TCP Segment Len: 51]
Sequence Number: 1968      (relative sequence number)
Sequence Number (raw): 499123417
[Next Sequence Number: 2019      (relative sequence number)]
Acknowledgment Number: 138      (relative ack number)
Acknowledgment number (raw): 2880075893
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window: 501
[Calculated window size: 64128]
[Window size scaling factor: 128]
Checksum: 0xccfa [unverified]
[Checksum Status: Unverified]
Urgent Pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[Timestamps]
[SEQ/ACK analysis]
TCP payload (51 bytes)
Transport Layer Security
No.      Time      Source      Destination      Protocol Length Info
  48 4.496956521 163.178.104.62 192.168.0.8      TCP        66      443 → 51358 [ACK] Seq=138
Ack=3001 Win=35968 Len=0 TSval=784066656 TSecr=785220879
Frame 48: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0
Ethernet II, Src: ARRISGro_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt_93:9b:ce (18:c0:4d:93:9b:ce)
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x9cea (40170)
Flags: 0x40, Don't fragment
...0 0000 0000 0000 = Fragment Offset: 0
Time to Live: 46
Protocol: TCP (6)
Header Checksum: 0xe338 [validation disabled]
[Header checksum status: Unverified]
Source Address: 163.178.104.62
Destination Address: 192.168.0.8
Transmission Control Protocol, Src Port: 443, Dst Port: 51358, Seq: 138, Ack: 3001, Len: 0
Source Port: 443
Destination Port: 51358
[Stream index: 3]
[Conversation completeness: Complete, WITH_DATA (63)]
[TCP Segment Len: 0]
Sequence Number: 138      (relative sequence number)
Sequence Number (raw): 2428990787
[Next Sequence Number: 138      (relative sequence number)]
Acknowledgment Number: 3001      (relative ack number)
Acknowledgment number (raw): 1787088209
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (ACK)
Window: 281
[Calculated window size: 35968]
[Window size scaling factor: 128]
Checksum: 0xd5cf [unverified]
[Checksum Status: Unverified]
Urgent Pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
```

```
[Timestamps]
[SEQ/ACK analysis]
No.      Time      Source      Destination      Protocol Length Info
  49 4.497836673 163.178.104.62 192.168.0.8      TLSv1.2 261 Application Data
Frame 49: 261 bytes on wire (2088 bits), 261 bytes captured (2088 bits) on interface eno1, id 0
Ethernet II, Src: ARRISGro_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt_93:9b:ce (18:c0:4d:93:9b:ce)
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8
 0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 247
Identification: 0x9ceb (40171)
Flags: 0x40, Don't fragment
...0 0000 0000 0000 = Fragment Offset: 0
Time to Live: 46
Protocol: TCP (6)
Header Checksum: 0xe274 [validation disabled]
[Header checksum status: Unverified]
Source Address: 163.178.104.62
Destination Address: 192.168.0.8
Transmission Control Protocol, Src Port: 443, Dst Port: 51358, Seq: 138, Ack: 3001, Len: 195
Source Port: 443
Destination Port: 51358
[Stream index: 3]
[Conversation completeness: Complete, WITH_DATA (63)]
[TCP Segment Len: 195]
Sequence Number: 138 (relative sequence number)
Sequence Number (raw): 2428990787
[Next Sequence Number: 333 (relative sequence number)]
Acknowledgment Number: 3001 (relative ack number)
Acknowledgment number (raw): 1787088209
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window: 281
[Calculated window size: 35968]
[Window size scaling factor: 128]
Checksum: 0xc9a7 [unverified]
[Checksum Status: Unverified]
Urgent Pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[Timestamps]
[SEQ/ACK analysis]
TCP payload (195 bytes)
Transport Layer Security
No.      Time      Source      Destination      Protocol Length Info
  50 4.542471525 192.168.0.8 163.178.104.62      TCP 66 51358 → 443 [ACK] Seq=3001
Ack=333 Win=64128 Len=0 TSval=785220937 TSecr=784066657
Frame 50: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0
Ethernet II, Src: Giga-Byt_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro_d9:7e:21 (50:a5:dc:d9:7e:21)
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62
 0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xe71f (59167)
Flags: 0x40, Don't fragment
...0 0000 0000 0000 = Fragment Offset: 0
Time to Live: 64
Protocol: TCP (6)
Header Checksum: 0x8703 [validation disabled]
[Header checksum status: Unverified]
Source Address: 192.168.0.8
Destination Address: 163.178.104.62
Transmission Control Protocol, Src Port: 51358, Dst Port: 443, Seq: 3001, Ack: 333, Len: 0
Source Port: 51358
Destination Port: 443
[Stream index: 3]
[Conversation completeness: Complete, WITH_DATA (63)]
[TCP Segment Len: 0]
Sequence Number: 3001 (relative sequence number)
Sequence Number (raw): 1787088209
[Next Sequence Number: 3001 (relative sequence number)]
Acknowledgment Number: 333 (relative ack number)
Acknowledgment number (raw): 2428990982
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (ACK)
```

Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xccc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
51	4.543563229	163.178.104.62	192.168.0.8	TCP	66	443 → 51344 [ACK] Seq=138

Ack=2019 Win=32896 Len=0 TSval=784066703 TSecr=785220883  
Frame 51: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x9fbb (40891)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)  
Header Checksum: 0xe167 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8  
Transmission Control Protocol, Src Port: 443, Dst Port: 51344, Seq: 138, Ack: 2019, Len: 0  
Source Port: 443  
Destination Port: 51344  
[Stream index: 2]  
[Conversation completeness: Complete, WITH\_DATA (31)]  
[TCP Segment Len: 0]  
Sequence Number: 138 (relative sequence number)  
Sequence Number (raw): 2880075893  
[Next Sequence Number: 138 (relative sequence number)]  
Acknowledgment Number: 2019 (relative ack number)  
Acknowledgment number (raw): 499123468  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 257  
[Calculated window size: 32896]  
[Window size scaling factor: 128]  
Checksum: 0xccb7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
107	9.504942405	163.178.104.62	192.168.0.8	TLSv1.2	97	Encrypted Alert

Frame 107: 97 bytes on wire (776 bits), 97 bytes captured (776 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 83  
Identification: 0x9cec (40172)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 46  
Protocol: TCP (6)  
Header Checksum: 0xe317 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8  
Transmission Control Protocol, Src Port: 443, Dst Port: 51358, Seq: 333, Ack: 3001, Len: 31  
Source Port: 443  
Destination Port: 51358  
[Stream index: 3]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 31]  
Sequence Number: 333 (relative sequence number)  
Sequence Number (raw): 2428990982

[Next Sequence Number: 364 (relative sequence number)]  
Acknowledgment Number: 3001 (relative ack number)  
Acknowledgment number (raw): 1787088209  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x018 (PSH, ACK)  
Window: 281  
[Calculated window size: 35968]  
[Window size scaling factor: 128]  
Checksum: 0x62b0 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (31 bytes)

Transport Layer Security

No.	Time	Source	Destination	Protocol	Length	Info
108	9.504980469	192.168.0.8	163.178.104.62	TCP	66	51358 → 443 [ACK] Seq=3001

Ack=364 Win=64128 Len=0 TSval=785225899 TSecr=784071662

Frame 108: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0xe720 (59168)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x8702 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62

Transmission Control Protocol, Src Port: 51358, Dst Port: 443, Seq: 3001, Ack: 364, Len: 0

Source Port: 51358  
Destination Port: 443  
[Stream index: 3]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 3001 (relative sequence number)  
Sequence Number (raw): 1787088209  
[Next Sequence Number: 3001 (relative sequence number)]  
Acknowledgment Number: 364 (relative ack number)  
Acknowledgment number (raw): 2428991013  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xcc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
109	9.505383249	163.178.104.62	192.168.0.8	TCP	66	443 → 51358 [FIN, ACK] Seq=364

Ack=3001 Win=35968 Len=0 TSval=784071662 TSecr=785220937  
Frame 109: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x9ced (40173)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 46  
Protocol: TCP (6)  
Header Checksum: 0xe335 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8

Transmission Control Protocol, Src Port: 443, Dst Port: 51358, Seq: 364, Ack: 3001, Len: 0  
Source Port: 443  
Destination Port: 51358  
[Stream index: 3]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 364 (relative sequence number)  
Sequence Number (raw): 2428991013  
[Next Sequence Number: 365 (relative sequence number)]  
Acknowledgment Number: 3001 (relative ack number)  
Acknowledgment number (raw): 1787088209  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x011 (FIN, ACK)  
Window: 281  
[Calculated window size: 35968]  
[Window size scaling factor: 128]  
Checksum: 0xc124 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]

No.	Time	Source	Destination	Protocol	Length	Info
114	9.546474654	192.168.0.8	163.178.104.62	TCP	66	51358 → 443 [ACK] Seq=3001

Ack=365 Win=64128 Len=0 TSval=785225941 TSecr=784071662  
Frame 114: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0xe721 (59169)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x8701 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62

Transmission Control Protocol, Src Port: 51358, Dst Port: 443, Seq: 3001, Ack: 365, Len: 0  
Source Port: 51358  
Destination Port: 443  
[Stream index: 3]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 3001 (relative sequence number)  
Sequence Number (raw): 1787088209  
[Next Sequence Number: 3001 (relative sequence number)]  
Acknowledgment Number: 365 (relative ack number)  
Acknowledgment number (raw): 2428991014  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xccc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
227	28.534319477	163.178.104.62	192.168.0.8	TLSv1.2	97	Encrypted Alert

Frame 227: 97 bytes on wire (776 bits), 97 bytes captured (776 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 83  
Identification: 0x9fbc (40892)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)



Header Checksum: 0xe147 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8  
Transmission Control Protocol, Src Port: 443, Dst Port: 51344, Seq: 138, Ack: 2019, Len: 31  
Source Port: 443  
Destination Port: 51344  
[Stream index: 2]  
[Conversation completeness: Complete, WITH\_DATA (31)]  
[TCP Segment Len: 31]  
Sequence Number: 138 (relative sequence number)  
Sequence Number (raw): 2880075893  
[Next Sequence Number: 169 (relative sequence number)]  
Acknowledgment Number: 2019 (relative ack number)  
Acknowledgment number (raw): 499123468  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x018 (PSH, ACK)  
Window: 257  
[Calculated window size: 32896]  
[Window size scaling factor: 128]  
Checksum: 0xf1e2 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (31 bytes)  
Transport Layer Security

No.	Time	Source	Destination	Protocol	Length	Info
228	28.534790773	163.178.104.62	192.168.0.8	TCP	66	443 → 51344 [FIN, ACK] Seq=169

Ack=2019 Win=32896 Len=0 TSval=784090692 TSecr=785220883  
Frame 228: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x9fbd (40893)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)  
Header Checksum: 0xe165 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8  
Transmission Control Protocol, Src Port: 443, Dst Port: 51344, Seq: 169, Ack: 2019, Len: 0  
Source Port: 443  
Destination Port: 51344  
[Stream index: 2]  
[Conversation completeness: Complete, WITH\_DATA (31)]  
[TCP Segment Len: 0]  
Sequence Number: 169 (relative sequence number)  
Sequence Number (raw): 2880075924  
[Next Sequence Number: 170 (relative sequence number)]  
Acknowledgment Number: 2019 (relative ack number)  
Acknowledgment number (raw): 499123468  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x011 (FIN, ACK)  
Window: 257  
[Calculated window size: 32896]  
[Window size scaling factor: 128]  
Checksum: 0x6ee2 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]

No.	Time	Source	Destination	Protocol	Length	Info
229	28.578503637	192.168.0.8	163.178.104.62	TCP	66	51344 → 443 [ACK] Seq=2019

Ack=170 Win=64128 Len=0 TSval=785244973 TSecr=784090692  
Frame 229: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x3b5f (15199)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x32c4 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 51344, Dst Port: 443, Seq: 2019, Ack: 170, Len: 0  
Source Port: 51344  
Destination Port: 443  
[Stream index: 2]  
[Conversation completeness: Complete, WITH\_DATA (31)]  
[TCP Segment Len: 0]  
Sequence Number: 2019 (relative sequence number)  
Sequence Number (raw): 499123468  
[Next Sequence Number: 2019 (relative sequence number)]  
Acknowledgment Number: 170 (relative ack number)  
Acknowledgment number (raw): 2880075925  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xcc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
230	28.582176361	163.178.104.62	192.168.0.8	TCP	66	[TCP Retransmission] 443 → 51344
[FIN, ACK] Seq=169 Ack=2019 Win=32896 Len=0 TSval=784090740 TSecr=785220883						
Frame 230: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0						
Ethernet II, Src: ARRISGro_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt_93:9b:ce (18:c0:4d:93:9b:ce)						
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8						

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x9fbe (40894)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)  
Header Checksum: 0xe164 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8  
Transmission Control Protocol, Src Port: 443, Dst Port: 51344, Seq: 169, Ack: 2019, Len: 0  
Source Port: 443  
Destination Port: 51344  
[Stream index: 2]  
[Conversation completeness: Complete, WITH\_DATA (31)]  
[TCP Segment Len: 0]  
Sequence Number: 169 (relative sequence number)  
Sequence Number (raw): 2880075924  
[Next Sequence Number: 170 (relative sequence number)]  
Acknowledgment Number: 2019 (relative ack number)  
Acknowledgment number (raw): 499123468  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x011 (FIN, ACK)  
Window: 257  
[Calculated window size: 32896]  
[Window size scaling factor: 128]  
Checksum: 0x6eb2 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
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231 28.582197314 192.168.0.8 163.178.104.62 TCP 78 [TCP Dup ACK 229#1] 51344 → 443  
[ACK] Seq=2019 Ack=170 Win=64128 Len=0 TSval=785244976 TSecr=784090740 SLE=169 SRE=170  
Frame 231: 78 bytes on wire (624 bits), 78 bytes captured (624 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 64  
Identification: 0x3b60 (15200)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x32b7 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 51344, Dst Port: 443, Seq: 2019, Ack: 170, Len: 0  
Source Port: 51344  
Destination Port: 443  
[Stream index: 2]  
[Conversation completeness: Complete, WITH\_DATA (31)]  
[TCP Segment Len: 0]  
Sequence Number: 2019 (relative sequence number)  
Sequence Number (raw): 499123468  
[Next Sequence Number: 2019 (relative sequence number)]  
Acknowledgment Number: 170 (relative ack number)  
Acknowledgment number (raw): 2880075925  
1011 .... = Header Length: 44 bytes (11)  
Flags: 0x010 (ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xccd3 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (24 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps, No-Operation (NOP), No-Operation (NOP),  
SACK  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
511	54.758476828	192.168.0.8	163.178.104.62	TCP	66	[TCP Keep-Alive] 51358 → 443

[ACK] Seq=3000 Ack=365 Win=64128 Len=0 TSval=785271153 TSecr=784071662  
Frame 511: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0xe722 (59170)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x8700 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 51358, Dst Port: 443, Seq: 3000, Ack: 365, Len: 0  
Source Port: 51358  
Destination Port: 443  
[Stream index: 3]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 3000 (relative sequence number)  
Sequence Number (raw): 1787088208  
[Next Sequence Number: 3000 (relative sequence number)]  
Acknowledgment Number: 365 (relative ack number)  
Acknowledgment number (raw): 2428991014  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]

Checksum: 0xccc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
512	54.771919924	163.178.104.62	192.168.0.8	TCP	66	[TCP Keep-Alive ACK] 443 → 51358

[ACK] Seq=365 Ack=3001 Win=35968 Len=0 TSval=784116929 TSecr=785225941

Frame 512: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x34a0 (13472)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 46  
Protocol: TCP (6)  
Header Checksum: 0x4b83 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8

Transmission Control Protocol, Src Port: 443, Dst Port: 51358, Seq: 365, Ack: 3001, Len: 0

Source Port: 443  
Destination Port: 51358  
[Stream index: 3]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 365 (relative sequence number)  
Sequence Number (raw): 2428991014  
[Next Sequence Number: 365 (relative sequence number)]  
Acknowledgment Number: 3001 (relative ack number)  
Acknowledgment number (raw): 1787088209  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 281  
[Calculated window size: 35968]  
[Window size scaling factor: 128]  
Checksum: 0xfcc4 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
575	66.267746123	192.168.0.8	163.178.104.62	TCP	66	51344 → 443 [FIN, ACK] Seq=2019

Ack=170 Win=64128 Len=0 TSval=785282662 TSecr=784090740

Frame 575: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x3b61 (15201)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x32c2 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62

Transmission Control Protocol, Src Port: 51344, Dst Port: 443, Seq: 2019, Ack: 170, Len: 0

Source Port: 51344  
Destination Port: 443  
[Stream index: 2]  
[Conversation completeness: Complete, WITH\_DATA (31)]  
[TCP Segment Len: 0]  
Sequence Number: 2019 (relative sequence number)  
Sequence Number (raw): 499123468  
[Next Sequence Number: 2020 (relative sequence number)]  
Acknowledgment Number: 170 (relative ack number)

Acknowledgment number (raw): 2880075925  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x011 (FIN, ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xccc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]

No.	Time	Source	Destination	Protocol	Length	Info
576	66.267822670	192.168.0.8	163.178.104.62	TCP	66	51358 → 443 [RST, ACK] Seq=3001

Ack=365 Win=64128 Len=0 TSval=785282662 TSecr=784116929  
Frame 576: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0xe723 (59171)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x86ff [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62

Transmission Control Protocol, Src Port: 51358, Dst Port: 443, Seq: 3001, Ack: 365, Len: 0

Source Port: 51358  
Destination Port: 443  
[Stream index: 3]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 3001 (relative sequence number)  
Sequence Number (raw): 1787088209  
[Next Sequence Number: 3001 (relative sequence number)]  
Acknowledgment Number: 365 (relative ack number)  
Acknowledgment number (raw): 2428991014  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x014 (RST, ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xccc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]

No.	Time	Source	Destination	Protocol	Length	Info
578	66.283910133	163.178.104.62	192.168.0.8	TCP	66	443 → 51344 [ACK] Seq=170

Ack=2020 Win=32896 Len=0 TSval=784128441 TSecr=785282662  
Frame 578: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x3ffd (16381)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)  
Header Checksum: 0x4126 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8

Transmission Control Protocol, Src Port: 443, Dst Port: 51344, Seq: 170, Ack: 2020, Len: 0

Source Port: 443  
Destination Port: 51344  
[Stream index: 2]  
[Conversation completeness: Complete, WITH\_DATA (31)]  
[TCP Segment Len: 0]

Sequence Number: 170 (relative sequence number)  
Sequence Number (raw): 2880075925  
[Next Sequence Number: 170 (relative sequence number)]  
Acknowledgment Number: 2020 (relative ack number)  
Acknowledgment number (raw): 499123469  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 257  
[Calculated window size: 32896]  
[Window size scaling factor: 128]  
Checksum: 0xea17 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
580	66.424779221	192.168.0.8	163.178.104.62	TCP	74	60714 → 443 [SYN] Seq=0 Win=64240

Len=0 MSS=1460 SACK\_PERM=1 TSval=785282819 TSecr=0 WS=128  
Frame 580: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 60  
Identification: 0x6d79 (28025)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x00a2 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 60714, Dst Port: 443, Seq: 0, Len: 0  
Source Port: 60714  
Destination Port: 443  
[Stream index: 9]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 0 (relative sequence number)  
Sequence Number (raw): 1269842222  
[Next Sequence Number: 1 (relative sequence number)]  
Acknowledgment Number: 0  
Acknowledgment number (raw): 0  
1010 .... = Header Length: 40 bytes (10)  
Flags: 0x002 (SYN)  
Window: 64240  
[Calculated window size: 64240]  
Checksum: 0xcccf [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (20 bytes), Maximum segment size, SACK permitted, Timestamps, No-Operation (NOP), Window scale  
[Timestamps]

No.	Time	Source	Destination	Protocol	Length	Info
581	66.425160909	192.168.0.8	163.178.104.62	TCP	74	60730 → 443 [SYN] Seq=0 Win=64240

Len=0 MSS=1460 SACK\_PERM=1 TSval=785282819 TSecr=0 WS=128  
Frame 581: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 60  
Identification: 0x31c7 (12743)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x3c54 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 60730, Dst Port: 443, Seq: 0, Len: 0  
Source Port: 60730

Destination Port: 443  
[Stream index: 10]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 0 (relative sequence number)  
Sequence Number (raw): 3840859420  
[Next Sequence Number: 1 (relative sequence number)]  
Acknowledgment Number: 0  
Acknowledgment number (raw): 0  
1010 .... = Header Length: 40 bytes (10)  
Flags: 0x002 (SYN)  
Window: 64240  
[Calculated window size: 64240]  
Checksum: 0xcccf [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (20 bytes), Maximum segment size, SACK permitted, Timestamps, No-Operation (NOP), Window scale  
[Timestamps]

No.	Time	Source	Destination	Protocol	Length	Info
582	66.438760522	163.178.104.62	192.168.0.8	TCP	74	443 → 60714 [SYN, ACK] Seq=0

Ack=1 Win=28960 Len=0 MSS=1460 SACK\_PERM=1 TSval=784128596 TSecr=785282819 WS=128  
Frame 582: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 60  
Identification: 0x0000 (0)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)  
Header Checksum: 0x811b [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8

Transmission Control Protocol, Src Port: 443, Dst Port: 60714, Seq: 0, Ack: 1, Len: 0

Source Port: 443  
Destination Port: 60714  
[Stream index: 9]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 0 (relative sequence number)  
Sequence Number (raw): 3983014530  
[Next Sequence Number: 1 (relative sequence number)]  
Acknowledgment Number: 1 (relative ack number)  
Acknowledgment number (raw): 1269842223  
1010 .... = Header Length: 40 bytes (10)  
Flags: 0x012 (SYN, ACK)  
Window: 28960  
[Calculated window size: 28960]  
Checksum: 0xf79b [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (20 bytes), Maximum segment size, SACK permitted, Timestamps, No-Operation (NOP), Window scale  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
583	66.438823310	192.168.0.8	163.178.104.62	TCP	66	60714 → 443 [ACK] Seq=1 Ack=1

Win=64256 Len=0 TSval=785282833 TSecr=784128596  
Frame 583: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x6d7a (28026)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x00a9 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8

Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 60714, Dst Port: 443, Seq: 1, Ack: 1, Len: 0  
Source Port: 60714  
Destination Port: 443  
[Stream index: 9]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 1 (relative sequence number)  
Sequence Number (raw): 1269842223  
[Next Sequence Number: 1 (relative sequence number)]  
Acknowledgment Number: 1 (relative ack number)  
Acknowledgment number (raw): 3983014531  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 502  
[Calculated window size: 64256]  
[Window size scaling factor: 128]  
Checksum: 0xccc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
584	66.439703113	192.168.0.8	163.178.104.62	TCP	1514	60714 → 443 [ACK] Seq=1 Ack=1 Win=64256 Len=1448 TSval=785282834 TSecr=784128596 [TCP segment of a reassembled PDU]

Frame 584: 1514 bytes on wire (12112 bits), 1514 bytes captured (12112 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 1500  
Identification: 0x6d7b (28027)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0xfaff [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62

Transmission Control Protocol, Src Port: 60714, Dst Port: 443, Seq: 1, Ack: 1, Len: 1448  
Source Port: 60714  
Destination Port: 443  
[Stream index: 9]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 1448]  
Sequence Number: 1 (relative sequence number)  
Sequence Number (raw): 1269842223  
[Next Sequence Number: 1449 (relative sequence number)]  
Acknowledgment Number: 1 (relative ack number)  
Acknowledgment number (raw): 3983014531  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 502  
[Calculated window size: 64256]  
[Window size scaling factor: 128]  
Checksum: 0xd26f [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (1448 bytes)  
[Reassembled PDU in frame: 585]  
TCP segment data (1448 bytes)

No.	Time	Source	Destination	Protocol	Length	Info
585	66.439709888	192.168.0.8	163.178.104.62	TLSv1.2	649	Client Hello

Frame 585: 649 bytes on wire (5192 bits), 649 bytes captured (5192 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 635



Identification: 0x6d7c (28028)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0xfe5f [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 60714, Dst Port: 443, Seq: 1449, Ack: 1, Len: 583  
Source Port: 60714  
Destination Port: 443  
[Stream index: 9]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 583]  
Sequence Number: 1449 (relative sequence number)  
Sequence Number (raw): 1269843671  
[Next Sequence Number: 2032 (relative sequence number)]  
Acknowledgment Number: 1 (relative ack number)  
Acknowledgment number (raw): 3983014531  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x018 (PSH, ACK)  
Window: 502  
[Calculated window size: 64256]  
[Window size scaling factor: 128]  
Checksum: 0xcf0e [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (583 bytes)  
TCP segment data (583 bytes)  
[2 Reassembled TCP Segments (2031 bytes): #584(1448), #585(583)]

Transport Layer Security

No.	Time	Source	Destination	Protocol	Length	Info
586	66.443697880	163.178.104.62	192.168.0.8	TCP	74	443 → 60730 [SYN, ACK] Seq=0

Ack=1 Win=28960 Len=0 MSS=1460 SACK\_PERM=1 TSval=784128601 TSecr=785282819 WS=128  
Frame 586: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 60  
Identification: 0x0000 (0)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)  
Header Checksum: 0x811b [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8  
Transmission Control Protocol, Src Port: 443, Dst Port: 60730, Seq: 0, Ack: 1, Len: 0  
Source Port: 443  
Destination Port: 60730  
[Stream index: 10]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 0 (relative sequence number)  
Sequence Number (raw): 548983764  
[Next Sequence Number: 1 (relative sequence number)]  
Acknowledgment Number: 1 (relative ack number)  
Acknowledgment number (raw): 3840859421  
1010 .... = Header Length: 40 bytes (10)  
Flags: 0x012 (SYN, ACK)  
Window: 28960  
[Calculated window size: 28960]  
Checksum: 0xb5b7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (20 bytes), Maximum segment size, SACK permitted, Timestamps, No-Operation (NOP), Window scale  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
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587 66.443727982 192.168.0.8 163.178.104.62 TCP 66 60730 → 443 [ACK] Seq=1 Ack=1  
Win=64256 Len=0 TSval=785282838 TSecr=784128601  
Frame 587: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x31c8 (12744)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x3c5b [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 60730, Dst Port: 443, Seq: 1, Ack: 1, Len: 0  
Source Port: 60730  
Destination Port: 443  
[Stream index: 10]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 1 (relative sequence number)  
Sequence Number (raw): 3840859421  
[Next Sequence Number: 1 (relative sequence number)]  
Acknowledgment Number: 1 (relative ack number)  
Acknowledgment number (raw): 548983765  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 502  
[Calculated window size: 64256]  
[Window size scaling factor: 128]  
Checksum: 0xcc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
588	66.444074469	192.168.0.8	163.178.104.62	TCP	1514	60730 → 443 [ACK] Seq=1 Ack=1

Win=64256 Len=1448 TSval=785282838 TSecr=784128601 [TCP segment of a reassembled PDU]  
Frame 588: 1514 bytes on wire (12112 bits), 1514 bytes captured (12112 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 1500  
Identification: 0x31c9 (12745)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x36b2 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 60730, Dst Port: 443, Seq: 1, Ack: 1, Len: 1448  
Source Port: 60730  
Destination Port: 443  
[Stream index: 10]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 1448]  
Sequence Number: 1 (relative sequence number)  
Sequence Number (raw): 3840859421  
[Next Sequence Number: 1449 (relative sequence number)]  
Acknowledgment Number: 1 (relative ack number)  
Acknowledgment number (raw): 548983765  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 502  
[Calculated window size: 64256]  
[Window size scaling factor: 128]  
Checksum: 0xd26f [unverified]

[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (1448 bytes)  
[Reassembled PDU in frame: 589]  
TCP segment data (1448 bytes)

No.	Time	Source	Destination	Protocol	Length	Info
589	66.444078241	192.168.0.8	163.178.104.62	TLSv1.2	553	Client Hello

Frame 589: 553 bytes on wire (4424 bits), 553 bytes captured (4424 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 539  
Identification: 0x31ca (12746)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x3a72 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62

Transmission Control Protocol, Src Port: 60730, Dst Port: 443, Seq: 1449, Ack: 1, Len: 487

Source Port: 60730  
Destination Port: 443  
[Stream index: 10]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 487]  
Sequence Number: 1449 (relative sequence number)  
Sequence Number (raw): 3840860869  
[Next Sequence Number: 1936 (relative sequence number)]  
Acknowledgment Number: 1 (relative ack number)  
Acknowledgment number (raw): 548983765  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x018 (PSH, ACK)  
Window: 502  
[Calculated window size: 64256]  
[Window size scaling factor: 128]  
Checksum: 0xceae [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (487 bytes)  
TCP segment data (487 bytes)

[2 Reassembled TCP Segments (1935 bytes): #588(1448), #589(487)]

Transport Layer Security

No.	Time	Source	Destination	Protocol	Length	Info
590	66.460984954	163.178.104.62	192.168.0.8	TCP	66	443 → 60714 [ACK] Seq=1 Ack=2032

Win=33024 Len=0 TSval=784128618 TSecr=785282834

Frame 590: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x20e9 (8425)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)  
Header Checksum: 0x603a [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8

Transmission Control Protocol, Src Port: 443, Dst Port: 60714, Seq: 1, Ack: 2032, Len: 0

Source Port: 443  
Destination Port: 60714  
[Stream index: 9]  
[Conversation completeness: Complete, WITH\_DATA (63)]

[TCP Segment Len: 0]  
Sequence Number: 1 (relative sequence number)  
Sequence Number (raw): 3983014531  
[Next Sequence Number: 1 (relative sequence number)]  
Acknowledgment Number: 2032 (relative ack number)  
Acknowledgment number (raw): 1269844254  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 258  
[Calculated window size: 33024]  
[Window size scaling factor: 128]  
Checksum: 0x8e72 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
591	66.461631693	163.178.104.62	192.168.0.8	TCP	66	443 → 60730 [ACK] Seq=1 Ack=1936

Win=32896 Len=0 TSval=784128618 TSecr=785282838  
Frame 591: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x09bf (2495)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)  
Header Checksum: 0x7764 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8  
Transmission Control Protocol, Src Port: 443, Dst Port: 60730, Seq: 1, Ack: 1936, Len: 0  
Source Port: 443  
Destination Port: 60730  
[Stream index: 10]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 1 (relative sequence number)  
Sequence Number (raw): 548983765  
[Next Sequence Number: 1 (relative sequence number)]  
Acknowledgment Number: 1936 (relative ack number)  
Acknowledgment number (raw): 3840861356  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 257  
[Calculated window size: 32896]  
[Window size scaling factor: 128]  
Checksum: 0x4cf0 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
592	66.462032867	163.178.104.62	192.168.0.8	TLShv1.2	203	Server Hello, Change Cipher Spec, Encrypted Handshake Message

Frame 592: 203 bytes on wire (1624 bits), 203 bytes captured (1624 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 189  
Identification: 0x20ea (8426)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)  
Header Checksum: 0x5fb0 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62

Destination Address: 192.168.0.8  
Transmission Control Protocol, Src Port: 443, Dst Port: 60714, Seq: 1, Ack: 2032, Len: 137  
Source Port: 443  
Destination Port: 60714  
[Stream index: 9]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 137]  
Sequence Number: 1 (relative sequence number)  
Sequence Number (raw): 3983014531  
[Next Sequence Number: 138 (relative sequence number)]  
Acknowledgment Number: 2032 (relative ack number)  
Acknowledgment number (raw): 1269844254  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x018 (PSH, ACK)  
Window: 258  
[Calculated window size: 33024]  
[Window size scaling factor: 128]  
Checksum: 0xc112 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (137 bytes)  
Transport Layer Security

No.	Time	Source	Destination	Protocol	Length	Info
593	66.462047673	192.168.0.8	163.178.104.62	TCP	66	60714 → 443 [ACK] Seq=2032

Ack=138 Win=64128 Len=0 TSval=785282856 TSecr=784128619  
Frame 593: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x6d7d (28029)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x00a6 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 60714, Dst Port: 443, Seq: 2032, Ack: 138, Len: 0  
Source Port: 60714  
Destination Port: 443  
[Stream index: 9]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 2032 (relative sequence number)  
Sequence Number (raw): 1269844254  
[Next Sequence Number: 2032 (relative sequence number)]  
Acknowledgment Number: 138 (relative ack number)  
Acknowledgment number (raw): 3983014668  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xccc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
594	66.462317474	192.168.0.8	163.178.104.62	TLSv1.2	117	Change Cipher Spec, Encrypted

Handshake Message  
Frame 594: 117 bytes on wire (936 bits), 117 bytes captured (936 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 103

Identification: 0x6d7e (28030)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x0072 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 60714, Dst Port: 443, Seq: 2032, Ack: 138, Len: 51  
Source Port: 60714  
Destination Port: 443  
[Stream index: 9]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 51]  
Sequence Number: 2032 (relative sequence number)  
Sequence Number (raw): 1269844254  
[Next Sequence Number: 2083 (relative sequence number)]  
Acknowledgment Number: 138 (relative ack number)  
Acknowledgment number (raw): 3983014668  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x018 (PSH, ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xccfa [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (51 bytes)

Transport Layer Security

No.	Time	Source	Destination	Protocol	Length	Info
595	66.462639377	192.168.0.8	163.178.104.62	TLSv1.2	984	Application Data

Frame 595: 984 bytes on wire (7872 bits), 984 bytes captured (7872 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 970  
Identification: 0x6d7f (28031)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0xfd0d [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 60714, Dst Port: 443, Seq: 2083, Ack: 138, Len: 918  
Source Port: 60714  
Destination Port: 443  
[Stream index: 9]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 918]  
Sequence Number: 2083 (relative sequence number)  
Sequence Number (raw): 1269844305  
[Next Sequence Number: 3001 (relative sequence number)]  
Acknowledgment Number: 138 (relative ack number)  
Acknowledgment number (raw): 3983014668  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x018 (PSH, ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xd05d [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (918 bytes)

Transport Layer Security

No.	Time	Source	Destination	Protocol	Length	Info
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596 66.462712432 163.178.104.62 192.168.0.8 TLSv1.2 203 Server Hello, Change Cipher Spec, Encrypted Handshake Message

Frame 596: 203 bytes on wire (1624 bits), 203 bytes captured (1624 bits) on interface eno1, id 0

Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)

Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

Total Length: 189

Identification: 0x09c0 (2496)

Flags: 0x40, Don't fragment

...0 0000 0000 0000 = Fragment Offset: 0

Time to Live: 45

Protocol: TCP (6)

Header Checksum: 0x76da [validation disabled]

[Header checksum status: Unverified]

Source Address: 163.178.104.62

Destination Address: 192.168.0.8

Transmission Control Protocol, Src Port: 443, Dst Port: 60730, Seq: 1, Ack: 1936, Len: 137

Source Port: 443

Destination Port: 60730

[Stream index: 10]

[Conversation completeness: Complete, WITH\_DATA (63)]

[TCP Segment Len: 137]

Sequence Number: 1 (relative sequence number)

Sequence Number (raw): 548983765

[Next Sequence Number: 138 (relative sequence number)]

Acknowledgment Number: 1936 (relative ack number)

Acknowledgment number (raw): 3840861356

1000 .... = Header Length: 32 bytes (8)

Flags: 0x018 (PSH, ACK)

Window: 257

[Calculated window size: 32896]

[Window size scaling factor: 128]

Checksum: 0xc83c [unverified]

[Checksum Status: Unverified]

Urgent Pointer: 0

Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps

[Timestamps]

[SEQ/ACK analysis]

TCP payload (137 bytes)

Transport Layer Security

No.	Time	Source	Destination	Protocol	Length	Info
597	66.462723886	192.168.0.8	163.178.104.62	TCP	66	60730 → 443 [ACK] Seq=1936

Ack=138 Win=64128 Len=0 TSval=785282857 TSecr=784128619

Frame 597: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0

Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)

Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

Total Length: 52

Identification: 0x31cb (12747)

Flags: 0x40, Don't fragment

...0 0000 0000 0000 = Fragment Offset: 0

Time to Live: 64

Protocol: TCP (6)

Header Checksum: 0x3c58 [validation disabled]

[Header checksum status: Unverified]

Source Address: 192.168.0.8

Destination Address: 163.178.104.62

Transmission Control Protocol, Src Port: 60730, Dst Port: 443, Seq: 1936, Ack: 138, Len: 0

Source Port: 60730

Destination Port: 443

[Stream index: 10]

[Conversation completeness: Complete, WITH\_DATA (63)]

[TCP Segment Len: 0]

Sequence Number: 1936 (relative sequence number)

Sequence Number (raw): 3840861356

[Next Sequence Number: 1936 (relative sequence number)]

Acknowledgment Number: 138 (relative ack number)

Acknowledgment number (raw): 548983902

1000 .... = Header Length: 32 bytes (8)

Flags: 0x010 (ACK)

Window: 501

[Calculated window size: 64128]

[Window size scaling factor: 128]  
Checksum: 0xccc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
598	66.462939838	192.168.0.8	163.178.104.62	TLsv1.2	117	Change Cipher Spec, Encrypted

Handshake Message

Frame 598: 117 bytes on wire (936 bits), 117 bytes captured (936 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 103  
Identification: 0x31cc (12748)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x3c24 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62

Transmission Control Protocol, Src Port: 60730, Dst Port: 443, Seq: 1936, Ack: 138, Len: 51

Source Port: 60730  
Destination Port: 443  
[Stream index: 10]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 51]  
Sequence Number: 1936 (relative sequence number)  
Sequence Number (raw): 3840861356  
[Next Sequence Number: 1987 (relative sequence number)]  
Acknowledgment Number: 138 (relative ack number)  
Acknowledgment number (raw): 548983902  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x018 (PSH, ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xccfa [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (51 bytes)

Transport Layer Security

No.	Time	Source	Destination	Protocol	Length	Info
599	66.474940482	163.178.104.62	192.168.0.8	TCP	66	443 → 60714 [ACK] Seq=138

Ack=3001 Win=35968 Len=0 TSval=784128633 TSecr=785282856

Frame 599: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x20eb (8427)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)  
Header Checksum: 0x6038 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8

Transmission Control Protocol, Src Port: 443, Dst Port: 60714, Seq: 138, Ack: 3001, Len: 0

Source Port: 443  
Destination Port: 60714  
[Stream index: 9]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 138 (relative sequence number)



Sequence Number (raw): 3983014668  
[Next Sequence Number: 138 (relative sequence number)]  
Acknowledgment Number: 3001 (relative ack number)  
Acknowledgment number (raw): 1269845223  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 281  
[Calculated window size: 35968]  
[Window size scaling factor: 128]  
Checksum: 0x89e4 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
600	66.474941949	163.178.104.62	192.168.0.8	TLsv1.2	261	Application Data

Frame 600: 261 bytes on wire (2088 bits), 261 bytes captured (2088 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 247  
Identification: 0x20ec (8428)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)  
Header Checksum: 0x5f74 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8

Transmission Control Protocol, Src Port: 443, Dst Port: 60714, Seq: 138, Ack: 3001, Len: 195  
Source Port: 443  
Destination Port: 60714  
[Stream index: 9]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 195]  
Sequence Number: 138 (relative sequence number)  
Sequence Number (raw): 3983014668  
[Next Sequence Number: 333 (relative sequence number)]  
Acknowledgment Number: 3001 (relative ack number)  
Acknowledgment number (raw): 1269845223  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x018 (PSH, ACK)  
Window: 281  
[Calculated window size: 35968]  
[Window size scaling factor: 128]  
Checksum: 0x1fb7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (195 bytes)

No.	Time	Source	Destination	Protocol	Length	Info
601	66.518479371	192.168.0.8	163.178.104.62	TCP	66	60714 → 443 [ACK] Seq=3001

Ack=333 Win=64128 Len=0 TSval=785282913 TSecr=784128633  
Frame 601: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x6d80 (28032)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x00a3 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62

Transmission Control Protocol, Src Port: 60714, Dst Port: 443, Seq: 3001, Ack: 333, Len: 0  
Source Port: 60714  
Destination Port: 443  
[Stream index: 9]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 3001 (relative sequence number)  
Sequence Number (raw): 1269845223  
[Next Sequence Number: 3001 (relative sequence number)]  
Acknowledgment Number: 333 (relative ack number)  
Acknowledgment number (raw): 3983014863  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xcc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
602	66.519718163	163.178.104.62	192.168.0.8	TCP	66	443 → 60730 [ACK] Seq=138

Ack=1987 Win=32896 Len=0 TSval=784128678 TSecr=785282857  
Frame 602: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x09c1 (2497)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)  
Header Checksum: 0x7762 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8

Transmission Control Protocol, Src Port: 443, Dst Port: 60730, Seq: 138, Ack: 1987, Len: 0  
Source Port: 443  
Destination Port: 60730  
[Stream index: 10]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 138 (relative sequence number)  
Sequence Number (raw): 548983902  
[Next Sequence Number: 138 (relative sequence number)]  
Acknowledgment Number: 1987 (relative ack number)  
Acknowledgment number (raw): 3840861407  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 257  
[Calculated window size: 32896]  
[Window size scaling factor: 128]  
Checksum: 0x4be5 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
689	71.480822095	163.178.104.62	192.168.0.8	TLSv1.2	97	Encrypted Alert

Frame 689: 97 bytes on wire (776 bits), 97 bytes captured (776 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 83  
Identification: 0x20ed (8429)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45

Protocol: TCP (6)  
Header Checksum: 0x6017 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8  
Transmission Control Protocol, Src Port: 443, Dst Port: 60714, Seq: 333, Ack: 3001, Len: 31  
Source Port: 443  
Destination Port: 60714  
[Stream index: 9]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 31]  
Sequence Number: 333 (relative sequence number)  
Sequence Number (raw): 3983014863  
[Next Sequence Number: 364 (relative sequence number)]  
Acknowledgment Number: 3001 (relative ack number)  
Acknowledgment number (raw): 1269845223  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x018 (PSH, ACK)  
Window: 281  
[Calculated window size: 35968]  
[Window size scaling factor: 128]  
Checksum: 0x9e71 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (31 bytes)  
Transport Layer Security

No.	Time	Source	Destination	Protocol	Length	Info
690	71.480854991	192.168.0.8	163.178.104.62	TCP	66	60714 → 443 [ACK] Seq=3001

Ack=364 Win=64128 Len=0 TSval=785287875 TSecr=784133639  
Frame 690: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x6d81 (28033)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x00a2 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 60714, Dst Port: 443, Seq: 3001, Ack: 364, Len: 0  
Source Port: 60714  
Destination Port: 443  
[Stream index: 9]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 3001 (relative sequence number)  
Sequence Number (raw): 1269845223  
[Next Sequence Number: 3001 (relative sequence number)]  
Acknowledgment Number: 364 (relative ack number)  
Acknowledgment number (raw): 3983014894  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xcc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
691	71.481429653	163.178.104.62	192.168.0.8	TCP	66	443 → 60714 [FIN, ACK] Seq=364

Ack=3001 Win=35968 Len=0 TSval=784133639 TSecr=785282913  
Frame 691: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8

0100 .... = Version: 4						
.... 0101 = Header Length: 20 bytes (5)						
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)						
Total Length: 52						
Identification: 0x20ee (8430)						
Flags: 0x40, Don't fragment						
...0 0000 0000 0000 = Fragment Offset: 0						
Time to Live: 45						
Protocol: TCP (6)						
Header Checksum: 0x6035 [validation disabled]						
[Header checksum status: Unverified]						
Source Address: 163.178.104.62						
Destination Address: 192.168.0.8						
Transmission Control Protocol, Src Port: 443, Dst Port: 60714, Seq: 364, Ack: 3001, Len: 0						
Source Port: 443						
Destination Port: 60714						
[Stream index: 9]						
[Conversation completeness: Complete, WITH_DATA (63)]						
[TCP Segment Len: 0]						
Sequence Number: 364 (relative sequence number)						
Sequence Number (raw): 3983014894						
[Next Sequence Number: 365 (relative sequence number)]						
Acknowledgment Number: 3001 (relative ack number)						
Acknowledgment number (raw): 1269845223						
1000 .... = Header Length: 32 bytes (8)						
Flags: 0x011 (FIN, ACK)						
Window: 281						
[Calculated window size: 35968]						
[Window size scaling factor: 128]						
Checksum: 0x753a [unverified]						
[Checksum Status: Unverified]						
Urgent Pointer: 0						
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps						
[Timestamps]						
No.	Time	Source	Destination	Protocol	Length	Info
692	71.526461420	192.168.0.8	163.178.104.62	TCP	66	60714 → 443 [ACK] Seq=3001
Ack=365 Win=64128 Len=0 TSval=785287921 TSecr=784133639						
Frame 692: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0						
Ethernet II, Src: Giga-Byt_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro_d9:7e:21 (50:a5:dc:d9:7e:21)						
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62						
0100 .... = Version: 4						
.... 0101 = Header Length: 20 bytes (5)						
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)						
Total Length: 52						
Identification: 0x6d82 (28034)						
Flags: 0x40, Don't fragment						
...0 0000 0000 0000 = Fragment Offset: 0						
Time to Live: 64						
Protocol: TCP (6)						
Header Checksum: 0x00a1 [validation disabled]						
[Header checksum status: Unverified]						
Source Address: 192.168.0.8						
Destination Address: 163.178.104.62						
Transmission Control Protocol, Src Port: 60714, Dst Port: 443, Seq: 3001, Ack: 365, Len: 0						
Source Port: 60714						
Destination Port: 443						
[Stream index: 9]						
[Conversation completeness: Complete, WITH_DATA (63)]						
[TCP Segment Len: 0]						
Sequence Number: 3001 (relative sequence number)						
Sequence Number (raw): 1269845223						
[Next Sequence Number: 3001 (relative sequence number)]						
Acknowledgment Number: 365 (relative ack number)						
Acknowledgment number (raw): 3983014895						
1000 .... = Header Length: 32 bytes (8)						
Flags: 0x010 (ACK)						
Window: 501						
[Calculated window size: 64128]						
[Window size scaling factor: 128]						
Checksum: 0xccc7 [unverified]						
[Checksum Status: Unverified]						
Urgent Pointer: 0						
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps						
[Timestamps]						
[SEQ/ACK analysis]						
No.	Time	Source	Destination	Protocol	Length	Info

832 90.439113343 163.178.104.62 192.168.0.8 TLSv1.2 97 Encrypted Alert

Frame 832: 97 bytes on wire (776 bits), 97 bytes captured (776 bits) on interface eno1, id 0

Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)

Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

Total Length: 83

Identification: 0x09c2 (2498)

Flags: 0x40, Don't fragment

...0 0000 0000 0000 = Fragment Offset: 0

Time to Live: 45

Protocol: TCP (6)

Header Checksum: 0x7742 [validation disabled]

[Header checksum status: Unverified]

Source Address: 163.178.104.62

Destination Address: 192.168.0.8

Transmission Control Protocol, Src Port: 443, Dst Port: 60730, Seq: 138, Ack: 1987, Len: 31

Source Port: 443

Destination Port: 60730

[Stream index: 10]

[Conversation completeness: Complete, WITH\_DATA (63)]

[TCP Segment Len: 31]

Sequence Number: 138 (relative sequence number)

Sequence Number (raw): 548983902

[Next Sequence Number: 169 (relative sequence number)]

Acknowledgment Number: 1987 (relative ack number)

Acknowledgment number (raw): 3840861407

1000 .... = Header Length: 32 bytes (8)

Flags: 0x018 (PSH, ACK)

Window: 257

[Calculated window size: 32896]

[Window size scaling factor: 128]

Checksum: 0x1e76 [unverified]

[Checksum Status: Unverified]

Urgent Pointer: 0

Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps

[Timestamps]

[SEQ/ACK analysis]

TCP payload (31 bytes)

Transport Layer Security

No.	Time	Source	Destination	Protocol	Length	Info
833	90.439558657	163.178.104.62	192.168.0.8	TCP	66	443 → 60730 [FIN, ACK] Seq=169

Ack=1987 Win=32896 Len=0 TSval=784152597 TSecr=785282857

Frame 833: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0

Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)

Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

Total Length: 52

Identification: 0x09c3 (2499)

Flags: 0x40, Don't fragment

...0 0000 0000 0000 = Fragment Offset: 0

Time to Live: 45

Protocol: TCP (6)

Header Checksum: 0x7760 [validation disabled]

[Header checksum status: Unverified]

Source Address: 163.178.104.62

Destination Address: 192.168.0.8

Transmission Control Protocol, Src Port: 443, Dst Port: 60730, Seq: 169, Ack: 1987, Len: 0

Source Port: 443

Destination Port: 60730

[Stream index: 10]

[Conversation completeness: Complete, WITH\_DATA (63)]

[TCP Segment Len: 0]

Sequence Number: 169 (relative sequence number)

Sequence Number (raw): 548983933

[Next Sequence Number: 170 (relative sequence number)]

Acknowledgment Number: 1987 (relative ack number)

Acknowledgment number (raw): 3840861407

1000 .... = Header Length: 32 bytes (8)

Flags: 0x011 (FIN, ACK)

Window: 257

[Calculated window size: 32896]

[Window size scaling factor: 128]

Checksum: 0xee55 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]

No.	Time	Source	Destination	Protocol	Length	Info
834	90.474942137	163.178.104.62	192.168.0.8	TCP	66	[TCP Retransmission] 443 → 60730

[FIN, ACK] Seq=169 Ack=1987 Win=32896 Len=0 TSval=784152633 TSecr=785282857  
Frame 834: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x09c4 (2500)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)  
Header Checksum: 0x775f [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8  
Transmission Control Protocol, Src Port: 443, Dst Port: 60730, Seq: 169, Ack: 1987, Len: 0  
Source Port: 443  
Destination Port: 60730  
[Stream index: 10]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 169 (relative sequence number)  
Sequence Number (raw): 548983933  
[Next Sequence Number: 170 (relative sequence number)]  
Acknowledgment Number: 1987 (relative ack number)  
Acknowledgment number (raw): 3840861407  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x011 (FIN, ACK)  
Window: 257  
[Calculated window size: 32896]  
[Window size scaling factor: 128]  
Checksum: 0xee31 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
835	90.474964626	192.168.0.8	163.178.104.62	TCP	78	60730 → 443 [ACK] Seq=1987

Ack=170 Win=64128 Len=0 TSval=785306869 TSecr=784152597 SLE=169 SRE=170  
Frame 835: 78 bytes on wire (624 bits), 78 bytes captured (624 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 64  
Identification: 0x31cd (12749)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x3c4a [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 60730, Dst Port: 443, Seq: 1987, Ack: 170, Len: 0  
Source Port: 60730  
Destination Port: 443  
[Stream index: 10]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 1987 (relative sequence number)  
Sequence Number (raw): 3840861407  
[Next Sequence Number: 1987 (relative sequence number)]  
Acknowledgment Number: 170 (relative ack number)  
Acknowledgment number (raw): 548983934

1011 .... = Header Length: 44 bytes (11)  
Flags: 0x010 (ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xccd3 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (24 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps, No-Operation (NOP), No-Operation (NOP),  
SACK  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
1089	116.710888661	192.168.0.8	163.178.104.62	TCP	66	[TCP Keep-Alive] 60714 → 443

[ACK] Seq=3000 Ack=365 Win=64128 Len=0 TSval=785333105 TSecr=784133639  
Frame 1089: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x6d83 (28035)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x00a0 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 60714, Dst Port: 443, Seq: 3000, Ack: 365, Len: 0  
Source Port: 60714  
Destination Port: 443  
[Stream index: 9]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 3000 (relative sequence number)  
Sequence Number (raw): 1269845222  
[Next Sequence Number: 3000 (relative sequence number)]  
Acknowledgment Number: 365 (relative ack number)  
Acknowledgment number (raw): 3983014895  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xccc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
1090	116.722678591	163.178.104.62	192.168.0.8	TCP	66	[TCP Keep-Alive ACK] 443 → 60714

[ACK] Seq=365 Ack=3001 Win=35968 Len=0 TSval=784178881 TSecr=785287921  
Frame 1090: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0xf40b (62475)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)  
Header Checksum: 0x8d17 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8  
Transmission Control Protocol, Src Port: 443, Dst Port: 60714, Seq: 365, Ack: 3001, Len: 0  
Source Port: 443  
Destination Port: 60714  
[Stream index: 9]

[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 365 (relative sequence number)  
Sequence Number (raw): 3983014895  
[Next Sequence Number: 365 (relative sequence number)]  
Acknowledgment Number: 3001 (relative ack number)  
Acknowledgment number (raw): 1269845223  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 281  
[Calculated window size: 35968]  
[Window size scaling factor: 128]  
Checksum: 0xb0ef [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
1252	135.910505103	192.168.0.8	163.178.104.62	TCP	66	[TCP Keep-Alive] 60730 → 443

[ACK] Seq=1986 Ack=170 Win=64128 Len=0 TSval=785352305 TSecr=784152597  
Frame 1252: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x31ce (12750)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x3c55 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62

Transmission Control Protocol, Src Port: 60730, Dst Port: 443, Seq: 1986, Ack: 170, Len: 0  
Source Port: 60730  
Destination Port: 443  
[Stream index: 10]

[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 1986 (relative sequence number)  
Sequence Number (raw): 3840861406  
[Next Sequence Number: 1986 (relative sequence number)]  
Acknowledgment Number: 170 (relative ack number)  
Acknowledgment number (raw): 548983934  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xccc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
1253	135.923053311	163.178.104.62	192.168.0.8	TCP	66	[TCP Keep-Alive ACK] 443 → 60730

[ACK] Seq=170 Ack=1987 Win=32896 Len=0 TSval=784198081 TSecr=785306869  
Frame 1253: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0xf5a1 (62881)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)  
Header Checksum: 0x8b81 [validation disabled]  
[Header checksum status: Unverified]





Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)  
Header Checksum: 0x5e7c [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8  
Transmission Control Protocol, Src Port: 443, Dst Port: 60714, Seq: 365, Len: 0  
Source Port: 443  
Destination Port: 60714  
[Stream index: 9]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 365 (relative sequence number)  
Sequence Number (raw): 3983014895  
[Next Sequence Number: 365 (relative sequence number)]  
Acknowledgment Number: 0  
Acknowledgment number (raw): 0  
0101 .... = Header Length: 20 bytes (5)  
Flags: 0x004 (RST)  
Window: 0  
[Calculated window size: 0]  
[Window size scaling factor: 128]  
Checksum: 0x0b02 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
[Timestamps]

No.	Time	Source	Destination	Protocol	Length	Info
1670	180.966489819	192.168.0.8	163.178.104.62	TCP	66	[TCP Keep-Alive] 60730 → 443

[ACK] Seq=1986 Ack=170 Win=64128 Len=0 TSval=785397361 TSecr=784198081  
Frame 1670: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x31cf (12751)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x3c54 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 60730, Dst Port: 443, Seq: 1986, Ack: 170, Len: 0  
Source Port: 60730  
Destination Port: 443  
[Stream index: 10]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 1986 (relative sequence number)  
Sequence Number (raw): 3840861406  
[Next Sequence Number: 1986 (relative sequence number)]  
Acknowledgment Number: 170 (relative ack number)  
Acknowledgment number (raw): 548983934  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xcc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
1671	180.977808664	163.178.104.62	192.168.0.8	TCP	60	443 → 60730 [RST] Seq=170 Win=0 Len=0

Frame 1671: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8  
0100 .... = Version: 4



Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62						
0100 .... = Version: 4						
.... 0101 = Header Length: 20 bytes (5)						
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)						
Total Length: 60						
Identification: 0x802b (32811)						
Flags: 0x40, Don't fragment						
...0 0000 0000 0000 = Fragment Offset: 0						
Time to Live: 64						
Protocol: TCP (6)						
Header Checksum: 0xedef [validation disabled]						
[Header checksum status: Unverified]						
Source Address: 192.168.0.8						
Destination Address: 163.178.104.62						
Transmission Control Protocol, Src Port: 44938, Dst Port: 443, Seq: 0, Len: 0						
Source Port: 44938						
Destination Port: 443						
[Stream index: 14]						
[Conversation completeness: Complete, WITH_DATA (63)]						
[TCP Segment Len: 0]						
Sequence Number: 0 (relative sequence number)						
Sequence Number (raw): 705831290						
[Next Sequence Number: 1 (relative sequence number)]						
Acknowledgment Number: 0						
Acknowledgment number (raw): 0						
1010 .... = Header Length: 40 bytes (10)						
Flags: 0x002 (SYN)						
Window: 64240						
[Calculated window size: 64240]						
Checksum: 0xcccf [unverified]						
[Checksum Status: Unverified]						
Urgent Pointer: 0						
Options: (20 bytes), Maximum segment size, SACK permitted, Timestamps, No-Operation (NOP), Window scale						
[Timestamps]						
No.	Time	Source	Destination	Protocol	Length	Info
1896	208.290589963	163.178.104.62	192.168.0.8	TCP	74	443 → 44926 [SYN, ACK] Seq=0
Ack=1 Win=28960 Len=0 MSS=1460 SACK_PERM=1 TSval=784270448 TSecr=785424667 WS=128						
Frame 1896: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface eno1, id 0						
Ethernet II, Src: ARRISGro_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt_93:9b:ce (18:c0:4d:93:9b:ce)						
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8						
0100 .... = Version: 4						
.... 0101 = Header Length: 20 bytes (5)						
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)						
Total Length: 60						
Identification: 0x0000 (0)						
Flags: 0x40, Don't fragment						
...0 0000 0000 0000 = Fragment Offset: 0						
Time to Live: 45						
Protocol: TCP (6)						
Header Checksum: 0x811b [validation disabled]						
[Header checksum status: Unverified]						
Source Address: 163.178.104.62						
Destination Address: 192.168.0.8						
Transmission Control Protocol, Src Port: 443, Dst Port: 44926, Seq: 0, Ack: 1, Len: 0						
Source Port: 443						
Destination Port: 44926						
[Stream index: 13]						
[Conversation completeness: Complete, WITH_DATA (63)]						
[TCP Segment Len: 0]						
Sequence Number: 0 (relative sequence number)						
Sequence Number (raw): 3228033519						
[Next Sequence Number: 1 (relative sequence number)]						
Acknowledgment Number: 1 (relative ack number)						
Acknowledgment number (raw): 1462614209						
1010 .... = Header Length: 40 bytes (10)						
Flags: 0x012 (SYN, ACK)						
Window: 28960						
[Calculated window size: 28960]						
Checksum: 0xa393 [unverified]						
[Checksum Status: Unverified]						
Urgent Pointer: 0						
Options: (20 bytes), Maximum segment size, SACK permitted, Timestamps, No-Operation (NOP), Window scale						
[Timestamps]						
[SEQ/ACK analysis]						
No.	Time	Source	Destination	Protocol	Length	Info

1897 208.290628865 192.168.0.8 163.178.104.62 TCP 66 44926 → 443 [ACK] Seq=1 Ack=1  
Win=64256 Len=0 TSval=785424685 TSecr=784270448  
Frame 1897: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x2648 (9800)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x47db [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 44926, Dst Port: 443, Seq: 1, Ack: 1, Len: 0  
Source Port: 44926  
Destination Port: 443  
[Stream index: 13]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 1 (relative sequence number)  
Sequence Number (raw): 1462614209  
[Next Sequence Number: 1 (relative sequence number)]  
Acknowledgment Number: 1 (relative ack number)  
Acknowledgment number (raw): 3228033520  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 502  
[Calculated window size: 64256]  
[Window size scaling factor: 128]  
Checksum: 0xcc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
1898	208.291214772	192.168.0.8	163.178.104.62	TCP	1514	44926 → 443 [ACK] Seq=1 Ack=1

Win=64256 Len=1448 TSval=785424685 TSecr=784270448 [TCP segment of a reassembled PDU]  
Frame 1898: 1514 bytes on wire (12112 bits), 1514 bytes captured (12112 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 1500  
Identification: 0x2649 (9801)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x4232 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 44926, Dst Port: 443, Seq: 1, Ack: 1, Len: 1448  
Source Port: 44926  
Destination Port: 443  
[Stream index: 13]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 1448]  
Sequence Number: 1 (relative sequence number)  
Sequence Number (raw): 1462614209  
[Next Sequence Number: 1449 (relative sequence number)]  
Acknowledgment Number: 1 (relative ack number)  
Acknowledgment number (raw): 3228033520  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 502  
[Calculated window size: 64256]  
[Window size scaling factor: 128]  
Checksum: 0xd26f [unverified]

[Checksum Status: Unverified]  
 Urgent Pointer: 0  
 Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
 [Timestamps]  
 [SEQ/ACK analysis]  
 TCP payload (1448 bytes)  
 [Reassembled PDU in frame: 1899]  
 TCP segment data (1448 bytes)

No.	Time	Source	Destination	Protocol	Length	Info
1899	208.291220848	192.168.0.8	163.178.104.62	TLSv1.2	585	Client Hello

Frame 1899: 585 bytes on wire (4680 bits), 585 bytes captured (4680 bits) on interface eno1, id 0  
 Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
 Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4  
 .... 0101 = Header Length: 20 bytes (5)  
 Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
 Total Length: 571  
 Identification: 0x264a (9802)  
 Flags: 0x40, Don't fragment  
 ...0 0000 0000 0000 = Fragment Offset: 0  
 Time to Live: 64  
 Protocol: TCP (6)  
 Header Checksum: 0x45d2 [validation disabled]  
 [Header checksum status: Unverified]  
 Source Address: 192.168.0.8  
 Destination Address: 163.178.104.62

Transmission Control Protocol, Src Port: 44926, Dst Port: 443, Seq: 1449, Ack: 1, Len: 519

Source Port: 44926  
 Destination Port: 443  
 [Stream index: 13]  
 [Conversation completeness: Complete, WITH\_DATA (63)]  
 [TCP Segment Len: 519]  
 Sequence Number: 1449 (relative sequence number)  
 Sequence Number (raw): 1462615657  
 [Next Sequence Number: 1968 (relative sequence number)]  
 Acknowledgment Number: 1 (relative ack number)  
 Acknowledgment number (raw): 3228033520  
 1000 .... = Header Length: 32 bytes (8)  
 Flags: 0x018 (PSH, ACK)  
 Window: 502  
 [Calculated window size: 64256]  
 [Window size scaling factor: 128]  
 Checksum: 0xcece [unverified]  
 [Checksum Status: Unverified]  
 Urgent Pointer: 0  
 Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
 [Timestamps]  
 [SEQ/ACK analysis]  
 TCP payload (519 bytes)  
 TCP segment data (519 bytes)

[2 Reassembled TCP Segments (1967 bytes): #1898(1448), #1899(519)]

Transport Layer Security

No.	Time	Source	Destination	Protocol	Length	Info
1900	208.291462293	163.178.104.62	192.168.0.8	TCP	74	443 → 44938 [SYN, ACK] Seq=0

Ack=1 Win=28960 Len=0 MSS=1460 SACK\_PERM=1 TSval=784270450 TSecr=785424668 WS=128  
 Frame 1900: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface eno1, id 0  
 Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
 Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8

0100 .... = Version: 4  
 .... 0101 = Header Length: 20 bytes (5)  
 Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
 Total Length: 60  
 Identification: 0x0000 (0)  
 Flags: 0x40, Don't fragment  
 ...0 0000 0000 0000 = Fragment Offset: 0  
 Time to Live: 45  
 Protocol: TCP (6)  
 Header Checksum: 0x811b [validation disabled]  
 [Header checksum status: Unverified]  
 Source Address: 163.178.104.62  
 Destination Address: 192.168.0.8

Transmission Control Protocol, Src Port: 443, Dst Port: 44938, Seq: 0, Ack: 1, Len: 0

Source Port: 443  
 Destination Port: 44938  
 [Stream index: 14]  
 [Conversation completeness: Complete, WITH\_DATA (63)]

[TCP Segment Len: 0]  
Sequence Number: 0 (relative sequence number)  
Sequence Number (raw): 2793874343  
[Next Sequence Number: 1 (relative sequence number)]  
Acknowledgment Number: 1 (relative ack number)  
Acknowledgment number (raw): 705831291  
1010 .... = Header Length: 40 bytes (10)  
Flags: 0x012 (SYN, ACK)  
Window: 28960  
[Calculated window size: 28960]  
Checksum: 0x400f [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (20 bytes), Maximum segment size, SACK permitted, Timestamps, No-Operation (NOP), Window scale  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
1901	208.291489532	192.168.0.8	163.178.104.62	TCP	66	44938 → 443 [ACK] Seq=1 Ack=1

Win=64256 Len=0 TSval=785424686 TSecr=784270450  
Frame 1901: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x802c (32812)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0xedf6 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 44938, Dst Port: 443, Seq: 1, Ack: 1, Len: 0

Source Port: 44938  
Destination Port: 443  
[Stream index: 14]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 1 (relative sequence number)  
Sequence Number (raw): 705831291  
[Next Sequence Number: 1 (relative sequence number)]  
Acknowledgment Number: 1 (relative ack number)  
Acknowledgment number (raw): 2793874344  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 502  
[Calculated window size: 64256]  
[Window size scaling factor: 128]  
Checksum: 0xccc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
1902	208.291986878	192.168.0.8	163.178.104.62	TCP	1514	44938 → 443 [ACK] Seq=1 Ack=1

Win=64256 Len=1448 TSval=785424686 TSecr=784270450 [TCP segment of a reassembled PDU]  
Frame 1902: 1514 bytes on wire (12112 bits), 1514 bytes captured (12112 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 1500  
Identification: 0x802d (32813)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0xe84d [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62

Transmission Control Protocol, Src Port: 44938, Dst Port: 443, Seq: 1, Ack: 1, Len: 1448  
Source Port: 44938  
Destination Port: 443  
[Stream index: 14]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 1448]  
Sequence Number: 1 (relative sequence number)  
Sequence Number (raw): 705831291  
[Next Sequence Number: 1449 (relative sequence number)]  
Acknowledgment Number: 1 (relative ack number)  
Acknowledgment number (raw): 2793874344  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 502  
[Calculated window size: 64256]  
[Window size scaling factor: 128]  
Checksum: 0xd26f [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (1448 bytes)  
[Reassembled PDU in frame: 1903]  
TCP segment data (1448 bytes)

No.	Time	Source	Destination	Protocol	Length	Info
1903	208.291991558	192.168.0.8	163.178.104.62	TLSv1.2	649	Client Hello

Frame 1903: 649 bytes on wire (5192 bits), 649 bytes captured (5192 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 635  
Identification: 0x802e (32814)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0xebad [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62

Transmission Control Protocol, Src Port: 44938, Dst Port: 443, Seq: 1449, Ack: 1, Len: 583  
Source Port: 44938  
Destination Port: 443  
[Stream index: 14]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 583]  
Sequence Number: 1449 (relative sequence number)  
Sequence Number (raw): 705832739  
[Next Sequence Number: 2032 (relative sequence number)]  
Acknowledgment Number: 1 (relative ack number)  
Acknowledgment number (raw): 2793874344  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x018 (PSH, ACK)  
Window: 502  
[Calculated window size: 64256]  
[Window size scaling factor: 128]  
Checksum: 0xcf0e [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (583 bytes)  
TCP segment data (583 bytes)

[2 Reassembled TCP Segments (2031 bytes): #1902(1448), #1903(583)]

Transport Layer Security

No.	Time	Source	Destination	Protocol	Length	Info
1904	208.310713332	163.178.104.62	192.168.0.8	TCP	66	443 → 44926 [ACK] Seq=1 Ack=1968

Win=32896 Len=0 TSval=784270468 TSecr=785424685  
Frame 1904: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8  
0100 .... = Version: 4



.... 0101 = Header Length: 20 bytes (5)						
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)						
Total Length: 52						
Identification: 0xe574 (58740)						
Flags: 0x40, Don't fragment						
...0 0000 0000 0000 = Fragment Offset: 0						
Time to Live: 45						
Protocol: TCP (6)						
Header Checksum: 0x9bae [validation disabled]						
[Header checksum status: Unverified]						
Source Address: 163.178.104.62						
Destination Address: 192.168.0.8						
Transmission Control Protocol, Src Port: 443, Dst Port: 44926, Seq: 1, Ack: 1968, Len: 0						
Source Port: 443						
Destination Port: 44926						
[Stream index: 13]						
[Conversation completeness: Complete, WITH_DATA (63)]						
[TCP Segment Len: 0]						
Sequence Number: 1 (relative sequence number)						
Sequence Number (raw): 3228033520						
[Next Sequence Number: 1 (relative sequence number)]						
Acknowledgment Number: 1968 (relative ack number)						
Acknowledgment number (raw): 1462616176						
1000 .... = Header Length: 32 bytes (8)						
Flags: 0x010 (ACK)						
Window: 257						
[Calculated window size: 32896]						
[Window size scaling factor: 128]						
Checksum: 0x3aaa [unverified]						
[Checksum Status: Unverified]						
Urgent Pointer: 0						
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps						
[Timestamps]						
[SEQ/ACK analysis]						
No.	Time	Source	Destination	Protocol	Length	Info
	1905.208.311555281	163.178.104.62	192.168.0.8	TCP	66	443 → 44938 [ACK] Seq=1 Ack=2032
Win=33024 Len=0 TSval=784270469 TSecr=785424686						
Frame 1905: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0						
Ethernet II, Src: ARRISGro_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt_93:9b:ce (18:c0:4d:93:9b:ce)						
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8						
0100 .... = Version: 4						
.... 0101 = Header Length: 20 bytes (5)						
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)						
Total Length: 52						
Identification: 0x272d (10029)						
Flags: 0x40, Don't fragment						
...0 0000 0000 0000 = Fragment Offset: 0						
Time to Live: 45						
Protocol: TCP (6)						
Header Checksum: 0x59f6 [validation disabled]						
[Header checksum status: Unverified]						
Source Address: 163.178.104.62						
Destination Address: 192.168.0.8						
Transmission Control Protocol, Src Port: 443, Dst Port: 44938, Seq: 1, Ack: 2032, Len: 0						
Source Port: 443						
Destination Port: 44938						
[Stream index: 14]						
[Conversation completeness: Complete, WITH_DATA (63)]						
[TCP Segment Len: 0]						
Sequence Number: 1 (relative sequence number)						
Sequence Number (raw): 2793874344						
[Next Sequence Number: 1 (relative sequence number)]						
Acknowledgment Number: 2032 (relative ack number)						
Acknowledgment number (raw): 705833322						
1000 .... = Header Length: 32 bytes (8)						
Flags: 0x010 (ACK)						
Window: 258						
[Calculated window size: 33024]						
[Window size scaling factor: 128]						
Checksum: 0xd6e5 [unverified]						
[Checksum Status: Unverified]						
Urgent Pointer: 0						
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps						
[Timestamps]						
[SEQ/ACK analysis]						
No.	Time	Source	Destination	Protocol	Length	Info

1906 208.315644195 163.178.104.62 192.168.0.8 TLSv1.2 1514 Server Hello

Frame 1906: 1514 bytes on wire (12112 bits), 1514 bytes captured (12112 bits) on interface eno1, id 0

Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)

Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

Total Length: 1500

Identification: 0xe575 (58741)

Flags: 0x40, Don't fragment

...0 0000 0000 0000 = Fragment Offset: 0

Time to Live: 45

Protocol: TCP (6)

Header Checksum: 0x9605 [validation disabled]

[Header checksum status: Unverified]

Source Address: 163.178.104.62

Destination Address: 192.168.0.8

Transmission Control Protocol, Src Port: 443, Dst Port: 44926, Seq: 1, Ack: 1968, Len: 1448

Source Port: 443

Destination Port: 44926

[Stream index: 13]

[Conversation completeness: Complete, WITH\_DATA (63)]

[TCP Segment Len: 1448]

Sequence Number: 1 (relative sequence number)

Sequence Number (raw): 3228033520

[Next Sequence Number: 1449 (relative sequence number)]

Acknowledgment Number: 1968 (relative ack number)

Acknowledgment number (raw): 1462616176

1000 .... = Header Length: 32 bytes (8)

Flags: 0x010 (ACK)

Window: 257

[Calculated window size: 32896]

[Window size scaling factor: 128]

Checksum: 0xf25e [unverified]

[Checksum Status: Unverified]

Urgent Pointer: 0

Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps

[Timestamps]

[SEQ/ACK analysis]

TCP payload (1448 bytes)

TCP segment data (1378 bytes)

Transport Layer Security

No.	Time	Source	Destination	Protocol	Length	Info
1907	208.315657116	192.168.0.8	163.178.104.62	TCP	66	44926 → 443 [ACK] Seq=1968

Ack=1449 Win=64128 Len=0 TSval=785424710 TSecr=784270472

Frame 1907: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0

Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)

Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

Total Length: 52

Identification: 0x264b (9803)

Flags: 0x40, Don't fragment

...0 0000 0000 0000 = Fragment Offset: 0

Time to Live: 64

Protocol: TCP (6)

Header Checksum: 0x47d8 [validation disabled]

[Header checksum status: Unverified]

Source Address: 192.168.0.8

Destination Address: 163.178.104.62

Transmission Control Protocol, Src Port: 44926, Dst Port: 443, Seq: 1968, Ack: 1449, Len: 0

Source Port: 44926

Destination Port: 443

[Stream index: 13]

[Conversation completeness: Complete, WITH\_DATA (63)]

[TCP Segment Len: 0]

Sequence Number: 1968 (relative sequence number)

Sequence Number (raw): 1462616176

[Next Sequence Number: 1968 (relative sequence number)]

Acknowledgment Number: 1449 (relative ack number)

Acknowledgment number (raw): 3228034968

1000 .... = Header Length: 32 bytes (8)

Flags: 0x010 (ACK)

Window: 501

[Calculated window size: 64128]

```
[Window size scaling factor: 128]
Checksum: 0xccc7 [unverified]
[Checksum Status: Unverified]
Urgent Pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[Timestamps]
[SEQ/ACK analysis]
No.      Time      Source      Destination      Protocol Length Info
1908 208.315688615 163.178.104.62 192.168.0.8      TLSv1.2 1614 Certificate, Server Key Exchange,
Server Hello Done
Frame 1908: 1614 bytes on wire (12912 bits), 1614 bytes captured (12912 bits) on interface eno1, id 0
Ethernet II, Src: ARRISGro_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt_93:9b:ce (18:c0:4d:93:9b:ce)
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 1600
  Identification: 0xe576 (58742)
  Flags: 0x40, Don't fragment
  ...0 0000 0000 0000 = Fragment Offset: 0
  Time to Live: 45
  Protocol: TCP (6)
  Header Checksum: 0x95a0 [validation disabled]
  [Header checksum status: Unverified]
  Source Address: 163.178.104.62
  Destination Address: 192.168.0.8
Transmission Control Protocol, Src Port: 443, Dst Port: 44926, Seq: 1449, Ack: 1968, Len: 1548
  Source Port: 443
  Destination Port: 44926
  [Stream index: 13]
  [Conversation completeness: Complete, WITH_DATA (63)]
  [TCP Segment Len: 1548]
  Sequence Number: 1449 (relative sequence number)
  Sequence Number (raw): 3228034968
  [Next Sequence Number: 2997 (relative sequence number)]
  Acknowledgment Number: 1968 (relative ack number)
  Acknowledgment number (raw): 1462616176
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x018 (PSH, ACK)
  Window: 257
  [Calculated window size: 32896]
  [Window size scaling factor: 128]
  Checksum: 0xd2d3 [unverified]
  [Checksum Status: Unverified]
  Urgent Pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  [Timestamps]
  [SEQ/ACK analysis]
  TCP payload (1548 bytes)
  TCP segment data (1201 bytes)
[2 Reassembled TCP Segments (2579 bytes): #1906(1378), #1908(1201)]
Transport Layer Security
Transport Layer Security
No.      Time      Source      Destination      Protocol Length Info
1909 208.315700837 192.168.0.8 163.178.104.62    TCP      66      44926 → 443 [ACK] Seq=1968
Ack=2997 Win=62720 Len=0 TSval=785424710 TSecr=784270472
Frame 1909: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0
Ethernet II, Src: Giga-Byt_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro_d9:7e:21 (50:a5:dc:d9:7e:21)
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0x264c (9804)
  Flags: 0x40, Don't fragment
  ...0 0000 0000 0000 = Fragment Offset: 0
  Time to Live: 64
  Protocol: TCP (6)
  Header Checksum: 0x47d7 [validation disabled]
  [Header checksum status: Unverified]
  Source Address: 192.168.0.8
  Destination Address: 163.178.104.62
Transmission Control Protocol, Src Port: 44926, Dst Port: 443, Seq: 1968, Ack: 2997, Len: 0
  Source Port: 44926
  Destination Port: 443
  [Stream index: 13]
```

[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 1968 (relative sequence number)  
Sequence Number (raw): 1462616176  
[Next Sequence Number: 1968 (relative sequence number)]  
Acknowledgment Number: 2997 (relative ack number)  
Acknowledgment number (raw): 3228036516  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 490  
[Calculated window size: 62720]  
[Window size scaling factor: 128]  
Checksum: 0xcc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
1910	208.316328649	192.168.0.8	163.178.104.62	TLSv1.2	192	Client Key Exchange, Change Cipher Spec, Encrypted Handshake Message

Frame 1910: 192 bytes on wire (1536 bits), 192 bytes captured (1536 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 178  
Identification: 0x264d (9805)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x4758 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 44926, Dst Port: 443, Seq: 1968, Ack: 2997, Len: 126  
Source Port: 44926  
Destination Port: 443  
[Stream index: 13]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 126]  
Sequence Number: 1968 (relative sequence number)  
Sequence Number (raw): 1462616176  
[Next Sequence Number: 2094 (relative sequence number)]  
Acknowledgment Number: 2997 (relative ack number)  
Acknowledgment number (raw): 3228036516  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x018 (PSH, ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xcd45 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (126 bytes)

No.	Time	Source	Destination	Protocol	Length	Info
1911	208.316550049	163.178.104.62	192.168.0.8	TLSv1.2	3062	Server Hello, Certificate, Server Key Exchange, Server Hello Done

Frame 1911: 3062 bytes on wire (24496 bits), 3062 bytes captured (24496 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 3048  
Identification: 0x272e (10030)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)

Header Checksum: 0x4e41 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8  
Transmission Control Protocol, Src Port: 443, Dst Port: 44938, Seq: 1, Ack: 2032, Len: 2996  
Source Port: 443  
Destination Port: 44938  
[Stream index: 14]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 2996]  
Sequence Number: 1 (relative sequence number)  
Sequence Number (raw): 2793874344  
[Next Sequence Number: 2997 (relative sequence number)]  
Acknowledgment Number: 2032 (relative ack number)  
Acknowledgment number (raw): 705833322  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x018 (PSH, ACK)  
Window: 258  
[Calculated window size: 33024]  
[Window size scaling factor: 128]  
Checksum: 0xd87b [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (2996 bytes)  
Transport Layer Security

No.	Time	Source	Destination	Protocol	Length	Info
1912	208.316570932	192.168.0.8	163.178.104.62	TCP	66	44938 → 443 [ACK] Seq=2032

Ack=2997 Win=62848 Len=0 TSval=785424711 TSecr=784270473  
Frame 1912: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x802f (32815)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0xedf3 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 44938, Dst Port: 443, Seq: 2032, Ack: 2997, Len: 0  
Source Port: 44938  
Destination Port: 443  
[Stream index: 14]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 2032 (relative sequence number)  
Sequence Number (raw): 705833322  
[Next Sequence Number: 2032 (relative sequence number)]  
Acknowledgment Number: 2997 (relative ack number)  
Acknowledgment number (raw): 2793877340  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 491  
[Calculated window size: 62848]  
[Window size scaling factor: 128]  
Checksum: 0xcc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
1913	208.317093422	192.168.0.8	163.178.104.62	TLsv1.2	192	Client Key Exchange, Change

Cipher Spec, Encrypted Handshake Message  
Frame 1913: 192 bytes on wire (1536 bits), 192 bytes captured (1536 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4

```
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 178
Identification: 0x8030 (32816)
Flags: 0x40, Don't fragment
...0 0000 0000 0000 = Fragment Offset: 0
Time to Live: 64
Protocol: TCP (6)
Header Checksum: 0xed74 [validation disabled]
[Header checksum status: Unverified]
Source Address: 192.168.0.8
Destination Address: 163.178.104.62
Transmission Control Protocol, Src Port: 44938, Dst Port: 443, Seq: 2032, Ack: 2997, Len: 126
Source Port: 44938
Destination Port: 443
[Stream index: 14]
[Conversation completeness: Complete, WITH_DATA (63)]
[TCP Segment Len: 126]
Sequence Number: 2032      (relative sequence number)
Sequence Number (raw): 705833322
[Next Sequence Number: 2158      (relative sequence number)]
Acknowledgment Number: 2997      (relative ack number)
Acknowledgment number (raw): 2793877340
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window: 501
[Calculated window size: 64128]
[Window size scaling factor: 128]
Checksum: 0xcd45 [unverified]
[Checksum Status: Unverified]
Urgent Pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[Timestamps]
[SEQ/ACK analysis]
TCP payload (126 bytes)
Transport Layer Security
No.      Time      Source      Destination      Protocol Length Info
  1914 208.328932103 163.178.104.62 192.168.0.8      TLSv1.2  340      New Session Ticket, Change Cipher
Spec, Encrypted Handshake Message
Frame 1914: 340 bytes on wire (2720 bits), 340 bytes captured (2720 bits) on interface eno1, id 0
Ethernet II, Src: ARRISGro_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt_93:9b:ce (18:c0:4d:93:9b:ce)
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 326
Identification: 0xe578 (58744)
Flags: 0x40, Don't fragment
...0 0000 0000 0000 = Fragment Offset: 0
Time to Live: 45
Protocol: TCP (6)
Header Checksum: 0x9a98 [validation disabled]
[Header checksum status: Unverified]
Source Address: 163.178.104.62
Destination Address: 192.168.0.8
Transmission Control Protocol, Src Port: 443, Dst Port: 44926, Seq: 2997, Ack: 2094, Len: 274
Source Port: 443
Destination Port: 44926
[Stream index: 13]
[Conversation completeness: Complete, WITH_DATA (63)]
[TCP Segment Len: 274]
Sequence Number: 2997      (relative sequence number)
Sequence Number (raw): 3228036516
[Next Sequence Number: 3271      (relative sequence number)]
Acknowledgment Number: 2094      (relative ack number)
Acknowledgment number (raw): 1462616302
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window: 257
[Calculated window size: 32896]
[Window size scaling factor: 128]
Checksum: 0x4772 [unverified]
[Checksum Status: Unverified]
Urgent Pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[Timestamps]
```

[SEQ/ACK analysis]

TCP payload (274 bytes)

Transport Layer Security

No.	Time	Source	Destination	Protocol	Length	Info
1915	208.329327061	192.168.0.8	163.178.104.62	TLsv1.2	984	Application Data

Frame 1915: 984 bytes on wire (7872 bits), 984 bytes captured (7872 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

Total Length: 970

Identification: 0x264e (9806)

Flags: 0x40, Don't fragment

...0 0000 0000 0000 = Fragment Offset: 0

Time to Live: 64

Protocol: TCP (6)

Header Checksum: 0x443f [validation disabled]

[Header checksum status: Unverified]

Source Address: 192.168.0.8

Destination Address: 163.178.104.62

Transmission Control Protocol, Src Port: 44926, Dst Port: 443, Seq: 2094, Ack: 3271, Len: 918

Source Port: 44926

Destination Port: 443

[Stream index: 13]

[Conversation completeness: Complete, WITH\_DATA (63)]

[TCP Segment Len: 918]

Sequence Number: 2094 (relative sequence number)

Sequence Number (raw): 1462616302

[Next Sequence Number: 3012 (relative sequence number)]

Acknowledgment Number: 3271 (relative ack number)

Acknowledgment number (raw): 3228036790

1000 .... = Header Length: 32 bytes (8)

Flags: 0x018 (PSH, ACK)

Window: 501

[Calculated window size: 64128]

[Window size scaling factor: 128]

Checksum: 0xd05d [unverified]

[Checksum Status: Unverified]

Urgent Pointer: 0

Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps

[Timestamps]

[SEQ/ACK analysis]

TCP payload (918 bytes)

Transport Layer Security

No.	Time	Source	Destination	Protocol	Length	Info
1916	208.330045319	163.178.104.62	192.168.0.8	TLsv1.2	340	New Session Ticket, Change Cipher Spec, Encrypted Handshake Message

Frame 1916: 340 bytes on wire (2720 bits), 340 bytes captured (2720 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

Total Length: 326

Identification: 0x2731 (10033)

Flags: 0x40, Don't fragment

...0 0000 0000 0000 = Fragment Offset: 0

Time to Live: 45

Protocol: TCP (6)

Header Checksum: 0x58e0 [validation disabled]

[Header checksum status: Unverified]

Source Address: 163.178.104.62

Destination Address: 192.168.0.8

Transmission Control Protocol, Src Port: 443, Dst Port: 44938, Seq: 2997, Ack: 2158, Len: 274

Source Port: 443

Destination Port: 44938

[Stream index: 14]

[Conversation completeness: Complete, WITH\_DATA (63)]

[TCP Segment Len: 274]

Sequence Number: 2997 (relative sequence number)

Sequence Number (raw): 2793877340

[Next Sequence Number: 3271 (relative sequence number)]

Acknowledgment Number: 2158 (relative ack number)

Acknowledgment number (raw): 705833448

1000 .... = Header Length: 32 bytes (8)

Flags: 0x018 (PSH, ACK)  
Window: 258  
[Calculated window size: 33024]  
[Window size scaling factor: 128]  
Checksum: 0xd0ec [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (274 bytes)  
Transport Layer Security

No.	Time	Source	Destination	Protocol	Length	Info
1917	208.340273298	163.178.104.62	192.168.0.8	TLSv1.2	261	Application Data

Frame 1917: 261 bytes on wire (2088 bits), 261 bytes captured (2088 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 247  
Identification: 0xe579 (58745)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)  
Header Checksum: 0x9ae6 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8  
Transmission Control Protocol, Src Port: 443, Dst Port: 44926, Seq: 3271, Ack: 3012, Len: 195  
Source Port: 443  
Destination Port: 44926  
[Stream index: 13]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 195]  
Sequence Number: 3271 (relative sequence number)  
Sequence Number (raw): 3228036790  
[Next Sequence Number: 3466 (relative sequence number)]  
Acknowledgment Number: 3012 (relative ack number)  
Acknowledgment number (raw): 1462617220  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x018 (PSH, ACK)  
Window: 280  
[Calculated window size: 35840]  
[Window size scaling factor: 128]  
Checksum: 0xb566 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (195 bytes)  
Transport Layer Security

No.	Time	Source	Destination	Protocol	Length	Info
1923	208.370479234	192.168.0.8	163.178.104.62	TCP	66	44938 → 443 [ACK] Seq=2158

Ack=3271 Win=64128 Len=0 TSval=785424765 TSecr=784270489  
Frame 1923: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x8031 (32817)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0xedf1 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 44938, Dst Port: 443, Seq: 2158, Ack: 3271, Len: 0  
Source Port: 44938  
Destination Port: 443



[Stream index: 14]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 2158 (relative sequence number)  
Sequence Number (raw): 705833448  
[Next Sequence Number: 2158 (relative sequence number)]  
Acknowledgment Number: 3271 (relative ack number)  
Acknowledgment number (raw): 2793877614  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xccc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
1924	208.386480373	192.168.0.8	163.178.104.62	TCP	66	44926 → 443 [ACK] Seq=3012

Ack=3466 Win=64128 Len=0 TSval=785424781 TSecr=784270499  
Frame 1924: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x264f (9807)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x47d4 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62

Transmission Control Protocol, Src Port: 44926, Dst Port: 443, Seq: 3012, Ack: 3466, Len: 0  
Source Port: 44926  
Destination Port: 443

[Stream index: 13]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 3012 (relative sequence number)  
Sequence Number (raw): 1462617220  
[Next Sequence Number: 3012 (relative sequence number)]  
Acknowledgment Number: 3466 (relative ack number)  
Acknowledgment number (raw): 3228036985  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xccc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
1982	213.347748768	163.178.104.62	192.168.0.8	TLSv1.2	97	Encrypted Alert

Frame 1982: 97 bytes on wire (776 bits), 97 bytes captured (776 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 83  
Identification: 0xe57a (58746)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)  
Header Checksum: 0x9b89 [validation disabled]  
[Header checksum status: Unverified]

Source Address: 163.178.104.62  
Destination Address: 192.168.0.8  
Transmission Control Protocol, Src Port: 443, Dst Port: 44926, Seq: 3466, Ack: 3012, Len: 31  
Source Port: 443  
Destination Port: 44926  
[Stream index: 13]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 31]  
Sequence Number: 3466 (relative sequence number)  
Sequence Number (raw): 3228036985  
[Next Sequence Number: 3497 (relative sequence number)]  
Acknowledgment Number: 3012 (relative ack number)  
Acknowledgment number (raw): 1462617220  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x018 (PSH, ACK)  
Window: 280  
[Calculated window size: 35840]  
[Window size scaling factor: 128]  
Checksum: 0xae0a [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (31 bytes)  
Transport Layer Security

No.	Time	Source	Destination	Protocol	Length	Info
1983	213.347778731	192.168.0.8	163.178.104.62	TCP	66	44926 → 443 [ACK] Seq=3012

Ack=3497 Win=64128 Len=0 TSval=785429742 TSecr=784275505  
Frame 1983: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x2650 (9808)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x47d3 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 44926, Dst Port: 443, Seq: 3012, Ack: 3497, Len: 0  
Source Port: 44926  
Destination Port: 443  
[Stream index: 13]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 3012 (relative sequence number)  
Sequence Number (raw): 1462617220  
[Next Sequence Number: 3012 (relative sequence number)]  
Acknowledgment Number: 3497 (relative ack number)  
Acknowledgment number (raw): 3228037016  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xcc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
1984	213.348193105	163.178.104.62	192.168.0.8	TCP	66	443 → 44926 [FIN, ACK] Seq=3497

Ack=3012 Win=35840 Len=0 TSval=784275505 TSecr=785424781  
Frame 1984: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

Total Length: 52  
Identification: 0xe57b (58747)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)  
Header Checksum: 0x9ba7 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8  
Transmission Control Protocol, Src Port: 443, Dst Port: 44926, Seq: 3497, Ack: 3012, Len: 0  
Source Port: 443  
Destination Port: 44926  
[Stream index: 13]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 3497 (relative sequence number)  
Sequence Number (raw): 3228037016  
[Next Sequence Number: 3498 (relative sequence number)]  
Acknowledgment Number: 3012 (relative ack number)  
Acknowledgment number (raw): 1462617220  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x011 (FIN, ACK)  
Window: 280  
[Calculated window size: 35840]  
[Window size scaling factor: 128]  
Checksum: 0x14c9 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]

No.	Time	Source	Destination	Protocol	Length	Info
1985	213.390488176	192.168.0.8	163.178.104.62	TCP	66	44926 → 443 [ACK] Seq=3012

Ack=3498 Win=64128 Len=0 TSval=785429785 TSecr=784275505  
Frame 1985: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x2651 (9809)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x47d2 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 44926, Dst Port: 443, Seq: 3012, Ack: 3498, Len: 0  
Source Port: 44926  
Destination Port: 443  
[Stream index: 13]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 3012 (relative sequence number)  
Sequence Number (raw): 1462617220  
[Next Sequence Number: 3012 (relative sequence number)]  
Acknowledgment Number: 3498 (relative ack number)  
Acknowledgment number (raw): 3228037017  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xcc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
2204	232.644052256	163.178.104.62	192.168.0.8	TLSv1.2	97	Encrypted Alert

Frame 2204: 97 bytes on wire (776 bits), 97 bytes captured (776 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)

Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 83  
Identification: 0x2732 (10034)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)  
Header Checksum: 0x59d2 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8  
Transmission Control Protocol, Src Port: 443, Dst Port: 44938, Seq: 3271, Ack: 2158, Len: 31  
Source Port: 443  
Destination Port: 44938  
[Stream index: 14]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 31]  
Sequence Number: 3271 (relative sequence number)  
Sequence Number (raw): 2793877614  
[Next Sequence Number: 3302 (relative sequence number)]  
Acknowledgment Number: 2158 (relative ack number)  
Acknowledgment number (raw): 705833448  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x018 (PSH, ACK)  
Window: 258  
[Calculated window size: 33024]  
[Window size scaling factor: 128]  
Checksum: 0x02c3 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (31 bytes)  
Transport Layer Security  
No. Time Source Destination Protocol Length Info  
2205 232.644084244 192.168.0.8 163.178.104.62 TCP 66 44938 → 443 [ACK] Seq=2158  
Ack=3302 Win=64128 Len=0 TSval=785449038 TSecr=784294802  
Frame 2205: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x8032 (32818)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0xedf0 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 44938, Dst Port: 443, Seq: 2158, Ack: 3302, Len: 0  
Source Port: 44938  
Destination Port: 443  
[Stream index: 14]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 2158 (relative sequence number)  
Sequence Number (raw): 705833448  
[Next Sequence Number: 2158 (relative sequence number)]  
Acknowledgment Number: 3302 (relative ack number)  
Acknowledgment number (raw): 2793877645  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xccc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0

Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps

[Timestamps]

[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
2206	232.644526485	163.178.104.62	192.168.0.8	TCP	66	443 → 44938 [FIN, ACK] Seq=3302

Ack=2158 Win=33024 Len=0 TSval=784294802 TSecr=785424765

Frame 2206: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x2733 (10035)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)  
Header Checksum: 0x59f0 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8

Transmission Control Protocol, Src Port: 443, Dst Port: 44938, Seq: 3302, Ack: 2158, Len: 0

Source Port: 443  
Destination Port: 44938  
[Stream index: 14]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 3302 (relative sequence number)  
Sequence Number (raw): 2793877645  
[Next Sequence Number: 3303 (relative sequence number)]  
Acknowledgment Number: 2158 (relative ack number)  
Acknowledgment number (raw): 705833448  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x011 (FIN, ACK)  
Window: 258  
[Calculated window size: 33024]  
[Window size scaling factor: 128]  
Checksum: 0x6a25 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]

No.	Time	Source	Destination	Protocol	Length	Info
2207	232.686490505	192.168.0.8	163.178.104.62	TCP	66	44938 → 443 [ACK] Seq=2158

Ack=3303 Win=64128 Len=0 TSval=785449081 TSecr=784294802

Frame 2207: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x8033 (32819)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0xedef [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62

Transmission Control Protocol, Src Port: 44938, Dst Port: 443, Seq: 2158, Ack: 3303, Len: 0

Source Port: 44938  
Destination Port: 443  
[Stream index: 14]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 2158 (relative sequence number)  
Sequence Number (raw): 705833448  
[Next Sequence Number: 2158 (relative sequence number)]  
Acknowledgment Number: 3303 (relative ack number)  
Acknowledgment number (raw): 2793877646  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 501

[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xccc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
3164	258.534717361	192.168.0.8	163.178.104.62	TCP	66	[TCP Keep-Alive] 44926 → 443

[ACK] Seq=3011 Ack=3498 Win=64128 Len=0 TSval=785474929 TSecr=784275505  
Frame 3164: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4  
... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x2652 (9810)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x47d1 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62

Transmission Control Protocol, Src Port: 44926, Dst Port: 443, Seq: 3011, Ack: 3498, Len: 0

Source Port: 44926  
Destination Port: 443  
[Stream index: 13]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 3011 (relative sequence number)  
Sequence Number (raw): 1462617219  
[Next Sequence Number: 3011 (relative sequence number)]  
Acknowledgment Number: 3498 (relative ack number)  
Acknowledgment number (raw): 3228037017  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xccc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
3537	279.274493536	192.168.0.8	163.178.104.62	TCP	66	[TCP Keep-Alive] 44938 → 443

[ACK] Seq=2157 Ack=3303 Win=64128 Len=0 TSval=785495669 TSecr=784294802  
Frame 3537: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4  
... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x8034 (32820)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0xedee [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62

Transmission Control Protocol, Src Port: 44938, Dst Port: 443, Seq: 2157, Ack: 3303, Len: 0

Source Port: 44938  
Destination Port: 443  
[Stream index: 14]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 2157 (relative sequence number)  
Sequence Number (raw): 705833447

[Next Sequence Number: 2157 (relative sequence number)]  
Acknowledgment Number: 3303 (relative ack number)  
Acknowledgment number (raw): 2793877646  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xccc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
3539	279.288171234	163.178.104.62	192.168.0.8	TCP	66	[TCP Keep-Alive ACK] 443 → 44938

[ACK] Seq=3303 Ack=2158 Win=33024 Len=0 TSval=784341446 TSecr=785449081  
Frame 3539: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x8708 (34568)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)  
Header Checksum: 0xfa1a [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8  
Transmission Control Protocol, Src Port: 443, Dst Port: 44938, Seq: 3303, Ack: 2158, Len: 0  
Source Port: 443  
Destination Port: 44938  
[Stream index: 14]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 3303 (relative sequence number)  
Sequence Number (raw): 2793877646  
[Next Sequence Number: 3303 (relative sequence number)]  
Acknowledgment Number: 2158 (relative ack number)  
Acknowledgment number (raw): 705833448  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 258  
[Calculated window size: 33024]  
[Window size scaling factor: 128]  
Checksum: 0x54f4 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
4397	303.846485143	192.168.0.8	163.178.104.62	TCP	66	[TCP Keep-Alive] 44926 → 443

[ACK] Seq=3011 Ack=3498 Win=64128 Len=0 TSval=785520241 TSecr=784275505  
Frame 4397: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x2653 (9811)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0x47d0 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 44926, Dst Port: 443, Seq: 3011, Ack: 3498, Len: 0  
Source Port: 44926

Destination Port: 443  
[Stream index: 13]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 3011 (relative sequence number)  
Sequence Number (raw): 1462617219  
[Next Sequence Number: 3011 (relative sequence number)]  
Acknowledgment Number: 3498 (relative ack number)  
Acknowledgment number (raw): 3228037017  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xccc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]  
[SEQ/ACK analysis]

No.	Time	Source	Destination	Protocol	Length	Info
4399	303.859439135	163.178.104.62	192.168.0.8	TCP	60	443 → 44926 [RST] Seq=3498 Win=0 Len=0

Frame 4399: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x08 (DSCP: Unknown, ECN: Not-ECT)  
Total Length: 40  
Identification: 0xc5ff (50687)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)  
Header Checksum: 0xbb27 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8

Transmission Control Protocol, Src Port: 443, Dst Port: 44926, Seq: 3498, Len: 0

Source Port: 443  
Destination Port: 44926  
[Stream index: 13]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 3498 (relative sequence number)  
Sequence Number (raw): 3228037017  
[Next Sequence Number: 3498 (relative sequence number)]  
Acknowledgment Number: 0  
Acknowledgment number (raw): 0  
0101 .... = Header Length: 20 bytes (5)  
Flags: 0x004 (RST)  
Window: 0  
[Calculated window size: 0]  
[Window size scaling factor: 128]  
Checksum: 0x8204 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
[Timestamps]

No.	Time	Source	Destination	Protocol	Length	Info
4468	308.246084634	192.168.0.8	163.178.104.62	TCP	66	44938 → 443 [FIN, ACK] Seq=2158 Ack=3303 Win=64128 Len=0 TSval=785524640 TSecr=784341446

Frame 4468: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eno1, id 0  
Ethernet II, Src: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce), Dst: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21)  
Internet Protocol Version 4, Src: 192.168.0.8, Dst: 163.178.104.62

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 52  
Identification: 0x8035 (32821)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 64  
Protocol: TCP (6)  
Header Checksum: 0xeded [validation disabled]  
[Header checksum status: Unverified]



Source Address: 192.168.0.8  
Destination Address: 163.178.104.62  
Transmission Control Protocol, Src Port: 44938, Dst Port: 443, Seq: 2158, Ack: 3303, Len: 0  
Source Port: 44938  
Destination Port: 443  
[Stream index: 14]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 2158 (relative sequence number)  
Sequence Number (raw): 705833448  
[Next Sequence Number: 2159 (relative sequence number)]  
Acknowledgment Number: 3303 (relative ack number)  
Acknowledgment number (raw): 2793877646  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x011 (FIN, ACK)  
Window: 501  
[Calculated window size: 64128]  
[Window size scaling factor: 128]  
Checksum: 0xccc7 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
[Timestamps]

No.	Time	Source	Destination	Protocol	Length	Info
4471	308.260152890	163.178.104.62	192.168.0.8	TCP	60	443 → 44938 [RST] Seq=3303 Win=0 Len=0

Frame 4471: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eno1, id 0  
Ethernet II, Src: ARRISGro\_d9:7e:21 (50:a5:dc:d9:7e:21), Dst: Giga-Byt\_93:9b:ce (18:c0:4d:93:9b:ce)  
Internet Protocol Version 4, Src: 163.178.104.62, Dst: 192.168.0.8  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x08 (DSCP: Unknown, ECN: Not-ECT)  
Total Length: 40  
Identification: 0xcf3b (53051)  
Flags: 0x40, Don't fragment  
...0 0000 0000 0000 = Fragment Offset: 0  
Time to Live: 45  
Protocol: TCP (6)  
Header Checksum: 0xb1eb [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 163.178.104.62  
Destination Address: 192.168.0.8  
Transmission Control Protocol, Src Port: 443, Dst Port: 44938, Seq: 3303, Len: 0  
Source Port: 443  
Destination Port: 44938  
[Stream index: 14]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 0]  
Sequence Number: 3303 (relative sequence number)  
Sequence Number (raw): 2793877646  
[Next Sequence Number: 3303 (relative sequence number)]  
Acknowledgment Number: 0  
Acknowledgment number (raw): 0  
0101 .... = Header Length: 20 bytes (5)  
Flags: 0x004 (RST)  
Window: 0  
[Calculated window size: 0]  
[Window size scaling factor: 128]  
Checksum: 0x5ae4 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
[Timestamps]