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1 0.000000      10.10.41.239      10.10.43.41      TCP      74      56392 → 23 [SYN] Seq=0 Win=29200 Len=0
MSS=1460 SACK_PERM=1 TSval=733015630 TSecr=0 WS=128
Frame 1: 74 bytes on wire (592 bits), 74 bytes captured (592 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:05.076870000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959845.076870000 seconds
  [Time delta from previous captured frame: 0.000000000 seconds]
  [Time delta from previous displayed frame: 0.000000000 seconds]
  [Time since reference or first frame: 0.000000000 seconds]
  Frame Number: 1
  Frame Length: 74 bytes (592 bits)
  Capture Length: 74 bytes (592 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp]
  [Coloring Rule Name: TCP SYN/FIN]
  [Coloring Rule String: tcp.flags & 0x02 || tcp.flags.fin == 1]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
  Total Length: 60
  Identification: 0x842a (33834)
  Flags: 0x4000, Don't fragment
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x4d56 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.10.41.239
  Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 0, Len: 0
  Source Port: 56392
  Destination Port: 23
  [Stream index: 0]
  [TCP Segment Len: 0]
  Sequence number: 0 (relative sequence number)
  [Next sequence number: 0 (relative sequence number)]
  Acknowledgment number: 0
  1010 .... = Header Length: 40 bytes (10)
  Flags: 0x002 (SYN)
  Window size value: 29200
  [Calculated window size: 29200]
  Checksum: 0xba09 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (20 bytes), Maximum segment size, SACK permitted, Timestamps, No-Operation (NOP), Window scale
  [Timestamps]
2 0.649846      10.10.43.41      10.10.41.239      TCP      74      23 → 56392 [SYN, ACK] Seq=0 Ack=1 Win=28960
Len=0 MSS=1460 SACK_PERM=1 TSval=298161629 TSecr=733015630 WS=128
Frame 2: 74 bytes on wire (592 bits), 74 bytes captured (592 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:05.726716000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959845.726716000 seconds
  [Time delta from previous captured frame: 0.649846000 seconds]
  [Time delta from previous displayed frame: 0.649846000 seconds]
  [Time since reference or first frame: 0.649846000 seconds]
  Frame Number: 2
  Frame Length: 74 bytes (592 bits)
  Capture Length: 74 bytes (592 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp]
  [Coloring Rule Name: TCP SYN/FIN]
  [Coloring Rule String: tcp.flags & 0x02 || tcp.flags.fin == 1]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
  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: 0x4000, Don't fragment
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0xd190 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.10.43.41
  Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 0, Ack: 1, Len: 0
  Source Port: 23

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Destination Port: 56392
[Stream index: 0]
[TCP Segment Len: 0]
Sequence number: 0      (relative sequence number)
[Next sequence number: 0      (relative sequence number)]
Acknowledgment number: 1      (relative ack number)
1010 .... = Header Length: 40 bytes (10)
Flags: 0x012 (SYN, ACK)
Window size value: 28960
[Calculated window size: 28960]
Checksum: 0x4b6d [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (20 bytes), Maximum segment size, SACK permitted, Timestamps, No-Operation (NOP), Window scale
[SEQ/ACK analysis]
[Timestamps]
   3 0.649894      10.10.41.239      10.10.43.41      TCP      66      56392 → 23 [ACK] Seq=1 Ack=1 Win=29312 Len=0
TSval=733016280 TSecr=298161629
Frame 3: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:05.726764000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959845.726764000 seconds
  [Time delta from previous captured frame: 0.000048000 seconds]
  [Time delta from previous displayed frame: 0.000048000 seconds]
  [Time since reference or first frame: 0.649894000 seconds]
  Frame Number: 3
  Frame Length: 66 bytes (528 bits)
  Capture Length: 66 bytes (528 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
  Total Length: 52
  Identification: 0x842b (33835)
  Flags: 0x4000, Don't fragment
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x4d5d [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.10.41.239
  Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 1, Ack: 1, Len: 0
  Source Port: 56392
  Destination Port: 23
  [Stream index: 0]
  [TCP Segment Len: 0]
  Sequence number: 1      (relative sequence number)
  [Next sequence number: 1      (relative sequence number)]
  Acknowledgment number: 1      (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x010 (ACK)
  Window size value: 229
  [Calculated window size: 29312]
  [Window size scaling factor: 128]
  Checksum: 0xe7ea [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  [SEQ/ACK analysis]
  [Timestamps]
   4 0.650060      10.10.41.239      10.10.43.41      TELNET    93      Telnet Data ...
Frame 4: 93 bytes on wire (744 bits), 93 bytes captured (744 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:05.726930000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959845.726930000 seconds
  [Time delta from previous captured frame: 0.000166000 seconds]
  [Time delta from previous displayed frame: 0.000166000 seconds]
  [Time since reference or first frame: 0.650060000 seconds]
  Frame Number: 4
  Frame Length: 93 bytes (744 bits)
  Capture Length: 93 bytes (744 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp:telnet]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)

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    Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
    Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
    Total Length: 79
    Identification: 0x842c (33836)
    Flags: 0x4000, Don't fragment
    Time to live: 64
    Protocol: TCP (6)
    Header checksum: 0x4d41 [validation disabled]
    [Header checksum status: Unverified]
    Source: 10.10.41.239
    Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 1, Ack: 1, Len: 27
    Source Port: 56392
    Destination Port: 23
    [Stream index: 0]
    [TCP Segment Len: 27]
    Sequence number: 1 (relative sequence number)
    [Next sequence number: 28 (relative sequence number)]
    Acknowledgment number: 1 (relative ack number)
    1000 .... = Header Length: 32 bytes (8)
    Flags: 0x018 (PSH, ACK)
    Window size value: 229
    [Calculated window size: 29312]
    [Window size scaling factor: 128]
    Checksum: 0x6879 [unverified]
    [Checksum Status: Unverified]
    Urgent pointer: 0
    Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    [SEQ/ACK analysis]
    [Timestamps]
    TCP payload (27 bytes)
Telnet
    Do Suppress Go Ahead
        Command: Do (253)
        Subcommand: Suppress Go Ahead
    Will Terminal Type
        Command: Will (251)
        Subcommand: Terminal Type
    Will Negotiate About Window Size
        Command: Will (251)
        Subcommand: Negotiate About Window Size
    Will Terminal Speed
        Command: Will (251)
        Subcommand: Terminal Speed
    Will Remote Flow Control
        Command: Will (251)
        Subcommand: Remote Flow Control
    Will Linemode
        Command: Will (251)
        Subcommand: Linemode
    Will New Environment Option
        Command: Will (251)
        Subcommand: New Environment Option
    Do Status
        Command: Do (253)
        Subcommand: Status
    Will X Display Location
        Command: Will (251)
        Subcommand: X Display Location
5 1.293230 10.10.41.239 74.125.200.189 UDP 65 58179 → 443 Len=23
Frame 5: 65 bytes on wire (520 bits), 65 bytes captured (520 bits)
    Encapsulation type: Ethernet (1)
    Arrival Time: Aug 22, 2018 23:14:06.370100000 IST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1534959846.370100000 seconds
    [Time delta from previous captured frame: 0.643170000 seconds]
    [Time delta from previous displayed frame: 0.643170000 seconds]
    [Time since reference or first frame: 1.293230000 seconds]
    Frame Number: 5
    Frame Length: 65 bytes (520 bits)
    Capture Length: 65 bytes (520 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ip:udp:data]
    [Coloring Rule Name: UDP]
    [Coloring Rule String: udp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
    Destination: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
    Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
    Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 74.125.200.189
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 51

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    Identification: 0x556d (21869)
    Flags: 0x4000, Don't fragment
    Time to live: 64
    Protocol: UDP (17)
    Header checksum: 0x9e19 [validation disabled]
    [Header checksum status: Unverified]
    Source: 10.10.41.239
    Destination: 74.125.200.189
User Datagram Protocol, Src Port: 58179, Dst Port: 443
Data (23 bytes)
0000  0c 65 a3 ac 9d a1 29 f5 86 59 2f 68 00 3c 47 f6  .e....)..Y/h.<G.
0010  d6 48 5f 23 84 7a 81  .H_#.z.
      6 1.316755          10.10.43.41          10.10.41.239          TCP          66          23 → 56392 [ACK] Seq=1 Ack=28 Win=29056
Len=0 TSval=298162383 TSecr=733016281
Frame 6: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:06.393625000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959846.393625000 seconds
  [Time delta from previous captured frame: 0.023525000 seconds]
  [Time delta from previous displayed frame: 0.023525000 seconds]
  [Time since reference or first frame: 1.316755000 seconds]
  Frame Number: 6
  Frame Length: 66 bytes (528 bits)
  Capture Length: 66 bytes (528 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0x5e03 (24067)
  Flags: 0x4000, Don't fragment
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x7395 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.10.43.41
  Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 1, Ack: 28, Len: 0
  Source Port: 23
  Destination Port: 56392
  [Stream index: 0]
  [TCP Segment Len: 0]
  Sequence number: 1 (relative sequence number)
  [Next sequence number: 1 (relative sequence number)]
  Acknowledgment number: 28 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x010 (ACK)
  Window size value: 227
  [Calculated window size: 29056]
  [Window size scaling factor: 128]
  Checksum: 0xe4de [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  [SEQ/ACK analysis]
  [Timestamps]
      7 1.330404          10.10.43.41          10.10.41.239          TELNET          78          Telnet Data ...
Frame 7: 78 bytes on wire (624 bits), 78 bytes captured (624 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:06.407274000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959846.407274000 seconds
  [Time delta from previous captured frame: 0.013649000 seconds]
  [Time delta from previous displayed frame: 0.013649000 seconds]
  [Time since reference or first frame: 1.330404000 seconds]
  Frame Number: 7
  Frame Length: 78 bytes (624 bits)
  Capture Length: 78 bytes (624 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp:telnet]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
  0100 .... = Version: 4

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.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 64
Identification: 0x5e04 (24068)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x7378 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.43.41
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 1, Ack: 28, Len: 12
Source Port: 23
Destination Port: 56392
[Stream index: 0]
[TCP Segment Len: 12]
Sequence number: 1 (relative sequence number)
[Next sequence number: 13 (relative sequence number)]
Acknowledgment number: 28 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 227
[Calculated window size: 29056]
[Window size scaling factor: 128]
Checksum: 0xad1a [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
TCP payload (12 bytes)
Telnet
Do Terminal Type
  Command: Do (253)
  Subcommand: Terminal Type
Do Terminal Speed
  Command: Do (253)
  Subcommand: Terminal Speed
Do X Display Location
  Command: Do (253)
  Subcommand: X Display Location
Do New Environment Option
  Command: Do (253)
  Subcommand: New Environment Option
8 1.330420 10.10.41.239 10.10.43.41 TCP 66 56392 → 23 [ACK] Seq=28 Ack=13 Win=29312
Len=0 TSval=733016961 TSecr=298162492
Frame 8: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:06.407290000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959846.407290000 seconds
[Time delta from previous captured frame: 0.000016000 seconds]
[Time delta from previous displayed frame: 0.000016000 seconds]
[Time since reference or first frame: 1.330420000 seconds]
Frame Number: 8
Frame Length: 66 bytes (528 bits)
Capture Length: 66 bytes (528 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 52
Identification: 0x842d (33837)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x4d5b [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.41.239
Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 28, Ack: 13, Len: 0
Source Port: 56392
Destination Port: 23
[Stream index: 0]
[TCP Segment Len: 0]
Sequence number: 28 (relative sequence number)
[Next sequence number: 28 (relative sequence number)]
Acknowledgment number: 13 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (ACK)

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Window size value: 229
[Calculated window size: 29312]
[Window size scaling factor: 128]
Checksum: 0xe1bb [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
  9 2.347171      10.10.41.239      74.125.200.189      UDP      65      58179 → 443 Len=23
Frame 9: 65 bytes on wire (520 bits), 65 bytes captured (520 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:07.424041000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959847.424041000 seconds
[Time delta from previous captured frame: 1.016751000 seconds]
[Time delta from previous displayed frame: 1.016751000 seconds]
[Time since reference or first frame: 2.347171000 seconds]
Frame Number: 9
Frame Length: 65 bytes (520 bits)
Capture Length: 65 bytes (520 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:udp:data]
[Coloring Rule Name: UDP]
[Coloring Rule String: udp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
Destination: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 74.125.200.189
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 51
Identification: 0x556e (21870)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: UDP (17)
Header checksum: 0x9e18 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.41.239
Destination: 74.125.200.189
User Datagram Protocol, Src Port: 58179, Dst Port: 443
Data (23 bytes)
0000 0c 65 a3 ac 9d a1 29 f5 86 5a be 38 a6 82 04 0c   .e....)..Z.8....
0010 92 f2 07 35 5f 9c c7                          ...5_..
  10 2.377745      74.125.200.189      10.10.41.239      UDP      63      443 → 58179 Len=21
Frame 10: 63 bytes on wire (504 bits), 63 bytes captured (504 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:07.454615000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959847.454615000 seconds
[Time delta from previous captured frame: 0.030574000 seconds]
[Time delta from previous displayed frame: 0.030574000 seconds]
[Time since reference or first frame: 2.377745000 seconds]
Frame Number: 10
Frame Length: 63 bytes (504 bits)
Capture Length: 63 bytes (504 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:udp:data]
[Coloring Rule Name: UDP]
[Coloring Rule String: udp]
Ethernet II, Src: Cisco_af:0c:64 (a0:3d:6f:af:0c:64), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 74.125.200.189, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 49
Identification: 0x0000 (0)
Flags: 0x4000, Don't fragment
Time to live: 55
Protocol: UDP (17)
Header checksum: 0xfc88 [validation disabled]
[Header checksum status: Unverified]
Source: 74.125.200.189
Destination: 10.10.41.239
User Datagram Protocol, Src Port: 443, Dst Port: 58179
Data (21 bytes)
0000 10 00 70 07 3b 93 98 41 2a 78 e9 f9 c3 6e 8b ba   ..p;...A*x...n..
0010 13 19 ea 79 b4                                   ...y.
  11 2.379678      10.10.43.41      10.10.41.239      TELNET    105      Telnet Data ...
Frame 11: 105 bytes on wire (840 bits), 105 bytes captured (840 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:07.456548000 IST
```

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[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959847.456548000 seconds
[Time delta from previous captured frame: 0.001933000 seconds]
[Time delta from previous displayed frame: 0.001933000 seconds]
[Time since reference or first frame: 2.379678000 seconds]
Frame Number: 11
Frame Length: 105 bytes (840 bits)
Capture Length: 105 bytes (840 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:telnet]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 91
Identification: 0x5e05 (24069)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x735c [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.43.41
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 13, Ack: 28, Len: 39
Source Port: 23
Destination Port: 56392
[Stream index: 0]
[TCP Segment Len: 39]
Sequence number: 13 (relative sequence number)
[Next sequence number: 52 (relative sequence number)]
Acknowledgment number: 28 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 227
[Calculated window size: 29056]
[Window size scaling factor: 128]
Checksum: 0x04ea [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
TCP payload (39 bytes)
Telnet
Will Suppress Go Ahead
Command: Will (251)
Subcommand: Suppress Go Ahead
Do Negotiate About Window Size
Command: Do (253)
Subcommand: Negotiate About Window Size
Do Remote Flow Control
Command: Do (253)
Subcommand: Remote Flow Control
Don't Linemode
Command: Don't (254)
Subcommand: Linemode
Will Status
Command: Will (251)
Subcommand: Status
Suboption Terminal Speed
Command: Suboption (250)
Subcommand: Terminal Speed
Suboption End
Command: Suboption End (240)
Suboption X Display Location
Command: Suboption (250)
Subcommand: X Display Location
Suboption End
Command: Suboption End (240)
Suboption New Environment Option
Command: Suboption (250)
Subcommand: New Environment Option
Suboption End
Command: Suboption End (240)
Suboption Terminal Type
Command: Suboption (250)
Subcommand: Terminal Type
Suboption End
Command: Suboption End (240)
12 2.379704 10.10.41.239 10.10.43.41 TCP 66 56392 → 23 [ACK] Seq=28 Ack=52 Win=29312
Len=0 TSval=733018010 TSecr=298162984
Frame 12: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)

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```

Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:07.456574000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959847.456574000 seconds
[Time delta from previous captured frame: 0.000026000 seconds]
[Time delta from previous displayed frame: 0.000026000 seconds]
[Time since reference or first frame: 2.379704000 seconds]
Frame Number: 12
Frame Length: 66 bytes (528 bits)
Capture Length: 66 bytes (528 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 52
Identification: 0x842e (33838)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x4d5a [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.41.239
Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 28, Ack: 52, Len: 0
Source Port: 56392
Destination Port: 23
[Stream index: 0]
[TCP Segment Len: 0]
Sequence number: 28 (relative sequence number)
[Next sequence number: 28 (relative sequence number)]
Acknowledgment number: 52 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (ACK)
Window size value: 229
[Calculated window size: 29312]
[Window size scaling factor: 128]
Checksum: 0xdb8f [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
13 2.379846 10.10.41.239 10.10.43.41 TELNET 201 Telnet Data ...
Frame 13: 201 bytes on wire (1608 bits), 201 bytes captured (1608 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:07.456716000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959847.456716000 seconds
[Time delta from previous captured frame: 0.000142000 seconds]
[Time delta from previous displayed frame: 0.000142000 seconds]
[Time since reference or first frame: 2.379846000 seconds]
Frame Number: 13
Frame Length: 201 bytes (1608 bits)
Capture Length: 201 bytes (1608 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:telnet]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 187
Identification: 0x842f (33839)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x4cd2 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.41.239
Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 28, Ack: 52, Len: 135
Source Port: 56392
Destination Port: 23
[Stream index: 0]

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[ TCP Segment Len: 135 ]
Sequence number: 28      (relative sequence number)
[ Next sequence number: 163      (relative sequence number) ]
Acknowledgment number: 52      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 229
[ Calculated window size: 29312 ]
[ Window size scaling factor: 128 ]
Checksum: 0xb5d0 [unverified]
[ Checksum Status: Unverified ]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[ SEQ/ACK analysis ]
[ Timestamps ]
TCP payload (135 bytes)
Telnet
  Suboption Negotiate About Window Size
    Command: Suboption (250)
    Subcommand: Negotiate About Window Size
  Suboption End
    Command: Suboption End (240)
  Suboption Terminal Speed
    Command: Suboption (250)
    Subcommand: Terminal Speed
  Suboption End
    Command: Suboption End (240)
  Suboption X Display Location
    Command: Suboption (250)
    Subcommand: X Display Location
  Suboption End
    Command: Suboption End (240)
  Suboption New Environment Option
    Command: Suboption (250)
    Subcommand: New Environment Option
  Suboption End
    Command: Suboption End (240)
  Suboption Terminal Type
    Command: Suboption (250)
    Subcommand: Terminal Type
  Suboption End
    Command: Suboption End (240)
14 2.482550      74.125.200.189      10.10.41.239      UDP      63      443 → 58179 Len=21
Frame 14: 63 bytes on wire (504 bits), 63 bytes captured (504 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:07.559420000 IST
[ Time shift for this packet: 0.000000000 seconds ]
Epoch Time: 1534959847.559420000 seconds
[ Time delta from previous captured frame: 0.102704000 seconds ]
[ Time delta from previous displayed frame: 0.102704000 seconds ]
[ Time since reference or first frame: 2.482550000 seconds ]
Frame Number: 14
Frame Length: 63 bytes (504 bits)
Capture Length: 63 bytes (504 bits)
[ Frame is marked: False ]
[ Frame is ignored: False ]
[ Protocols in frame: eth:ethertype:ip:udp:data ]
[ Coloring Rule Name: UDP ]
[ Coloring Rule String: udp ]
Ethernet II, Src: Cisco_af:0c:64 (a0:3d:6f:af:0c:64), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 74.125.200.189, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 49
Identification: 0x0000 (0)
Flags: 0x4000, Don't fragment
Time to live: 55
Protocol: UDP (17)
Header checksum: 0xfc88 [validation disabled]
[ Header checksum status: Unverified ]
Source: 74.125.200.189
Destination: 10.10.41.239
User Datagram Protocol, Src Port: 443, Dst Port: 58179
Data (21 bytes)
0000 10 00 71 4e 58 de f5 d9 54 91 7a 82 a9 ab e8 64      ..qNX...T.z....d
0010 87 89 0c 06 14      .....
15 2.849823      10.10.43.41      10.10.41.239      TCP      66      23 → 56392 [ACK] Seq=52 Ack=163 Win=30080
Len=0 TSval=298164304 TSecr=733018010
Frame 15: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:07.926693000 IST
[ Time shift for this packet: 0.000000000 seconds ]
Epoch Time: 1534959847.926693000 seconds
[ Time delta from previous captured frame: 0.367273000 seconds ]
[ Time delta from previous displayed frame: 0.367273000 seconds ]

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[Time since reference or first frame: 2.849823000 seconds]
Frame Number: 15
Frame Length: 66 bytes (528 bits)
Capture Length: 66 bytes (528 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 52
Identification: 0x5e06 (24070)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x7382 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.43.41
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 52, Ack: 163, Len: 0
Source Port: 23
Destination Port: 56392
[Stream index: 0]
[TCP Segment Len: 0]
Sequence number: 52      (relative sequence number)
[Next sequence number: 52      (relative sequence number)]
Acknowledgment number: 163      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (ACK)
Window size value: 235
[Calculated window size: 30080]
[Window size scaling factor: 128]
Checksum: 0xd5da [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
16 2.882403      10.10.43.41      10.10.41.239      TELNET      69      Telnet Data ...
Frame 16: 69 bytes on wire (552 bits), 69 bytes captured (552 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:07.959273000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959847.959273000 seconds
[Time delta from previous captured frame: 0.032580000 seconds]
[Time delta from previous displayed frame: 0.032580000 seconds]
[Time since reference or first frame: 2.882403000 seconds]
Frame Number: 16
Frame Length: 69 bytes (552 bits)
Capture Length: 69 bytes (552 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:telnet]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 55
Identification: 0x5e07 (24071)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x737e [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.43.41
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 52, Ack: 163, Len: 3
Source Port: 23
Destination Port: 56392
[Stream index: 0]
[TCP Segment Len: 3]
Sequence number: 52      (relative sequence number)
[Next sequence number: 55      (relative sequence number)]
Acknowledgment number: 163      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)

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Window size value: 235
[Calculated window size: 30080]
[Window size scaling factor: 128]
Checksum: 0xd4d1 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
TCP payload (3 bytes)
Telnet
  Do Echo
    Command: Do (253)
    Subcommand: Echo
      17 2.882494      10.10.41.239      10.10.43.41      TELNET      69      Telnet Data ...
Frame 17: 69 bytes on wire (552 bits), 69 bytes captured (552 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:07.959364000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959847.959364000 seconds
[Time delta from previous captured frame: 0.000091000 seconds]
[Time delta from previous displayed frame: 0.000091000 seconds]
[Time since reference or first frame: 2.882494000 seconds]
Frame Number: 17
Frame Length: 69 bytes (552 bits)
Capture Length: 69 bytes (552 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:telnet]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 55
Identification: 0x8430 (33840)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x4d55 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.41.239
Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 163, Ack: 55, Len: 3
Source Port: 56392
Destination Port: 23
[Stream index: 0]
[TCP Segment Len: 3]
Sequence number: 163      (relative sequence number)
[Next sequence number: 166      (relative sequence number)]
Acknowledgment number: 55      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 229
[Calculated window size: 29312]
[Window size scaling factor: 128]
Checksum: 0xd2de [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
TCP payload (3 bytes)
Telnet
  Won't Echo
    Command: Won't (252)
    Subcommand: Echo
      18 2.975261      10.10.43.41      10.10.41.239      TELNET      69      Telnet Data ...
Frame 18: 69 bytes on wire (552 bits), 69 bytes captured (552 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:08.052131000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959848.052131000 seconds
[Time delta from previous captured frame: 0.092767000 seconds]
[Time delta from previous displayed frame: 0.092767000 seconds]
[Time since reference or first frame: 2.975261000 seconds]
Frame Number: 18
Frame Length: 69 bytes (552 bits)
Capture Length: 69 bytes (552 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:telnet]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
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Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
  Total Length: 55
  Identification: 0x5e08 (24072)
  Flags: 0x4000, Don't fragment
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x737d [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.10.43.41
  Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 55, Ack: 166, Len: 3
  Source Port: 23
  Destination Port: 56392
  [Stream index: 0]
  [TCP Segment Len: 3]
  Sequence number: 55      (relative sequence number)
  [Next sequence number: 58      (relative sequence number)]
  Acknowledgment number: 166      (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x018 (PSH, ACK)
  Window size value: 235
  [Calculated window size: 30080]
  [Window size scaling factor: 128]
  Checksum: 0xd222 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  [SEQ/ACK analysis]
  [Timestamps]
  TCP payload (3 bytes)
Telnet
  Will Echo
    Command: Will (251)
    Subcommand: Echo
      19 2.975372      10.10.41.239      10.10.43.41      TELNET      69      Telnet Data ...
Frame 19: 69 bytes on wire (552 bits), 69 bytes captured (552 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:08.052242000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959848.052242000 seconds
  [Time delta from previous captured frame: 0.000111000 seconds]
  [Time delta from previous displayed frame: 0.000111000 seconds]
  [Time since reference or first frame: 2.975372000 seconds]
  Frame Number: 19
  Frame Length: 69 bytes (552 bits)
  Capture Length: 69 bytes (552 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp:telnet]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
  Total Length: 55
  Identification: 0x8431 (33841)
  Flags: 0x4000, Don't fragment
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x4d54 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.10.41.239
  Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 166, Ack: 58, Len: 3
  Source Port: 56392
  Destination Port: 23
  [Stream index: 0]
  [TCP Segment Len: 3]
  Sequence number: 166      (relative sequence number)
  [Next sequence number: 169      (relative sequence number)]
  Acknowledgment number: 58      (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x018 (PSH, ACK)
  Window size value: 229
  [Calculated window size: 29312]
  [Window size scaling factor: 128]
  Checksum: 0xd1c6 [unverified]

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[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
TCP payload (3 bytes)
Telnet
Do Echo
  Command: Do (253)
  Subcommand: Echo
    20 3.045885      10.10.43.41      10.10.41.239      TELNET    118    Telnet Data ...
Frame 20: 118 bytes on wire (944 bits), 118 bytes captured (944 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:08.122755000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959848.122755000 seconds
[Time delta from previous captured frame: 0.070513000 seconds]
[Time delta from previous displayed frame: 0.070513000 seconds]
[Time since reference or first frame: 3.045885000 seconds]
Frame Number: 20
Frame Length: 118 bytes (944 bits)
Capture Length: 118 bytes (944 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:telnet]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 104
Identification: 0x5e09 (24073)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x734b [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.43.41
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 58, Ack: 169, Len: 52
Source Port: 23
Destination Port: 56392
[Stream index: 0]
[TCP Segment Len: 52]
Sequence number: 58 (relative sequence number)
[Next sequence number: 110 (relative sequence number)]
Acknowledgment number: 169 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 235
[Calculated window size: 30080]
[Window size scaling factor: 128]
Checksum: 0x1149 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
TCP payload (52 bytes)
Telnet
Data: Ubuntu 16.04.3 LTS\r\n
Data: iitjmu-OptiPlex-5250-AIO login:
  21 3.089196      10.10.41.239      10.10.43.41      TCP        66      56392 → 23 [ACK] Seq=169 Ack=110 Win=29312
Len=0 TSval=733018720 TSecr=298164554
Frame 21: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:08.166066000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959848.166066000 seconds
[Time delta from previous captured frame: 0.043311000 seconds]
[Time delta from previous displayed frame: 0.043311000 seconds]
[Time since reference or first frame: 3.089196000 seconds]
Frame Number: 21
Frame Length: 66 bytes (528 bits)
Capture Length: 66 bytes (528 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)

```

```

Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
  Total Length: 52
  Identification: 0x8432 (33842)
  Flags: 0x4000, Don't fragment
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x4d56 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.10.41.239
  Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 169, Ack: 110, Len: 0
  Source Port: 56392
  Destination Port: 23
  [Stream index: 0]
  [TCP Segment Len: 0]
  Sequence number: 169      (relative sequence number)
  [Next sequence number: 169      (relative sequence number)]
  Acknowledgment number: 110      (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x010 (ACK)
  Window size value: 229
  [Calculated window size: 29312]
  [Window size scaling factor: 128]
  Checksum: 0xd1e0 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  [SEQ/ACK analysis]
  [Timestamps]
    22 5.092104      10.10.41.239      10.10.43.41      TELNET    67      Telnet Data ...
Frame 22: 67 bytes on wire (536 bits), 67 bytes captured (536 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:10.168974000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959850.168974000 seconds
  [Time delta from previous captured frame: 2.002908000 seconds]
  [Time delta from previous displayed frame: 2.002908000 seconds]
  [Time since reference or first frame: 5.092104000 seconds]
  Frame Number: 22
  Frame Length: 67 bytes (536 bits)
  Capture Length: 67 bytes (536 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp:telnet]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
  Total Length: 53
  Identification: 0x8433 (33843)
  Flags: 0x4000, Don't fragment
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x4d54 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.10.41.239
  Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 169, Ack: 110, Len: 1
  Source Port: 56392
  Destination Port: 23
  [Stream index: 0]
  [TCP Segment Len: 1]
  Sequence number: 169      (relative sequence number)
  [Next sequence number: 170      (relative sequence number)]
  Acknowledgment number: 110      (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x018 (PSH, ACK)
  Window size value: 229
  [Calculated window size: 29312]
  [Window size scaling factor: 128]
  Checksum: 0x6104 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  [SEQ/ACK analysis]
  [Timestamps]
  TCP payload (1 byte)
Telnet
  Data: i
    23 5.934883      10.10.43.41      10.10.41.239      TELNET    67      Telnet Data ...

```

```

Frame 23: 67 bytes on wire (536 bits), 67 bytes captured (536 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:11.011753000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959851.011753000 seconds
  [Time delta from previous captured frame: 0.842779000 seconds]
  [Time delta from previous displayed frame: 0.842779000 seconds]
  [Time since reference or first frame: 5.934883000 seconds]
  Frame Number: 23
  Frame Length: 67 bytes (536 bits)
  Capture Length: 67 bytes (536 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp:telnet]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
  Total Length: 53
  Identification: 0x5e0a (24074)
  Flags: 0x4000, Don't fragment
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x737d [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.10.43.41
  Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 110, Ack: 170, Len: 1
  Source Port: 23
  Destination Port: 56392
  [Stream index: 0]
  [TCP Segment Len: 1]
  Sequence number: 110      (relative sequence number)
  [Next sequence number: 111      (relative sequence number)]
  Acknowledgment number: 170      (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x018 (PSH, ACK)
  Window size value: 235
  [Calculated window size: 30080]
  [Window size scaling factor: 128]
  Checksum: 0x5730 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  [SEQ/ACK analysis]
  [Timestamps]
  TCP payload (1 byte)
Telnet
  Data: i
    24 5.934929      10.10.41.239      10.10.43.41      TELNET      68      Telnet Data ...
Frame 24: 68 bytes on wire (544 bits), 68 bytes captured (544 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:11.011799000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959851.011799000 seconds
  [Time delta from previous captured frame: 0.000046000 seconds]
  [Time delta from previous displayed frame: 0.000046000 seconds]
  [Time since reference or first frame: 5.934929000 seconds]
  Frame Number: 24
  Frame Length: 68 bytes (544 bits)
  Capture Length: 68 bytes (544 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp:telnet]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
  Total Length: 54
  Identification: 0x8434 (33844)
  Flags: 0x4000, Don't fragment
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x4d52 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.10.41.239
  Destination: 10.10.43.41

```

Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 170, Ack: 111, Len: 2  
 Source Port: 56392  
 Destination Port: 23  
 [Stream index: 0]  
 [TCP Segment Len: 2]  
 Sequence number: 170 (relative sequence number)  
 [Next sequence number: 172 (relative sequence number)]  
 Acknowledgment number: 111 (relative ack number)  
 1000 .... = Header Length: 32 bytes (8)  
 Flags: 0x018 (PSH, ACK)  
 Window size value: 229  
 [Calculated window size: 29312]  
 [Window size scaling factor: 128]  
 Checksum: 0x5376 [unverified]  
 [Checksum Status: Unverified]  
 Urgent pointer: 0  
 Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
 [SEQ/ACK analysis]  
 [Timestamps]  
 TCP payload (2 bytes)

Telnet

Data: it  
 25 7.225229 10.10.41.239 10.10.43.41 TELNET 69 Telnet Data ...

Frame 25: 69 bytes on wire (552 bits), 69 bytes captured (552 bits)

Encapsulation type: Ethernet (1)  
 Arrival Time: Aug 22, 2018 23:14:12.302099000 IST  
 [Time shift for this packet: 0.000000000 seconds]  
 Epoch Time: 1534959852.302099000 seconds  
 [Time delta from previous captured frame: 1.290300000 seconds]  
 [Time delta from previous displayed frame: 1.290300000 seconds]  
 [Time since reference or first frame: 7.225229000 seconds]  
 Frame Number: 25  
 Frame Length: 69 bytes (552 bits)  
 Capture Length: 69 bytes (552 bits)  
 [Frame is marked: False]  
 [Frame is ignored: False]  
 [Protocols in frame: eth:ethertype:ip:tcp:telnet]  
 [Coloring Rule Name: TCP]  
 [Coloring Rule String: tcp]

Ethernet II, Src: IntelCor\_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor\_7a:e4:be (d4:25:8b:7a:e4:be)  
 Destination: IntelCor\_7a:e4:be (d4:25:8b:7a:e4:be)  
 Source: IntelCor\_33:18:7d (a0:a8:cd:33:18:7d)  
 Type: IPv4 (0x0800)

Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41  
 0100 .... = Version: 4  
 .... 0101 = Header Length: 20 bytes (5)  
 Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)  
 Total Length: 55  
 Identification: 0x8435 (33845)  
 Flags: 0x4000, Don't fragment  
 Time to live: 64  
 Protocol: TCP (6)  
 Header checksum: 0x4d50 [validation disabled]  
 [Header checksum status: Unverified]  
 Source: 10.10.41.239  
 Destination: 10.10.43.41

Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 172, Ack: 111, Len: 3  
 Source Port: 56392  
 Destination Port: 23  
 [Stream index: 0]  
 [TCP Segment Len: 3]  
 Sequence number: 172 (relative sequence number)  
 [Next sequence number: 175 (relative sequence number)]  
 Acknowledgment number: 111 (relative ack number)  
 1000 .... = Header Length: 32 bytes (8)  
 Flags: 0x018 (PSH, ACK)  
 Window size value: 229  
 [Calculated window size: 29312]  
 [Window size scaling factor: 128]  
 Checksum: 0xd86e [unverified]  
 [Checksum Status: Unverified]  
 Urgent pointer: 0  
 Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
 [SEQ/ACK analysis]  
 [Timestamps]  
 TCP payload (3 bytes)

Telnet  
 Data: jmu  
 26 8.422196 10.10.43.41 10.10.41.239 TCP 67 [TCP Keep-Alive] 23 → 56392 [PSH, ACK]  
 Seq=110 Ack=170 Win=30080 Len=1 TSval=298168263 TSecr=733020723

Frame 26: 67 bytes on wire (536 bits), 67 bytes captured (536 bits)

Encapsulation type: Ethernet (1)  
 Arrival Time: Aug 22, 2018 23:14:13.499066000 IST  
 [Time shift for this packet: 0.000000000 seconds]  
 Epoch Time: 1534959853.499066000 seconds  
 [Time delta from previous captured frame: 1.196967000 seconds]  
 [Time delta from previous displayed frame: 1.196967000 seconds]  
 [Time since reference or first frame: 8.422196000 seconds]  
 Frame Number: 26



```

    Frame Length: 67 bytes (536 bits)
    Capture Length: 67 bytes (536 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ip:tcp:data]
    [Coloring Rule Name: Bad TCP]
    [Coloring Rule String: tcp.analysis.flags && !tcp.analysis.window_update]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 53
Identification: 0x5e0b (24075)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x737c [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.43.41
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 110, Ack: 170, Len: 1
Source Port: 23
Destination Port: 56392
[Stream index: 0]
[TCP Segment Len: 1]
Sequence number: 110 (relative sequence number)
[Next sequence number: 111 (relative sequence number)]
Acknowledgment number: 170 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 235
[Calculated window size: 30080]
[Window size scaling factor: 128]
Checksum: 0x5280 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
TCP payload (1 byte)
Data (1 byte)
0000 69 i
27 8.422220 10.10.41.239 10.10.43.41 TCP 78 [TCP Keep-Alive ACK] 56392 → 23 [ACK]
Seq=175 Ack=111 Win=29312 Len=0 TSval=733024053 TSecr=298168263 SLE=110 SRE=111
Frame 27: 78 bytes on wire (624 bits), 78 bytes captured (624 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:13.499090000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959853.499090000 seconds
[Time delta from previous captured frame: 0.000024000 seconds]
[Time delta from previous displayed frame: 0.000024000 seconds]
[Time since reference or first frame: 8.422220000 seconds]
Frame Number: 27
Frame Length: 78 bytes (624 bits)
Capture Length: 78 bytes (624 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: Bad TCP]
[Coloring Rule String: tcp.analysis.flags && !tcp.analysis.window_update]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 64
Identification: 0x8436 (33846)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x4d46 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.41.239
Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 175, Ack: 111, Len: 0
Source Port: 56392
Destination Port: 23
[Stream index: 0]
[TCP Segment Len: 0]
Sequence number: 175 (relative sequence number)
[Next sequence number: 175 (relative sequence number)]
Acknowledgment number: 111 (relative ack number)

```

```

1011 .... = Header Length: 44 bytes (11)
Flags: 0x010 (ACK)
Window size value: 229
[Calculated window size: 29312]
[Window size scaling factor: 128]
Checksum: 0xe7e1 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (24 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps, No-Operation (NOP), No-Operation (NOP), SACK
[SEQ/ACK analysis]
[Timestamps]
28 8.423249      10.10.43.41      10.10.41.239      TELNET      68      Telnet Data ...
Frame 28: 68 bytes on wire (544 bits), 68 bytes captured (544 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:13.500119000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959853.500119000 seconds
[Time delta from previous captured frame: 0.001029000 seconds]
[Time delta from previous displayed frame: 0.001029000 seconds]
[Time since reference or first frame: 8.423249000 seconds]
Frame Number: 28
Frame Length: 68 bytes (544 bits)
Capture Length: 68 bytes (544 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:telnet]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 54
Identification: 0x5e0c (24076)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x737a [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.43.41
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 111, Ack: 172, Len: 2
Source Port: 23
Destination Port: 56392
[Stream index: 0]
[TCP Segment Len: 2]
Sequence number: 111      (relative sequence number)
[Next sequence number: 113      (relative sequence number)]
Acknowledgment number: 172      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 235
[Calculated window size: 30080]
[Window size scaling factor: 128]
Checksum: 0x4d71 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
TCP payload (2 bytes)
Telnet
Data: it
29 8.423273      10.10.41.239      10.10.43.41      TCP      66      56392 → 23 [ACK] Seq=175 Ack=113 Win=29312
Len=0 TSval=733024054 TSecr=298168596
Frame 29: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:13.500143000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959853.500143000 seconds
[Time delta from previous captured frame: 0.000024000 seconds]
[Time delta from previous displayed frame: 0.000024000 seconds]
[Time since reference or first frame: 8.423273000 seconds]
Frame Number: 29
Frame Length: 66 bytes (528 bits)
Capture Length: 66 bytes (528 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)

```

```

Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
 0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
 Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
 Total Length: 52
 Identification: 0x8437 (33847)
 Flags: 0x4000, Don't fragment
 Time to live: 64
 Protocol: TCP (6)
 Header checksum: 0x4d51 [validation disabled]
 [Header checksum status: Unverified]
 Source: 10.10.41.239
 Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 175, Ack: 113, Len: 0
 Source Port: 56392
 Destination Port: 23
 [Stream index: 0]
 [TCP Segment Len: 0]
 Sequence number: 175      (relative sequence number)
 [Next sequence number: 175      (relative sequence number)]
 Acknowledgment number: 113      (relative ack number)
 1000 .... = Header Length: 32 bytes (8)
 Flags: 0x010 (ACK)
 Window size value: 229
 [Calculated window size: 29312]
 [Window size scaling factor: 128]
 Checksum: 0xad37 [unverified]
 [Checksum Status: Unverified]
 Urgent pointer: 0
 Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
 [SEQ/ACK analysis]
 [Timestamps]
   30 8.455186      10.10.43.41      10.10.41.239      TCP      66      23 → 56392 [ACK] Seq=113 Ack=175 Win=30080
Len=0 TSval=298168903 TSecr=733022856
Frame 30: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
 Encapsulation type: Ethernet (1)
 Arrival Time: Aug 22, 2018 23:14:13.532056000 IST
 [Time shift for this packet: 0.000000000 seconds]
 Epoch Time: 1534959853.532056000 seconds
 [Time delta from previous captured frame: 0.031913000 seconds]
 [Time delta from previous displayed frame: 0.031913000 seconds]
 [Time since reference or first frame: 8.455186000 seconds]
 Frame Number: 30
 Frame Length: 66 bytes (528 bits)
 Capture Length: 66 bytes (528 bits)
 [Frame is marked: False]
 [Frame is ignored: False]
 [Protocols in frame: eth:ethertype:ip:tcp]
 [Coloring Rule Name: TCP]
 [Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
 Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
 Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
 Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
 0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
 Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
 Total Length: 52
 Identification: 0x5e0d (24077)
 Flags: 0x4000, Don't fragment
 Time to live: 64
 Protocol: TCP (6)
 Header checksum: 0x737b [validation disabled]
 [Header checksum status: Unverified]
 Source: 10.10.43.41
 Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 113, Ack: 175, Len: 0
 Source Port: 23
 Destination Port: 56392
 [Stream index: 0]
 [TCP Segment Len: 0]
 Sequence number: 113      (relative sequence number)
 [Next sequence number: 113      (relative sequence number)]
 Acknowledgment number: 175      (relative ack number)
 1000 .... = Header Length: 32 bytes (8)
 Flags: 0x010 (ACK)
 Window size value: 235
 [Calculated window size: 30080]
 [Window size scaling factor: 128]
 Checksum: 0xb0ac [unverified]
 [Checksum Status: Unverified]
 Urgent pointer: 0
 Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
 [SEQ/ACK analysis]
 [Timestamps]
   31 8.455216      10.10.41.239      10.10.43.41      TELNET    68      Telnet Data ...
Frame 31: 68 bytes on wire (544 bits), 68 bytes captured (544 bits)
 Encapsulation type: Ethernet (1)

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Arrival Time: Aug 22, 2018 23:14:13.532086000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959853.532086000 seconds
[Time delta from previous captured frame: 0.000030000 seconds]
[Time delta from previous displayed frame: 0.000030000 seconds]
[Time since reference or first frame: 8.455216000 seconds]
Frame Number: 31
Frame Length: 68 bytes (544 bits)
Capture Length: 68 bytes (544 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:telnet]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 54
Identification: 0x8438 (33848)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x4d4e [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.41.239
Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 175, Ack: 113, Len: 2
Source Port: 56392
Destination Port: 23
[Stream index: 0]
[TCP Segment Len: 2]
Sequence number: 175 (relative sequence number)
[Next sequence number: 177 (relative sequence number)]
Acknowledgment number: 113 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 229
[Calculated window size: 29312]
[Window size scaling factor: 128]
Checksum: 0x9eda [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
TCP payload (2 bytes)
Telnet
Data: \r
32 8.831656 10.10.43.41 10.10.41.239 TELNET 69 Telnet Data ...
Frame 32: 69 bytes on wire (552 bits), 69 bytes captured (552 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:13.908526000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959853.908526000 seconds
[Time delta from previous captured frame: 0.376440000 seconds]
[Time delta from previous displayed frame: 0.376440000 seconds]
[Time since reference or first frame: 8.831656000 seconds]
Frame Number: 32
Frame Length: 69 bytes (552 bits)
Capture Length: 69 bytes (552 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:telnet]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 55
Identification: 0x5e0e (24078)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x7377 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.43.41
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 113, Ack: 175, Len: 3
Source Port: 23

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Destination Port: 56392
[Stream index: 0]
[TCP Segment Len: 3]
Sequence number: 113      (relative sequence number)
[Next sequence number: 116      (relative sequence number)]
Acknowledgment number: 175      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 235
[Calculated window size: 30080]
[Window size scaling factor: 128]
Checksum: 0xccd3 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
TCP payload (3 bytes)
Telnet
Data: jmu
33 8.831795      10.10.43.41      10.10.41.239      TCP      66      23 → 56392 [ACK] Seq=116 Ack=177 Win=30080
Len=0 TSval=298170175 TSecr=733024086
Frame 33: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:13.908665000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959853.908665000 seconds
[Time delta from previous captured frame: 0.000139000 seconds]
[Time delta from previous displayed frame: 0.000139000 seconds]
[Time since reference or first frame: 8.831795000 seconds]
Frame Number: 33
Frame Length: 66 bytes (528 bits)
Capture Length: 66 bytes (528 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 52
Identification: 0x5e0f (24079)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x7379 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.43.41
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 116, Ack: 177, Len: 0
Source Port: 23
Destination Port: 56392
[Stream index: 0]
[TCP Segment Len: 0]
Sequence number: 116      (relative sequence number)
[Next sequence number: 116      (relative sequence number)]
Acknowledgment number: 177      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (ACK)
Window size value: 235
[Calculated window size: 30080]
[Window size scaling factor: 128]
Checksum: 0xa6e1 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
34 8.873229      10.10.41.239      10.10.43.41      TCP      66      56392 → 23 [ACK] Seq=177 Ack=116 Win=29312
Len=0 TSval=733024504 TSecr=298170023
Frame 34: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:13.950099000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959853.950099000 seconds
[Time delta from previous captured frame: 0.041434000 seconds]
[Time delta from previous displayed frame: 0.041434000 seconds]
[Time since reference or first frame: 8.873229000 seconds]
Frame Number: 34
Frame Length: 66 bytes (528 bits)
Capture Length: 66 bytes (528 bits)
[Frame is marked: False]
[Frame is ignored: False]

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[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 52
Identification: 0x8439 (33849)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x4d4f [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.41.239
Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 177, Ack: 116, Len: 0
Source Port: 56392
Destination Port: 23
[Stream index: 0]
[TCP Segment Len: 0]
Sequence number: 177 (relative sequence number)
[Next sequence number: 177 (relative sequence number)]
Acknowledgment number: 116 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (ACK)
Window size value: 229
[Calculated window size: 29312]
[Window size scaling factor: 128]
Checksum: 0xa5dd [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
35 9.097765 10.10.43.41 10.10.41.239 TELNET 78 Telnet Data ...
Frame 35: 78 bytes on wire (624 bits), 78 bytes captured (624 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:14.174635000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959854.174635000 seconds
[Time delta from previous captured frame: 0.224536000 seconds]
[Time delta from previous displayed frame: 0.224536000 seconds]
[Time since reference or first frame: 9.097765000 seconds]
Frame Number: 35
Frame Length: 78 bytes (624 bits)
Capture Length: 78 bytes (624 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:telnet]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 64
Identification: 0x5e10 (24080)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x736c [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.43.41
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 116, Ack: 177, Len: 12
Source Port: 23
Destination Port: 56392
[Stream index: 0]
[TCP Segment Len: 12]
Sequence number: 116 (relative sequence number)
[Next sequence number: 128 (relative sequence number)]
Acknowledgment number: 177 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 235
[Calculated window size: 30080]
[Window size scaling factor: 128]
Checksum: 0xaeee [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0

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Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
TCP payload (12 bytes)
Telnet
Data: \r\n
Data: Password:
   36 9.097788      10.10.41.239      10.10.43.41      TCP      66      56392 → 23 [ACK] Seq=177 Ack=128 Win=29312
Len=0 TSval=733024728 TSecr=298170537
Frame 36: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:14.174658000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959854.174658000 seconds
[Time delta from previous captured frame: 0.000023000 seconds]
[Time delta from previous displayed frame: 0.000023000 seconds]
[Time since reference or first frame: 9.097788000 seconds]
Frame Number: 36
Frame Length: 66 bytes (528 bits)
Capture Length: 66 bytes (528 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 52
Identification: 0x843a (33850)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x4d4e [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.41.239
Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 177, Ack: 128, Len: 0
Source Port: 56392
Destination Port: 23
[Stream index: 0]
[TCP Segment Len: 0]
Sequence number: 177 (relative sequence number)
[Next sequence number: 177 (relative sequence number)]
Acknowledgment number: 128 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (ACK)
Window size value: 229
[Calculated window size: 29312]
[Window size scaling factor: 128]
Checksum: 0xa2ef [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
   37 10.380072      10.10.41.239      10.10.43.41      TELNET   67      Telnet Data ...
Frame 37: 67 bytes on wire (536 bits), 67 bytes captured (536 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:15.456942000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959855.456942000 seconds
[Time delta from previous captured frame: 1.282284000 seconds]
[Time delta from previous displayed frame: 1.282284000 seconds]
[Time since reference or first frame: 10.380072000 seconds]
Frame Number: 37
Frame Length: 67 bytes (536 bits)
Capture Length: 67 bytes (536 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:telnet]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 53
Identification: 0x843b (33851)
Flags: 0x4000, Don't fragment

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    Time to live: 64
    Protocol: TCP (6)
    Header checksum: 0x4d4c [validation disabled]
    [Header checksum status: Unverified]
    Source: 10.10.41.239
    Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 177, Ack: 128, Len: 1
    Source Port: 56392
    Destination Port: 23
    [Stream index: 0]
    [TCP Segment Len: 1]
    Sequence number: 177      (relative sequence number)
    [Next sequence number: 178      (relative sequence number)]
    Acknowledgment number: 128      (relative ack number)
    1000 .... = Header Length: 32 bytes (8)
    Flags: 0x018 (PSH, ACK)
    Window size value: 229
    [Calculated window size: 29312]
    [Window size scaling factor: 128]
    Checksum: 0x34e3 [unverified]
    [Checksum Status: Unverified]
    Urgent pointer: 0
    Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    [SEQ/ACK analysis]
    [Timestamps]
    TCP payload (1 byte)
Telnet
    Data: i
      38 10.618379      10.10.43.41      10.10.41.239      TCP      66      23 → 56392 [ACK] Seq=128 Ack=178 Win=30080
Len=0 TSval=298172082 TSecr=733026011
Frame 38: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:15.695249000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959855.695249000 seconds
  [Time delta from previous captured frame: 0.238307000 seconds]
  [Time delta from previous displayed frame: 0.238307000 seconds]
  [Time since reference or first frame: 10.618379000 seconds]
  Frame Number: 38
  Frame Length: 66 bytes (528 bits)
  Capture Length: 66 bytes (528 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
  Total Length: 52
  Identification: 0x5e11 (24081)
  Flags: 0x4000, Don't fragment
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x7377 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.10.43.41
  Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 128, Ack: 178, Len: 0
  Source Port: 23
  Destination Port: 56392
  [Stream index: 0]
  [TCP Segment Len: 0]
  Sequence number: 128      (relative sequence number)
  [Next sequence number: 128      (relative sequence number)]
  Acknowledgment number: 178      (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x010 (ACK)
  Window size value: 235
  [Calculated window size: 30080]
  [Window size scaling factor: 128]
  Checksum: 0x97dc [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  [SEQ/ACK analysis]
  [Timestamps]
      39 10.618413      10.10.41.239      10.10.43.41      TELNET      67      Telnet Data ...
Frame 39: 67 bytes on wire (536 bits), 67 bytes captured (536 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:15.695283000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959855.695283000 seconds
  [Time delta from previous captured frame: 0.000034000 seconds]

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[Time delta from previous displayed frame: 0.000034000 seconds]
[Time since reference or first frame: 10.618413000 seconds]
Frame Number: 39
Frame Length: 67 bytes (536 bits)
Capture Length: 67 bytes (536 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:telnet]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 53
Identification: 0x843c (33852)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x4d4b [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.41.239
Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 178, Ack: 128, Len: 1
Source Port: 56392
Destination Port: 23
[Stream index: 0]
[TCP Segment Len: 1]
Sequence number: 178 (relative sequence number)
[Next sequence number: 179 (relative sequence number)]
Acknowledgment number: 128 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 229
[Calculated window size: 29312]
[Window size scaling factor: 128]
Checksum: 0x2deb [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
TCP payload (1 byte)
Telnet
Data: i
40 10.831452 10.10.43.41 10.10.41.239 TCP 66 23 → 56392 [ACK] Seq=128 Ack=179 Win=30080
Len=0 TSval=298172216 TSecr=733026249
Frame 40: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:15.908322000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959855.908322000 seconds
[Time delta from previous captured frame: 0.213039000 seconds]
[Time delta from previous displayed frame: 0.213039000 seconds]
[Time since reference or first frame: 10.831452000 seconds]
Frame Number: 40
Frame Length: 66 bytes (528 bits)
Capture Length: 66 bytes (528 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 52
Identification: 0x5e12 (24082)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x7376 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.43.41
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 128, Ack: 179, Len: 0
Source Port: 23
Destination Port: 56392
[Stream index: 0]
[TCP Segment Len: 0]

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Sequence number: 128      (relative sequence number)
[Next sequence number: 128      (relative sequence number)]
Acknowledgment number: 179      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (ACK)
Window size value: 235
[Calculated window size: 30080]
[Window size scaling factor: 128]
Checksum: 0x9667 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
  41 10.922309      10.10.41.239      10.10.43.41      TELNET      67      Telnet Data ...
Frame 41: 67 bytes on wire (536 bits), 67 bytes captured (536 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:15.999179000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959855.999179000 seconds
[Time delta from previous captured frame: 0.090857000 seconds]
[Time delta from previous displayed frame: 0.090857000 seconds]
[Time since reference or first frame: 10.922309000 seconds]
Frame Number: 41
Frame Length: 67 bytes (536 bits)
Capture Length: 67 bytes (536 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:telnet]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
  Total Length: 53
  Identification: 0x843d (33853)
  Flags: 0x4000, Don't fragment
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x4d4a [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.10.41.239
  Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 179, Ack: 128, Len: 1
  Source Port: 56392
  Destination Port: 23
  [Stream index: 0]
  [TCP Segment Len: 1]
  Sequence number: 179      (relative sequence number)
  [Next sequence number: 180      (relative sequence number)]
  Acknowledgment number: 128      (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x018 (PSH, ACK)
  Window size value: 229
  [Calculated window size: 29312]
  [Window size scaling factor: 128]
  Checksum: 0x2134 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  [SEQ/ACK analysis]
  [Timestamps]
  TCP payload (1 byte)
Telnet
  Data: t
    42 11.253083      10.10.43.41      10.10.41.239      TCP      66      23 → 56392 [ACK] Seq=128 Ack=180 Win=30080
Len=0 TSval=298172564 TSecr=733026553
Frame 42: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:16.329953000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959856.329953000 seconds
[Time delta from previous captured frame: 0.330774000 seconds]
[Time delta from previous displayed frame: 0.330774000 seconds]
[Time since reference or first frame: 11.253083000 seconds]
Frame Number: 42
Frame Length: 66 bytes (528 bits)
Capture Length: 66 bytes (528 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)

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    Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
    Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
    Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 52
Identification: 0x5e13 (24083)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x7375 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.43.41
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 128, Ack: 180, Len: 0
Source Port: 23
Destination Port: 56392
[Stream index: 0]
[TCP Segment Len: 0]
Sequence number: 128      (relative sequence number)
[Next sequence number: 128      (relative sequence number)]
Acknowledgment number: 180      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (ACK)
Window size value: 235
[Calculated window size: 30080]
[Window size scaling factor: 128]
Checksum: 0x93da [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
    43 11.253121      10.10.41.239      10.10.43.41      TELNET      67      Telnet Data ...
Frame 43: 67 bytes on wire (536 bits), 67 bytes captured (536 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:16.329991000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959856.329991000 seconds
[Time delta from previous captured frame: 0.000038000 seconds]
[Time delta from previous displayed frame: 0.000038000 seconds]
[Time since reference or first frame: 11.253121000 seconds]
Frame Number: 43
Frame Length: 67 bytes (536 bits)
Capture Length: 67 bytes (536 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:telnet]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 53
Identification: 0x843e (33854)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x4d49 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.41.239
Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 180, Ack: 128, Len: 1
Source Port: 56392
Destination Port: 23
[Stream index: 0]
[TCP Segment Len: 1]
Sequence number: 180      (relative sequence number)
[Next sequence number: 181      (relative sequence number)]
Acknowledgment number: 128      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 229
[Calculated window size: 29312]
[Window size scaling factor: 128]
Checksum: 0x288c [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
TCP payload (1 byte)

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Telnet
  Data: j
    44 11.471855      10.10.43.41      10.10.41.239      TCP      66      23 → 56392 [ACK] Seq=128 Ack=181 Win=30080
  Len=0 TSval=298172885 TSecr=733026884
  Frame 44: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
    Encapsulation type: Ethernet (1)
    Arrival Time: Aug 22, 2018 23:14:16.548725000 IST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1534959856.548725000 seconds
    [Time delta from previous captured frame: 0.218734000 seconds]
    [Time delta from previous displayed frame: 0.218734000 seconds]
    [Time since reference or first frame: 11.471855000 seconds]
    Frame Number: 44
    Frame Length: 66 bytes (528 bits)
    Capture Length: 66 bytes (528 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ip:tcp]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
  Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
    Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
    Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
    Type: IPv4 (0x0800)
  Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
    Total Length: 52
    Identification: 0x5e14 (24084)
    Flags: 0x4000, Don't fragment
    Time to live: 64
    Protocol: TCP (6)
    Header checksum: 0x7374 [validation disabled]
    [Header checksum status: Unverified]
    Source: 10.10.43.41
    Destination: 10.10.41.239
  Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 128, Ack: 181, Len: 0
    Source Port: 23
    Destination Port: 56392
    [Stream index: 0]
    [TCP Segment Len: 0]
    Sequence number: 128 (relative sequence number)
    [Next sequence number: 128 (relative sequence number)]
    Acknowledgment number: 181 (relative ack number)
    1000 .... = Header Length: 32 bytes (8)
    Flags: 0x010 (ACK)
    Window size value: 235
    [Calculated window size: 30080]
    [Window size scaling factor: 128]
    Checksum: 0x914d [unverified]
    [Checksum Status: Unverified]
    Urgent pointer: 0
    Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    [SEQ/ACK analysis]
    [Timestamps]
    45 11.471897      10.10.41.239      10.10.43.41      TELNET    67      Telnet Data ...
  Frame 45: 67 bytes on wire (536 bits), 67 bytes captured (536 bits)
    Encapsulation type: Ethernet (1)
    Arrival Time: Aug 22, 2018 23:14:16.548767000 IST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1534959856.548767000 seconds
    [Time delta from previous captured frame: 0.000042000 seconds]
    [Time delta from previous displayed frame: 0.000042000 seconds]
    [Time since reference or first frame: 11.471897000 seconds]
    Frame Number: 45
    Frame Length: 67 bytes (536 bits)
    Capture Length: 67 bytes (536 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ip:tcp:telnet]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
  Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
    Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
    Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
    Type: IPv4 (0x0800)
  Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
    Total Length: 53
    Identification: 0x843f (33855)
    Flags: 0x4000, Don't fragment
    Time to live: 64
    Protocol: TCP (6)
    Header checksum: 0x4d48 [validation disabled]
    [Header checksum status: Unverified]
    Source: 10.10.41.239

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    Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 181, Ack: 128, Len: 1
    Source Port: 56392
    Destination Port: 23
    [Stream index: 0]
    [TCP Segment Len: 1]
    Sequence number: 181      (relative sequence number)
    [Next sequence number: 182      (relative sequence number)]
    Acknowledgment number: 128      (relative ack number)
    1000 .... = Header Length: 32 bytes (8)
    Flags: 0x018 (PSH, ACK)
    Window size value: 229
    [Calculated window size: 29312]
    [Window size scaling factor: 128]
    Checksum: 0x2370 [unverified]
    [Checksum Status: Unverified]
    Urgent pointer: 0
    Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    [SEQ/ACK analysis]
    [Timestamps]
    TCP payload (1 byte)
Telnet
    Data: m
      46 11.657279      10.10.43.41      10.10.41.239      TCP      66      23 → 56392 [ACK] Seq=128 Ack=182 Win=30080
Len=0 TSval=298173084 TSecr=733027102
Frame 46: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
    Encapsulation type: Ethernet (1)
    Arrival Time: Aug 22, 2018 23:14:16.734149000 IST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1534959856.734149000 seconds
    [Time delta from previous captured frame: 0.185382000 seconds]
    [Time delta from previous displayed frame: 0.185382000 seconds]
    [Time since reference or first frame: 11.657279000 seconds]
    Frame Number: 46
    Frame Length: 66 bytes (528 bits)
    Capture Length: 66 bytes (528 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ip:tcp]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
    Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
    Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
    Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
    Total Length: 52
    Identification: 0x5e15 (24085)
    Flags: 0x4000, Don't fragment
    Time to live: 64
    Protocol: TCP (6)
    Header checksum: 0x7373 [validation disabled]
    [Header checksum status: Unverified]
    Source: 10.10.43.41
    Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 128, Ack: 182, Len: 0
    Source Port: 23
    Destination Port: 56392
    [Stream index: 0]
    [TCP Segment Len: 0]
    Sequence number: 128      (relative sequence number)
    [Next sequence number: 128      (relative sequence number)]
    Acknowledgment number: 182      (relative ack number)
    1000 .... = Header Length: 32 bytes (8)
    Flags: 0x010 (ACK)
    Window size value: 235
    [Calculated window size: 30080]
    [Window size scaling factor: 128]
    Checksum: 0x8fab [unverified]
    [Checksum Status: Unverified]
    Urgent pointer: 0
    Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    [SEQ/ACK analysis]
    [Timestamps]
      47 11.699354      10.10.41.239      10.10.43.41      TELNET      67      Telnet Data ...
Frame 47: 67 bytes on wire (536 bits), 67 bytes captured (536 bits)
    Encapsulation type: Ethernet (1)
    Arrival Time: Aug 22, 2018 23:14:16.776224000 IST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1534959856.776224000 seconds
    [Time delta from previous captured frame: 0.042075000 seconds]
    [Time delta from previous displayed frame: 0.042075000 seconds]
    [Time since reference or first frame: 11.699354000 seconds]
    Frame Number: 47
    Frame Length: 67 bytes (536 bits)
    Capture Length: 67 bytes (536 bits)

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[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:telnet]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 53
Identification: 0x8440 (33856)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xd47 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.41.239
Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 182, Ack: 128, Len: 1
Source Port: 56392
Destination Port: 23
[Stream index: 0]
[TCP Segment Len: 1]
Sequence number: 182      (relative sequence number)
[Next sequence number: 183      (relative sequence number)]
Acknowledgment number: 128      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 229
[Calculated window size: 29312]
[Window size scaling factor: 128]
Checksum: 0x19c4 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
TCP payload (1 byte)
Telnet
Data: u
 48 12.196938      10.10.43.41      10.10.41.239      TCP      66      23 → 56392 [ACK] Seq=128 Ack=183 Win=30080
Len=0 TSval=298173370 TSecr=733027330
Frame 48: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:17.273808000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959857.273808000 seconds
[Time delta from previous captured frame: 0.497584000 seconds]
[Time delta from previous displayed frame: 0.497584000 seconds]
[Time since reference or first frame: 12.196938000 seconds]
Frame Number: 48
Frame Length: 66 bytes (528 bits)
Capture Length: 66 bytes (528 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 52
Identification: 0x5e16 (24086)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x7372 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.43.41
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 128, Ack: 183, Len: 0
Source Port: 23
Destination Port: 56392
[Stream index: 0]
[TCP Segment Len: 0]
Sequence number: 128      (relative sequence number)
[Next sequence number: 128      (relative sequence number)]
Acknowledgment number: 183      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (ACK)

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Window size value: 235
[Calculated window size: 30080]
[Window size scaling factor: 128]
Checksum: 0x8da8 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
  49 12.478593      10.10.41.239      10.10.43.41      TELNET    68      Telnet Data ...
Frame 49: 68 bytes on wire (544 bits), 68 bytes captured (544 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:17.555463000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959857.555463000 seconds
[Time delta from previous captured frame: 0.281655000 seconds]
[Time delta from previous displayed frame: 0.281655000 seconds]
[Time since reference or first frame: 12.478593000 seconds]
Frame Number: 49
Frame Length: 68 bytes (544 bits)
Capture Length: 68 bytes (544 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:telnet]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 54
Identification: 0x8441 (33857)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x4d45 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.41.239
Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 183, Ack: 128, Len: 2
Source Port: 56392
Destination Port: 23
[Stream index: 0]
[TCP Segment Len: 2]
Sequence number: 183      (relative sequence number)
[Next sequence number: 185      (relative sequence number)]
Acknowledgment number: 128      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 229
[Calculated window size: 29312]
[Window size scaling factor: 128]
Checksum: 0x7d99 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
TCP payload (2 bytes)
Telnet
  Data: \r
    50 12.993970      10.10.43.41      10.10.41.239      TCP        66      23 → 56392 [ACK] Seq=128 Ack=185 Win=30080
Len=0 TSval=298174433 TSecr=733028109
Frame 50: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:18.070840000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959858.070840000 seconds
[Time delta from previous captured frame: 0.515377000 seconds]
[Time delta from previous displayed frame: 0.515377000 seconds]
[Time since reference or first frame: 12.993970000 seconds]
Frame Number: 50
Frame Length: 66 bytes (528 bits)
Capture Length: 66 bytes (528 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
0100 .... = Version: 4

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.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 52
Identification: 0x5e17 (24087)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x7371 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.43.41
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 128, Ack: 185, Len: 0
Source Port: 23
Destination Port: 56392
[Stream index: 0]
[TCP Segment Len: 0]
Sequence number: 128      (relative sequence number)
[Next sequence number: 128      (relative sequence number)]
Acknowledgment number: 185      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (ACK)
Window size value: 235
[Calculated window size: 30080]
[Window size scaling factor: 128]
Checksum: 0x8674 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
  51 13.389331      10.10.43.41      10.10.41.239      TELNET      68      Telnet Data ...
Frame 51: 68 bytes on wire (544 bits), 68 bytes captured (544 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:18.466201000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959858.466201000 seconds
[Time delta from previous captured frame: 0.395361000 seconds]
[Time delta from previous displayed frame: 0.395361000 seconds]
[Time since reference or first frame: 13.389331000 seconds]
Frame Number: 51
Frame Length: 68 bytes (544 bits)
Capture Length: 68 bytes (544 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:telnet]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 54
Identification: 0x5e18 (24088)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x736e [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.43.41
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 128, Ack: 185, Len: 2
Source Port: 23
Destination Port: 56392
[Stream index: 0]
[TCP Segment Len: 2]
Sequence number: 128      (relative sequence number)
[Next sequence number: 130      (relative sequence number)]
Acknowledgment number: 185      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 235
[Calculated window size: 30080]
[Window size scaling factor: 128]
Checksum: 0x7960 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
TCP payload (2 bytes)
Telnet
Data: \r\n
  52 13.389359      10.10.41.239      10.10.43.41      TCP      66      56392 → 23 [ACK] Seq=185 Ack=130 Win=29312
Len=0 TSval=733029020 TSecr=298174433
Frame 52: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)

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Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:18.466229000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959858.466229000 seconds
[Time delta from previous captured frame: 0.000028000 seconds]
[Time delta from previous displayed frame: 0.000028000 seconds]
[Time since reference or first frame: 13.389359000 seconds]
Frame Number: 52
Frame Length: 66 bytes (528 bits)
Capture Length: 66 bytes (528 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 52
Identification: 0x8442 (33858)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x4d46 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.41.239
Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 185, Ack: 130, Len: 0
Source Port: 56392
Destination Port: 23
[Stream index: 0]
[TCP Segment Len: 0]
Sequence number: 185 (relative sequence number)
[Next sequence number: 185 (relative sequence number)]
Acknowledgment number: 130 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (ACK)
Window size value: 229
[Calculated window size: 29312]
[Window size scaling factor: 128]
Checksum: 0x82e9 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
53 13.692488 10.10.43.41 10.10.41.239 TELNET 636 Telnet Data ...
Frame 53: 636 bytes on wire (5088 bits), 636 bytes captured (5088 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:18.769358000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959858.769358000 seconds
[Time delta from previous captured frame: 0.303129000 seconds]
[Time delta from previous displayed frame: 0.303129000 seconds]
[Time since reference or first frame: 13.692488000 seconds]
Frame Number: 53
Frame Length: 636 bytes (5088 bits)
Capture Length: 636 bytes (5088 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:telnet]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 622
Identification: 0x5e19 (24089)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x7135 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.43.41
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 130, Ack: 185, Len: 570
Source Port: 23
Destination Port: 56392
[Stream index: 0]

```

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[ TCP Segment Len: 570 ]
Sequence number: 130      (relative sequence number)
[ Next sequence number: 700      (relative sequence number) ]
Acknowledgment number: 185      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 235
[ Calculated window size: 30080 ]
[ Window size scaling factor: 128 ]
Checksum: 0x8695 [unverified]
[ Checksum Status: Unverified ]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[ SEQ/ACK analysis ]
[ Timestamps ]
TCP payload (570 bytes)
Telnet
Data: Last login: Wed Aug 22 12:02:23 IST 2018 from 10.10.41.239 on pts/36\r\n
Data: Welcome to Ubuntu 16.04.3 LTS (GNU/Linux 4.13.0-36-generic x86_64)\r\n
Data: \r\n
Data: * Documentation:  https://help.ubuntu.com\r\n
Data: * Management:    https://landscape.canonical.com\r\n
Data: * Support:       https://ubuntu.com/advantage\r\n
Data: \r\n
Data: 247 packages can be updated.\r\n
Data: 11 updates are security updates.\r\n
Data: \r\n
Data: New release '18.04.1 LTS' available.\r\n
Data: Run 'do-release-upgrade' to upgrade to it.\r\n
Data: \r\n
Data: *** System restart required ***\r\n
Data: \033[0;32miiitjmu@iiitjmu-OptiPlex-5250-AIO: ~\a\033[01;32miiitjmu@iiitjmu-OptiPlex-5250-AIO\033[00m:\033[01;34m~\033[00m$
54 13.692520      10.10.41.239      10.10.43.41      TCP      66      56392 → 23 [ACK] Seq=185 Ack=700 Win=30464
Len=0 TSval=733029323 TSecr=298175100
Frame 54: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:18.769390000 IST
[ Time shift for this packet: 0.000000000 seconds ]
Epoch Time: 1534959858.769390000 seconds
[ Time delta from previous captured frame: 0.000032000 seconds ]
[ Time delta from previous displayed frame: 0.000032000 seconds ]
[ Time since reference or first frame: 13.692520000 seconds ]
Frame Number: 54
Frame Length: 66 bytes (528 bits)
Capture Length: 66 bytes (528 bits)
[ Frame is marked: False ]
[ Frame is ignored: False ]
[ Protocols in frame: eth:ethertype:ip:tcp ]
[ Coloring Rule Name: TCP ]
[ Coloring Rule String: tcp ]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 52
Identification: 0x8443 (33859)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x4d45 [validation disabled]
[ Header checksum status: Unverified ]
Source: 10.10.41.239
Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 185, Ack: 700, Len: 0
Source Port: 56392
Destination Port: 23
[ Stream index: 0 ]
[ TCP Segment Len: 0 ]
Sequence number: 185      (relative sequence number)
[ Next sequence number: 185      (relative sequence number) ]
Acknowledgment number: 700      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (ACK)
Window size value: 238
[ Calculated window size: 30464 ]
[ Window size scaling factor: 128 ]
Checksum: 0x7cdc [unverified]
[ Checksum Status: Unverified ]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[ SEQ/ACK analysis ]
[ Timestamps ]
55 14.532728      74.125.200.189      10.10.41.239      UDP      82      443 → 58179 Len=40
Frame 55: 82 bytes on wire (656 bits), 82 bytes captured (656 bits)
Encapsulation type: Ethernet (1)

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Arrival Time: Aug 22, 2018 23:14:19.609598000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959859.609598000 seconds
[Time delta from previous captured frame: 0.840208000 seconds]
[Time delta from previous displayed frame: 0.840208000 seconds]
[Time since reference or first frame: 14.532728000 seconds]
Frame Number: 55
Frame Length: 82 bytes (656 bits)
Capture Length: 82 bytes (656 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:udp:data]
[Coloring Rule Name: UDP]
[Coloring Rule String: udp]
Ethernet II, Src: Cisco_af:0c:64 (a0:3d:6f:af:0c:64), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 74.125.200.189, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 68
Identification: 0x0000 (0)
Flags: 0x4000, Don't fragment
Time to live: 55
Protocol: UDP (17)
Header checksum: 0xfc75 [validation disabled]
[Header checksum status: Unverified]
Source: 74.125.200.189
Destination: 10.10.41.239
User Datagram Protocol, Src Port: 443, Dst Port: 58179
Data (40 bytes)
0000  10 00 72 b8 12 05 4b 5a 49 6e 11 c7 9a da 4e eb   ..r...KZIn....N.
0010  ad 00 f2 6f 3e c8 84 d3 6e 8a 45 c9 6c b5 47 a5   ...o>...n.E.l.G.
0020  29 72 b3 b8 81 6a 18 ff                          )r...j..
      56 14.534388      74.125.200.189      10.10.41.239      UDP      61      443 → 58179 Len=19
Frame 56: 61 bytes on wire (488 bits), 61 bytes captured (488 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:19.611258000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959859.611258000 seconds
[Time delta from previous captured frame: 0.001660000 seconds]
[Time delta from previous displayed frame: 0.001660000 seconds]
[Time since reference or first frame: 14.534388000 seconds]
Frame Number: 56
Frame Length: 61 bytes (488 bits)
Capture Length: 61 bytes (488 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:udp:data]
[Coloring Rule Name: UDP]
[Coloring Rule String: udp]
Ethernet II, Src: Cisco_af:0c:64 (a0:3d:6f:af:0c:64), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 74.125.200.189, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 47
Identification: 0x0000 (0)
Flags: 0x4000, Don't fragment
Time to live: 55
Protocol: UDP (17)
Header checksum: 0xfc8a [validation disabled]
[Header checksum status: Unverified]
Source: 74.125.200.189
Destination: 10.10.41.239
User Datagram Protocol, Src Port: 443, Dst Port: 58179
Data (19 bytes)
0000  10 00 73 20 d0 50 84 9d 5b 17 fe cf ad de 09 2e   ..s .P..[.....
0010  03 f7 40                                           ..@
      57 14.541256      10.10.41.239      74.125.200.189      UDP      449      58179 → 443 Len=407
Frame 57: 449 bytes on wire (3592 bits), 449 bytes captured (3592 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:19.618126000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959859.618126000 seconds
[Time delta from previous captured frame: 0.006868000 seconds]
[Time delta from previous displayed frame: 0.006868000 seconds]
[Time since reference or first frame: 14.541256000 seconds]
Frame Number: 57
Frame Length: 449 bytes (3592 bits)
Capture Length: 449 bytes (3592 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:udp:data]

```

[Coloring Rule Name: UDP]  
[Coloring Rule String: udp]  
Ethernet II, Src: IntelCor\_33:18:7d (a0:a8:cd:33:18:7d), Dst: Cisco\_af:0c:64 (a0:3d:6f:af:0c:64)  
Destination: Cisco\_af:0c:64 (a0:3d:6f:af:0c:64)  
Source: IntelCor\_33:18:7d (a0:a8:cd:33:18:7d)  
Type: IPv4 (0x0800)  
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 74.125.200.189  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 435  
Identification: 0x556f (21871)  
Flags: 0x4000, Don't fragment  
Time to live: 64  
Protocol: UDP (17)  
Header checksum: 0x9c97 [validation disabled]  
[Header checksum status: Unverified]  
Source: 10.10.41.239  
Destination: 74.125.200.189  
User Datagram Protocol, Src Port: 58179, Dst Port: 443  
Data (407 bytes)  
0000 0c 65 a3 ac 9d a1 29 f5 86 5b f4 ec d6 a6 48 86 .e....)..[....H.  
0010 0e 82 09 cb 74 8a 7c 51 0c fb a3 d2 67 f8 a1 44 ....t.|Q....g..D  
0020 ff 26 41 8a 4c 68 bf 47 db e5 62 61 c7 4f 72 e1 .&A.Lh.G..ba.Or.  
0030 a9 1d 79 1c 07 cd ed cd ca af 89 f8 d8 ca aa 16 ..y.....  
0040 de f3 22 a9 9d 22 06 4a 3f ec 57 a4 28 e5 0d bf .."..."J?.w.(...  
0050 6a 0f d1 76 66 6f 4f dd 52 c5 05 f2 7d 72 24 b2 j..vfo0.R...}r\$.  
0060 00 a2 a1 d9 cc cc 55 73 3e ee bf 66 ce 69 20 dc 51 ....Us>..f.i .Q  
0070 8c 23 dc 13 bf 27 80 51 d1 cf 4e 7c 22 d3 c1 12 .#...'.Q..N|"...  
0080 09 02 04 d6 26 9a 72 c4 b8 03 c6 b6 0a 89 81 aa ....&.r.....  
0090 82 f2 75 3e 44 de 67 ae b6 b0 0c ed 11 37 74 be ..u>D.g.....7t.  
00a0 83 9b b1 68 a1 73 25 97 d2 f9 98 7b 05 98 01 df ...h.s%....{...  
00b0 db 7e a4 14 24 64 cd c1 20 65 8d 36 fc be 4a 0a .~..\$d.. e.6..J.  
00c0 9e 4e bc af 7e dc 9c 76 e3 e2 81 0d 54 74 a1 6f .N..~..v....Tt.o  
00d0 13 ba f0 3a 3c c5 a7 45 d0 64 dd c1 1d 64 8c a7 ...:<..E.d...d..  
00e0 a1 cd 48 70 25 1b 57 16 2f 6b 15 b5 ee 07 9e 0a ..Hp%.w./k.....  
00f0 22 7e 56 57 c7 7a fa f9 14 d5 53 e3 79 5b f6 fa "~Vw.z....S.y[..  
0100 f1 e0 f9 75 92 59 33 b2 1b 3c 85 d1 28 98 89 6f ...u.Y3..<..(..o  
0110 56 3e 88 db b3 aa ce c6 c8 5b d5 1d 39 45 c6 6d V>.....[..9E.m  
0120 7f e1 8c 25 41 dc 49 17 44 d9 93 97 3a c9 3f 7d ...%A.I.D...:?.}  
0130 e3 1b 7e 83 73 87 32 c9 f2 04 a0 90 d7 b4 6d 7c ..~.s.2.....m|  
0140 3a fb b2 61 c8 0f 88 3e 14 01 50 1c 69 be 49 cc :..a...>..P.i.I.  
0150 eb dc 3c 5b 37 3a 4c 50 4f a2 4f d5 27 cf 3f cd ..<[7:LPO.0.'?..  
0160 c8 22 2c ff 30 ec dc e7 09 d1 66 0a b4 7d fb 23 .",.0....f...}.#  
0170 65 7d 46 ac 51 76 b1 d3 93 cb 86 c1 39 85 da b1 e}F.Qv.....9...  
0180 05 c2 d2 47 34 b2 ee 93 84 e5 d9 50 54 2b 69 25 ...G4.....PT+i%  
0190 6e 82 61 34 d6 f7 f8 n.a4...  
58 14.689299 74.125.200.189 10.10.41.239 UDP 236 443 → 58179 Len=194  
Frame 58: 236 bytes on wire (1888 bits), 236 bytes captured (1888 bits)  
Encapsulation type: Ethernet (1)  
Arrival Time: Aug 22, 2018 23:14:19.766169000 IST  
[Time shift for this packet: 0.000000000 seconds]  
Epoch Time: 1534959859.766169000 seconds  
[Time delta from previous captured frame: 0.148043000 seconds]  
[Time delta from previous displayed frame: 0.148043000 seconds]  
[Time since reference or first frame: 14.689299000 seconds]  
Frame Number: 58  
Frame Length: 236 bytes (1888 bits)  
Capture Length: 236 bytes (1888 bits)  
[Frame is marked: False]  
[Frame is ignored: False]  
[Protocols in frame: eth:ethertype:ip:udp:data]  
[Coloring Rule Name: UDP]  
[Coloring Rule String: udp]  
Ethernet II, Src: Cisco\_af:0c:64 (a0:3d:6f:af:0c:64), Dst: IntelCor\_33:18:7d (a0:a8:cd:33:18:7d)  
Destination: IntelCor\_33:18:7d (a0:a8:cd:33:18:7d)  
Source: Cisco\_af:0c:64 (a0:3d:6f:af:0c:64)  
Type: IPv4 (0x0800)  
Internet Protocol Version 4, Src: 74.125.200.189, Dst: 10.10.41.239  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 222  
Identification: 0x0000 (0)  
Flags: 0x4000, Don't fragment  
Time to live: 55  
Protocol: UDP (17)  
Header checksum: 0xfbdb [validation disabled]  
[Header checksum status: Unverified]  
Source: 74.125.200.189  
Destination: 10.10.41.239  
User Datagram Protocol, Src Port: 443, Dst Port: 58179  
Data (194 bytes)  
0000 10 00 74 19 3a be 8d c6 90 f6 14 26 96 51 6b 32 ..t.:.....&.Qk2  
0010 16 f2 3d ce 98 e2 51 f7 aa 53 81 91 b9 35 50 04 ..=...Q..S...5P.  
0020 a1 1e da ad d5 b5 51 ce 3a ff e4 c5 f7 4f 91 64 .....Q:.....0.d  
0030 3d 73 57 83 c9 76 43 3b b3 be cb 00 e2 a8 67 28 =sw..vC;.....g(  
0040 fd cf 85 ff 52 00 2e f2 52 c9 30 a9 9b 32 e4 36 ....R...R.0..2.6  
0050 61 b1 14 e8 81 ad dd 8b 47 b6 b7 19 c4 b2 f8 b7 a.....G.....

0060 3c e9 2b b4 01 0b f0 da 8e dc 29 40 d3 17 05 47 <.+.....)@...G  
0070 95 37 71 91 12 93 fe 47 d6 09 66 5b 98 b8 35 8d .7q....G..f[...5.  
0080 7b ae fb b6 b6 37 f2 1a a1 9c 87 46 9a aa b1 bd {...7.....F....  
0090 31 c3 45 03 8e 63 1b 64 a4 09 9d 44 e0 13 12 6d 1.E..c.d...D...m  
00a0 b0 c1 97 4f 74 23 41 9e 9c 4b 0c 08 1e e4 b6 af ...Ot#A..K.....  
00b0 0f 75 1b 9d 82 61 68 40 06 5e 4a 58 30 2f 9b d0 .u...ah@.^JX0/..  
00c0 be 07 ..  
59 14.689331 74.125.200.189 10.10.41.239 UDP 80 443 → 58179 Len=38  
Frame 59: 80 bytes on wire (640 bits), 80 bytes captured (640 bits)  
Encapsulation type: Ethernet (1)  
Arrival Time: Aug 22, 2018 23:14:19.766201000 IST  
[Time shift for this packet: 0.000000000 seconds]  
Epoch Time: 1534959859.766201000 seconds  
[Time delta from previous captured frame: 0.000032000 seconds]  
[Time delta from previous displayed frame: 0.000032000 seconds]  
[Time since reference or first frame: 14.689331000 seconds]  
Frame Number: 59  
Frame Length: 80 bytes (640 bits)  
Capture Length: 80 bytes (640 bits)  
[Frame is marked: False]  
[Frame is ignored: False]  
[Protocols in frame: eth:ethertype:ip:udp:data]  
[Coloring Rule Name: UDP]  
[Coloring Rule String: udp]  
Ethernet II, Src: Cisco\_af:0c:64 (a0:3d:6f:af:0c:64), Dst: IntelCor\_33:18:7d (a0:a8:cd:33:18:7d)  
Destination: IntelCor\_33:18:7d (a0:a8:cd:33:18:7d)  
Source: Cisco\_af:0c:64 (a0:3d:6f:af:0c:64)  
Type: IPv4 (0x0800)  
Internet Protocol Version 4, Src: 74.125.200.189, Dst: 10.10.41.239  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 66  
Identification: 0x0000 (0)  
Flags: 0x4000, Don't fragment  
Time to live: 55  
Protocol: UDP (17)  
Header checksum: 0xfc77 [validation disabled]  
[Header checksum status: Unverified]  
Source: 74.125.200.189  
Destination: 10.10.41.239  
User Datagram Protocol, Src Port: 443, Dst Port: 58179  
Data (38 bytes)  
0000 10 00 75 66 04 b2 f5 14 e4 07 71 e1 c0 35 f9 c5 ..uf.....q..5..  
0010 f5 37 e0 f0 cb 82 05 48 0e d1 66 e1 4a dd 7f 3b .7.....H..f.J...;  
0020 1d 18 27 fd d1 e4 ...'  
60 14.713797 10.10.41.239 74.125.200.189 UDP 70 58179 → 443 Len=28  
Frame 60: 70 bytes on wire (560 bits), 70 bytes captured (560 bits)  
Encapsulation type: Ethernet (1)  
Arrival Time: Aug 22, 2018 23:14:19.790667000 IST  
[Time shift for this packet: 0.000000000 seconds]  
Epoch Time: 1534959859.790667000 seconds  
[Time delta from previous captured frame: 0.024466000 seconds]  
[Time delta from previous displayed frame: 0.024466000 seconds]  
[Time since reference or first frame: 14.713797000 seconds]  
Frame Number: 60  
Frame Length: 70 bytes (560 bits)  
Capture Length: 70 bytes (560 bits)  
[Frame is marked: False]  
[Frame is ignored: False]  
[Protocols in frame: eth:ethertype:ip:udp:data]  
[Coloring Rule Name: UDP]  
[Coloring Rule String: udp]  
Ethernet II, Src: IntelCor\_33:18:7d (a0:a8:cd:33:18:7d), Dst: Cisco\_af:0c:64 (a0:3d:6f:af:0c:64)  
Destination: Cisco\_af:0c:64 (a0:3d:6f:af:0c:64)  
Source: IntelCor\_33:18:7d (a0:a8:cd:33:18:7d)  
Type: IPv4 (0x0800)  
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 74.125.200.189  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
Total Length: 56  
Identification: 0x5570 (21872)  
Flags: 0x4000, Don't fragment  
Time to live: 64  
Protocol: UDP (17)  
Header checksum: 0x9e11 [validation disabled]  
[Header checksum status: Unverified]  
Source: 10.10.41.239  
Destination: 74.125.200.189  
User Datagram Protocol, Src Port: 58179, Dst Port: 443  
Data (28 bytes)  
0000 0c 65 a3 ac 9d a1 29 f5 86 5c ff f8 09 df c4 b2 .e....)..\\.....  
0010 40 8c 94 34 a6 79 22 0c 97 a3 0a 1a @..4.y".....  
61 17.558101 10.10.41.239 8.8.8.8 DNS 100 Standard query 0x29e5 A connectivity-  
check.ubuntu.com OPT  
Frame 61: 100 bytes on wire (800 bits), 100 bytes captured (800 bits)  
Encapsulation type: Ethernet (1)  
Arrival Time: Aug 22, 2018 23:14:22.634971000 IST

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[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959862.634971000 seconds
[Time delta from previous captured frame: 2.844304000 seconds]
[Time delta from previous displayed frame: 2.844304000 seconds]
[Time since reference or first frame: 17.558101000 seconds]
Frame Number: 61
Frame Length: 100 bytes (800 bits)
Capture Length: 100 bytes (800 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:udp:dns]
[Coloring Rule Name: UDP]
[Coloring Rule String: udp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
Destination: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 8.8.8.8
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 86
Identification: 0x355d (13661)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: UDP (17)
Header checksum: 0xc131 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.41.239
Destination: 8.8.8.8
User Datagram Protocol, Src Port: 42880, Dst Port: 53
Domain Name System (query)
    62 17.558295      10.10.41.239      8.8.8.8      DNS      100      Standard query 0xde27 AAAA connectivity-
check.ubuntu.com OPT
Frame 62: 100 bytes on wire (800 bits), 100 bytes captured (800 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:22.635165000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959862.635165000 seconds
[Time delta from previous captured frame: 0.000194000 seconds]
[Time delta from previous displayed frame: 0.000194000 seconds]
[Time since reference or first frame: 17.558295000 seconds]
Frame Number: 62
Frame Length: 100 bytes (800 bits)
Capture Length: 100 bytes (800 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:udp:dns]
[Coloring Rule Name: UDP]
[Coloring Rule String: udp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
Destination: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 8.8.8.8
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 86
Identification: 0x355e (13662)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: UDP (17)
Header checksum: 0xc130 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.41.239
Destination: 8.8.8.8
User Datagram Protocol, Src Port: 43114, Dst Port: 53
Domain Name System (query)
    63 17.812143      8.8.8.8      10.10.41.239      DNS      132      Standard query response 0x29e5 A
connectivity-check.ubuntu.com A 104.197.3.80 A 104.198.143.177 OPT
Frame 63: 132 bytes on wire (1056 bits), 132 bytes captured (1056 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:22.889013000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959862.889013000 seconds
[Time delta from previous captured frame: 0.253848000 seconds]
[Time delta from previous displayed frame: 0.253848000 seconds]
[Time since reference or first frame: 17.812143000 seconds]
Frame Number: 63
Frame Length: 132 bytes (1056 bits)
Capture Length: 132 bytes (1056 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:udp:dns]
[Coloring Rule Name: UDP]
[Coloring Rule String: udp]
Ethernet II, Src: Cisco_af:0c:64 (a0:3d:6f:af:0c:64), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)

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    Source: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
    Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 8.8.8.8, Dst: 10.10.41.239
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 118
    Identification: 0x1caa (7338)
    Flags: 0x0000
    Time to live: 118
    Protocol: UDP (17)
    Header checksum: 0xe3c4 [validation disabled]
    [Header checksum status: Unverified]
    Source: 8.8.8.8
    Destination: 10.10.41.239
User Datagram Protocol, Src Port: 53, Dst Port: 42880
Domain Name System (response)
    64 17.812164      8.8.8.8          10.10.41.239      DNS      161      Standard query response 0xde27 AAAA
connectivity-check.ubuntu.com SOA ns1.canonical.com OPT
Frame 64: 161 bytes on wire (1288 bits), 161 bytes captured (1288 bits)
    Encapsulation type: Ethernet (1)
    Arrival Time: Aug 22, 2018 23:14:22.889034000 IST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1534959862.889034000 seconds
    [Time delta from previous captured frame: 0.000021000 seconds]
    [Time delta from previous displayed frame: 0.000021000 seconds]
    [Time since reference or first frame: 17.812164000 seconds]
    Frame Number: 64
    Frame Length: 161 bytes (1288 bits)
    Capture Length: 161 bytes (1288 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ip:udp:dns]
    [Coloring Rule Name: UDP]
    [Coloring Rule String: udp]
Ethernet II, Src: Cisco_af:0c:64 (a0:3d:6f:af:0c:64), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
    Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
    Source: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
    Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 8.8.8.8, Dst: 10.10.41.239
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 147
    Identification: 0x14fc (5372)
    Flags: 0x0000
    Time to live: 118
    Protocol: UDP (17)
    Header checksum: 0xeb55 [validation disabled]
    [Header checksum status: Unverified]
    Source: 8.8.8.8
    Destination: 10.10.41.239
User Datagram Protocol, Src Port: 53, Dst Port: 43114
Domain Name System (response)
    65 17.945225      10.10.41.239      74.125.200.188    TCP      66      48872 → 443 [ACK] Seq=1 Ack=1 Win=339 Len=0
TSval=2973558383 TSecr=1894995926
Frame 65: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
    Encapsulation type: Ethernet (1)
    Arrival Time: Aug 22, 2018 23:14:23.022095000 IST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1534959863.022095000 seconds
    [Time delta from previous captured frame: 0.133061000 seconds]
    [Time delta from previous displayed frame: 0.133061000 seconds]
    [Time since reference or first frame: 17.945225000 seconds]
    Frame Number: 65
    Frame Length: 66 bytes (528 bits)
    Capture Length: 66 bytes (528 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ip:tcp]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
    Destination: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
    Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
    Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 74.125.200.188
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 52
    Identification: 0x0abb (2747)
    Flags: 0x4000, Don't fragment
    Time to live: 64
    Protocol: TCP (6)
    Header checksum: 0xe8d6 [validation disabled]
    [Header checksum status: Unverified]
    Source: 10.10.41.239
    Destination: 74.125.200.188

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Transmission Control Protocol, Src Port: 48872, Dst Port: 443, Seq: 1, Ack: 1, Len: 0
  Source Port: 48872
  Destination Port: 443
  [Stream index: 1]
  [TCP Segment Len: 0]
  Sequence number: 1      (relative sequence number)
  [Next sequence number: 1      (relative sequence number)]
  Acknowledgment number: 1      (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x010 (ACK)
  Window size value: 339
  [Calculated window size: 339]
  [Window size scaling factor: -1 (unknown)]
  Checksum: 0xa3fb [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  [Timestamps]
    66 18.312477      10.10.41.239      10.10.43.41      TELNET      67      Telnet Data ...
Frame 66: 67 bytes on wire (536 bits), 67 bytes captured (536 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:23.389347000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959863.389347000 seconds
  [Time delta from previous captured frame: 0.367252000 seconds]
  [Time delta from previous displayed frame: 0.367252000 seconds]
  [Time since reference or first frame: 18.312477000 seconds]
  Frame Number: 66
  Frame Length: 67 bytes (536 bits)
  Capture Length: 67 bytes (536 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp:telnet]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
  Total Length: 53
  Identification: 0x8444 (33860)
  Flags: 0x4000, Don't fragment
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x4d43 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.10.41.239
  Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 185, Ack: 700, Len: 1
  Source Port: 56392
  Destination Port: 23
  [Stream index: 0]
  [TCP Segment Len: 1]
  Sequence number: 185      (relative sequence number)
  [Next sequence number: 186      (relative sequence number)]
  Acknowledgment number: 700      (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x018 (PSH, ACK)
  Window size value: 238
  [Calculated window size: 30464]
  [Window size scaling factor: 128]
  Checksum: 0x67c7 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  [SEQ/ACK analysis]
  [Timestamps]
  TCP payload (1 byte)
Telnet
  Data: \003
    67 18.558954      10.10.41.239      104.197.3.80      TCP      74      41488 → 80 [SYN] Seq=0 Win=29200 Len=0
MSS=1460 SACK_PERM=1 TSval=189079494 TSecr=0 WS=128
Frame 67: 74 bytes on wire (592 bits), 74 bytes captured (592 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:23.635824000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959863.635824000 seconds
  [Time delta from previous captured frame: 0.246477000 seconds]
  [Time delta from previous displayed frame: 0.246477000 seconds]
  [Time since reference or first frame: 18.558954000 seconds]
  Frame Number: 67
  Frame Length: 74 bytes (592 bits)
  Capture Length: 74 bytes (592 bits)
  [Frame is marked: False]
  [Frame is ignored: False]

```



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[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: HTTP]
[Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
Destination: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 104.197.3.80
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 60
Identification: 0xf155 (61781)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xa958 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.41.239
Destination: 104.197.3.80
Transmission Control Protocol, Src Port: 41488, Dst Port: 80, Seq: 0, Len: 0
Source Port: 41488
Destination Port: 80
[Stream index: 2]
[TCP Segment Len: 0]
Sequence number: 0 (relative sequence number)
[Next sequence number: 0 (relative sequence number)]
Acknowledgment number: 0
1010 .... = Header Length: 40 bytes (10)
Flags: 0x002 (SYN)
Window size value: 29200
[Calculated window size: 29200]
Checksum: 0xaa8a [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (20 bytes), Maximum segment size, SACK permitted, Timestamps, No-Operation (NOP), Window scale
[Timestamps]
68 18.977403 74.125.200.188 10.10.41.239 TCP 66 [TCP ACKed unseen segment] 443 → 48872 [ACK]
Seq=1 Ack=2 Win=244 Len=0 TSval=1895041836 TSecr=2973190932
Frame 68: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:24.054273000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959864.054273000 seconds
[Time delta from previous captured frame: 0.418449000 seconds]
[Time delta from previous displayed frame: 0.418449000 seconds]
[Time since reference or first frame: 18.977403000 seconds]
Frame Number: 68
Frame Length: 66 bytes (528 bits)
Capture Length: 66 bytes (528 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: Bad TCP]
[Coloring Rule String: tcp.analysis.flags && !tcp.analysis.window_update]
Ethernet II, Src: Cisco_af:0c:64 (a0:3d:6f:af:0c:64), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 74.125.200.188, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xee37 (60983)
Flags: 0x0000
Time to live: 55
Protocol: TCP (6)
Header checksum: 0x4e5a [validation disabled]
[Header checksum status: Unverified]
Source: 74.125.200.188
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 443, Dst Port: 48872, Seq: 1, Ack: 2, Len: 0
Source Port: 443
Destination Port: 48872
[Stream index: 1]
[TCP Segment Len: 0]
Sequence number: 1 (relative sequence number)
[Next sequence number: 1 (relative sequence number)]
Acknowledgment number: 2 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (ACK)
Window size value: 244
[Calculated window size: 244]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x8c63 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps

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[SEQ/ACK analysis]
[Timestamps]
 69 19.545274      10.10.41.239      10.10.43.41      TCP      67      [TCP Keep-Alive] 56392 → 23 [PSH, ACK]
Seq=185 Ack=700 Win=30464 Len=1 TSval=733035176 TSecr=298175100
Frame 69: 67 bytes on wire (536 bits), 67 bytes captured (536 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:24.622144000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959864.622144000 seconds
  [Time delta from previous captured frame: 0.567871000 seconds]
  [Time delta from previous displayed frame: 0.567871000 seconds]
  [Time since reference or first frame: 19.545274000 seconds]
  Frame Number: 69
  Frame Length: 67 bytes (536 bits)
  Capture Length: 67 bytes (536 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp:data]
  [Coloring Rule Name: Bad TCP]
  [Coloring Rule String: tcp.analysis.flags && !tcp.analysis.window_update]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
  Total Length: 53
  Identification: 0x8445 (33861)
  Flags: 0x4000, Don't fragment
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x4d42 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.10.41.239
  Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 185, Ack: 700, Len: 1
  Source Port: 56392
  Destination Port: 23
  [Stream index: 0]
  [TCP Segment Len: 1]
  Sequence number: 185      (relative sequence number)
  [Next sequence number: 186      (relative sequence number)]
  Acknowledgment number: 700      (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x018 (PSH, ACK)
  Window size value: 238
  [Calculated window size: 30464]
  [Window size scaling factor: 128]
  Checksum: 0x62f6 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  [SEQ/ACK analysis]
  [Timestamps]
  TCP payload (1 byte)
Data (1 byte)
0000 03
  70 19.577246      10.10.41.239      104.197.3.80      TCP      74      [TCP Retransmission] 41488 → 80 [SYN] Seq=0
Win=29200 Len=0 MSS=1460 SACK_PERM=1 TSval=189080513 TSecr=0 WS=128
Frame 70: 74 bytes on wire (592 bits), 74 bytes captured (592 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:24.654116000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959864.654116000 seconds
  [Time delta from previous captured frame: 0.031972000 seconds]
  [Time delta from previous displayed frame: 0.031972000 seconds]
  [Time since reference or first frame: 19.577246000 seconds]
  Frame Number: 70
  Frame Length: 74 bytes (592 bits)
  Capture Length: 74 bytes (592 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp]
  [Coloring Rule Name: Bad TCP]
  [Coloring Rule String: tcp.analysis.flags && !tcp.analysis.window_update]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
  Destination: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
  Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 104.197.3.80
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 60
  Identification: 0xf156 (61782)
  Flags: 0x4000, Don't fragment
  Time to live: 64

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```

Protocol: TCP (6)
Header checksum: 0xa957 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.41.239
Destination: 104.197.3.80
Transmission Control Protocol, Src Port: 41488, Dst Port: 80, Seq: 0, Len: 0
Source Port: 41488
Destination Port: 80
[Stream index: 2]
[TCP Segment Len: 0]
Sequence number: 0 (relative sequence number)
[Next sequence number: 0 (relative sequence number)]
Acknowledgment number: 0
1010 .... = Header Length: 40 bytes (10)
Flags: 0x002 (SYN)
Window size value: 29200
[Calculated window size: 29200]
Checksum: 0xa68f [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (20 bytes), Maximum segment size, SACK permitted, Timestamps, No-Operation (NOP), Window scale
[SEQ/ACK analysis]
[Timestamps]
  71 19.916658      104.197.3.80      10.10.41.239      TCP      74      80 → 41488 [SYN, ACK] Seq=0 Ack=1 Win=28160
Len=0 MSS=1420 SACK_PERM=1 TSval=173845402 TSecr=189079494 WS=128
Frame 71: 74 bytes on wire (592 bits), 74 bytes captured (592 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:24.993528000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959864.993528000 seconds
[Time delta from previous captured frame: 0.339412000 seconds]
[Time delta from previous displayed frame: 0.339412000 seconds]
[Time since reference or first frame: 19.916658000 seconds]
Frame Number: 71
Frame Length: 74 bytes (592 bits)
Capture Length: 74 bytes (592 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: HTTP]
[Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: Cisco_af:0c:64 (a0:3d:6f:af:0c:64), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 104.197.3.80, Dst: 10.10.41.239
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: 0x4000, Don't fragment
Time to live: 49
Protocol: TCP (6)
Header checksum: 0xa9ae [validation disabled]
[Header checksum status: Unverified]
Source: 104.197.3.80
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 80, Dst Port: 41488, Seq: 0, Ack: 1, Len: 0
Source Port: 80
Destination Port: 41488
[Stream index: 2]
[TCP Segment Len: 0]
Sequence number: 0 (relative sequence number)
[Next sequence number: 0 (relative sequence number)]
Acknowledgment number: 1 (relative ack number)
1010 .... = Header Length: 40 bytes (10)
Flags: 0x012 (SYN, ACK)
Window size value: 28160
[Calculated window size: 28160]
Checksum: 0x7210 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (20 bytes), Maximum segment size, SACK permitted, Timestamps, No-Operation (NOP), Window scale
[SEQ/ACK analysis]
[Timestamps]
  72 19.916726      10.10.41.239      104.197.3.80      TCP      66      41488 → 80 [ACK] Seq=1 Ack=1 Win=29312 Len=0
TSval=189080852 TSecr=173845402
Frame 72: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:24.993596000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959864.993596000 seconds
[Time delta from previous captured frame: 0.000068000 seconds]
[Time delta from previous displayed frame: 0.000068000 seconds]
[Time since reference or first frame: 19.916726000 seconds]
Frame Number: 72
Frame Length: 66 bytes (528 bits)
Capture Length: 66 bytes (528 bits)

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[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: HTTP]
[Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
Destination: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 104.197.3.80
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xf157 (61783)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xa95e [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.41.239
Destination: 104.197.3.80
Transmission Control Protocol, Src Port: 41488, Dst Port: 80, Seq: 1, Ack: 1, Len: 0
Source Port: 41488
Destination Port: 80
[Stream index: 2]
[TCP Segment Len: 0]
Sequence number: 1 (relative sequence number)
[Next sequence number: 1 (relative sequence number)]
Acknowledgment number: 1 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (ACK)
Window size value: 229
[Calculated window size: 29312]
[Window size scaling factor: 128]
Checksum: 0x0882 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
73 19.916916 10.10.41.239 104.197.3.80 HTTP 153 GET / HTTP/1.1
Frame 73: 153 bytes on wire (1224 bits), 153 bytes captured (1224 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:24.993786000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959864.993786000 seconds
[Time delta from previous captured frame: 0.000190000 seconds]
[Time delta from previous displayed frame: 0.000190000 seconds]
[Time since reference or first frame: 19.916916000 seconds]
Frame Number: 73
Frame Length: 153 bytes (1224 bits)
Capture Length: 153 bytes (1224 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:http]
[Coloring Rule Name: HTTP]
[Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
Destination: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 104.197.3.80
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 139
Identification: 0xf158 (61784)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xa906 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.41.239
Destination: 104.197.3.80
Transmission Control Protocol, Src Port: 41488, Dst Port: 80, Seq: 1, Ack: 1, Len: 87
Source Port: 41488
Destination Port: 80
[Stream index: 2]
[TCP Segment Len: 87]
Sequence number: 1 (relative sequence number)
[Next sequence number: 88 (relative sequence number)]
Acknowledgment number: 1 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 229
[Calculated window size: 29312]
[Window size scaling factor: 128]
Checksum: 0x46db [unverified]

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[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
TCP payload (87 bytes)
Hypertext Transfer Protocol
  74 20.762271      10.10.43.41      10.10.41.239      TELNET    67      Telnet Data ...[Malformed Packet]
Frame 74: 67 bytes on wire (536 bits), 67 bytes captured (536 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:25.839141000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959865.839141000 seconds
  [Time delta from previous captured frame: 0.845355000 seconds]
  [Time delta from previous displayed frame: 0.845355000 seconds]
  [Time since reference or first frame: 20.762271000 seconds]
  Frame Number: 74
  Frame Length: 67 bytes (536 bits)
  Capture Length: 67 bytes (536 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp:telnet]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
  Total Length: 53
  Identification: 0x5e1a (24090)
  Flags: 0x4000, Don't fragment
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x736d [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.10.43.41
  Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 700, Ack: 186, Len: 1
  Source Port: 23
  Destination Port: 56392
  [Stream index: 0]
  [TCP Segment Len: 1]
  Sequence number: 700      (relative sequence number)
  [Next sequence number: 701      (relative sequence number)]
  Acknowledgment number: 186      (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x038 (PSH, ACK, URG)
  Window size value: 235
  [Calculated window size: 30080]
  [Window size scaling factor: 128]
  Checksum: 0x54f7 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 1
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  [SEQ/ACK analysis]
  [Timestamps]
  TCP payload (1 byte)
Telnet
[Malformed Packet: TELNET]
  75 20.762316      10.10.41.239      10.10.43.41      TELNET    67      Telnet Data ...
Frame 75: 67 bytes on wire (536 bits), 67 bytes captured (536 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:25.839186000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959865.839186000 seconds
  [Time delta from previous captured frame: 0.000045000 seconds]
  [Time delta from previous displayed frame: 0.000045000 seconds]
  [Time since reference or first frame: 20.762316000 seconds]
  Frame Number: 75
  Frame Length: 67 bytes (536 bits)
  Capture Length: 67 bytes (536 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp:telnet]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
  Total Length: 53

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Identification: 0x8446 (33862)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x4d41 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.41.239
Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 186, Ack: 701, Len: 1
Source Port: 56392
Destination Port: 23
[Stream index: 0]
[TCP Segment Len: 1]
Sequence number: 186      (relative sequence number)
[Next sequence number: 187      (relative sequence number)]
Acknowledgment number: 701      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 238
[Calculated window size: 30464]
[Window size scaling factor: 128]
Checksum: 0x4683 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
TCP payload (1 byte)
Telnet
Data: \004
76 20.762350      10.10.43.41      10.10.41.239      TELNET      71      Telnet Data ...
Frame 76: 71 bytes on wire (568 bits), 71 bytes captured (568 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:25.839220000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959865.839220000 seconds
[Time delta from previous captured frame: 0.000034000 seconds]
[Time delta from previous displayed frame: 0.000034000 seconds]
[Time since reference or first frame: 20.762350000 seconds]
Frame Number: 76
Frame Length: 71 bytes (568 bits)
Capture Length: 71 bytes (568 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:telnet]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 57
Identification: 0x5e1b (24091)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x7368 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.43.41
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 701, Ack: 186, Len: 5
Source Port: 23
Destination Port: 56392
[Stream index: 0]
[TCP Segment Len: 5]
Sequence number: 701      (relative sequence number)
[Next sequence number: 706      (relative sequence number)]
Acknowledgment number: 186      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 235
[Calculated window size: 30080]
[Window size scaling factor: 128]
Checksum: 0x14a7 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
TCP payload (5 bytes)
Telnet
Data: \357\277\275^C\r\n
77 20.762365      10.10.43.41      10.10.41.239      TELNET      166      Telnet Data ...
Frame 77: 166 bytes on wire (1328 bits), 166 bytes captured (1328 bits)
Encapsulation type: Ethernet (1)

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```

Arrival Time: Aug 22, 2018 23:14:25.839235000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959865.839235000 seconds
[Time delta from previous captured frame: 0.000015000 seconds]
[Time delta from previous displayed frame: 0.000015000 seconds]
[Time since reference or first frame: 20.762365000 seconds]
Frame Number: 77
Frame Length: 166 bytes (1328 bits)
Capture Length: 166 bytes (1328 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:telnet]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 152
Identification: 0x5e1c (24092)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x7308 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.43.41
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 706, Ack: 186, Len: 100
Source Port: 23
Destination Port: 56392
[Stream index: 0]
[TCP Segment Len: 100]
Sequence number: 706 (relative sequence number)
[Next sequence number: 806 (relative sequence number)]
Acknowledgment number: 186 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 235
[Calculated window size: 30080]
[Window size scaling factor: 128]
Checksum: 0x420a [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
TCP payload (100 bytes)
Telnet
Data: \033[0;iitjmu@iitjmu-OptiPlex-5250-AIO: ~\a\033[01;32mitjmu@iitjmu-OptiPlex-5250-AIO\033[00m:\033[01;34m~\033[00m$
78 20.762375 104.197.3.80 10.10.41.239 TCP 74 [TCP Retransmission] 80 → 41488 [SYN, ACK]
Seq=0 Ack=1 Win=28160 Len=0 MSS=1420 SACK_PERM=1 TSval=173846395 TSecr=189079494 WS=128
Frame 78: 74 bytes on wire (592 bits), 74 bytes captured (592 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:25.839245000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959865.839245000 seconds
[Time delta from previous captured frame: 0.000010000 seconds]
[Time delta from previous displayed frame: 0.000010000 seconds]
[Time since reference or first frame: 20.762375000 seconds]
Frame Number: 78
Frame Length: 74 bytes (592 bits)
Capture Length: 74 bytes (592 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: Bad TCP]
[Coloring Rule String: tcp.analysis.flags && !tcp.analysis.window_update]
Ethernet II, Src: Cisco_af:0c:64 (a0:3d:6f:af:0c:64), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 104.197.3.80, Dst: 10.10.41.239
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: 0x4000, Don't fragment
Time to live: 49
Protocol: TCP (6)
Header checksum: 0xa9ae [validation disabled]
[Header checksum status: Unverified]
Source: 104.197.3.80
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 80, Dst Port: 41488, Seq: 0, Ack: 1, Len: 0

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```

Source Port: 80
Destination Port: 41488
[Stream index: 2]
[TCP Segment Len: 0]
Sequence number: 0      (relative sequence number)
[Next sequence number: 0      (relative sequence number)]
Acknowledgment number: 1      (relative ack number)
1010 .... = Header Length: 40 bytes (10)
Flags: 0x012 (SYN, ACK)
Window size value: 28160
[Calculated window size: 28160]
Checksum: 0x6e2f [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (20 bytes), Maximum segment size, SACK permitted, Timestamps, No-Operation (NOP), Window scale
[SEQ/ACK analysis]
[Timestamps]
  79 20.762386      10.10.41.239      104.197.3.80      TCP      66      [TCP Dup ACK 72#1] 41488 → 80 [ACK] Seq=88
Ack=1 Win=29312 Len=0 TSval=189081698 TSecr=173845402
Frame 79: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:25.839256000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959865.839256000 seconds
  [Time delta from previous captured frame: 0.000011000 seconds]
  [Time delta from previous displayed frame: 0.000011000 seconds]
  [Time since reference or first frame: 20.762386000 seconds]
  Frame Number: 79
  Frame Length: 66 bytes (528 bits)
  Capture Length: 66 bytes (528 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp]
  [Coloring Rule Name: Bad TCP]
  [Coloring Rule String: tcp.analysis.flags && !tcp.analysis.window_update]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
  Destination: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
  Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 104.197.3.80
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0xf159 (61785)
  Flags: 0x4000, Don't fragment
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0xa95c [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.10.41.239
  Destination: 104.197.3.80
Transmission Control Protocol, Src Port: 41488, Dst Port: 80, Seq: 88, Ack: 1, Len: 0
  Source Port: 41488
  Destination Port: 80
  [Stream index: 2]
  [TCP Segment Len: 0]
  Sequence number: 88      (relative sequence number)
  [Next sequence number: 88      (relative sequence number)]
  Acknowledgment number: 1      (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x010 (ACK)
  Window size value: 229
  [Calculated window size: 29312]
  [Window size scaling factor: 128]
  Checksum: 0x04dd [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  [SEQ/ACK analysis]
  [Timestamps]
    80 20.762406      104.197.3.80      10.10.41.239      TCP      66      80 → 41488 [ACK] Seq=1 Ack=88 Win=28160
Len=0 TSval=173846732 TSecr=189080852
Frame 80: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:25.839276000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959865.839276000 seconds
  [Time delta from previous captured frame: 0.000020000 seconds]
  [Time delta from previous displayed frame: 0.000020000 seconds]
  [Time since reference or first frame: 20.762406000 seconds]
  Frame Number: 80
  Frame Length: 66 bytes (528 bits)
  Capture Length: 66 bytes (528 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp]
  [Coloring Rule Name: HTTP]
  [Coloring Rule String: http || tcp.port == 80 || http2]

```



```

Ethernet II, Src: Cisco_af:0c:64 (a0:3d:6f:af:0c:64), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Source: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 104.197.3.80, Dst: 10.10.41.239
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0x38a3 (14499)
  Flags: 0x4000, Don't fragment
  Time to live: 49
  Protocol: TCP (6)
  Header checksum: 0x7113 [validation disabled]
  [Header checksum status: Unverified]
  Source: 104.197.3.80
  Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 80, Dst Port: 41488, Seq: 1, Ack: 88, Len: 0
  Source Port: 80
  Destination Port: 41488
  [Stream index: 2]
  [TCP Segment Len: 0]
  Sequence number: 1 (relative sequence number)
  [Next sequence number: 1 (relative sequence number)]
  Acknowledgment number: 88 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x010 (ACK)
  Window size value: 220
  [Calculated window size: 28160]
  [Window size scaling factor: 128]
  Checksum: 0x0302 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  [SEQ/ACK analysis]
  [Timestamps]
    81 20.762410 10.10.41.239 10.10.43.41 TCP 66 56392 → 23 [ACK] Seq=187 Ack=806 Win=30464
Len=0 TSval=733036393 TSecr=298180909
Frame 81: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:25.839280000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959865.839280000 seconds
  [Time delta from previous captured frame: 0.000004000 seconds]
  [Time delta from previous displayed frame: 0.000004000 seconds]
  [Time since reference or first frame: 20.762410000 seconds]
  Frame Number: 81
  Frame Length: 66 bytes (528 bits)
  Capture Length: 66 bytes (528 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
  Total Length: 52
  Identification: 0x8447 (33863)
  Flags: 0x4000, Don't fragment
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x4d41 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.10.41.239
  Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 187, Ack: 806, Len: 0
  Source Port: 56392
  Destination Port: 23
  [Stream index: 0]
  [TCP Segment Len: 0]
  Sequence number: 187 (relative sequence number)
  [Next sequence number: 187 (relative sequence number)]
  Acknowledgment number: 806 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x010 (ACK)
  Window size value: 238
  [Calculated window size: 30464]
  [Window size scaling factor: 128]
  Checksum: 0x4a21 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  [SEQ/ACK analysis]

```

```

[Timestamps]
 82 20.762428      104.197.3.80      10.10.41.239      HTTP      214      HTTP/1.1 204 No Content
Frame 82: 214 bytes on wire (1712 bits), 214 bytes captured (1712 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:25.839298000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959865.839298000 seconds
[Time delta from previous captured frame: 0.000018000 seconds]
[Time delta from previous displayed frame: 0.000018000 seconds]
[Time since reference or first frame: 20.762428000 seconds]
Frame Number: 82
Frame Length: 214 bytes (1712 bits)
Capture Length: 214 bytes (1712 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:http]
[Coloring Rule Name: HTTP]
[Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: Cisco_af:0c:64 (a0:3d:6f:af:0c:64), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 104.197.3.80, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 200
Identification: 0x38a4 (14500)
Flags: 0x4000, Don't fragment
Time to live: 49
Protocol: TCP (6)
Header checksum: 0x707e [validation disabled]
[Header checksum status: Unverified]
Source: 104.197.3.80
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 80, Dst Port: 41488, Seq: 1, Ack: 88, Len: 148
Source Port: 80
Destination Port: 41488
[Stream index: 2]
[TCP Segment Len: 148]
Sequence number: 1 (relative sequence number)
[Next sequence number: 149 (relative sequence number)]
Acknowledgment number: 88 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 220
[Calculated window size: 28160]
[Window size scaling factor: 128]
Checksum: 0x8c5e [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
TCP payload (148 bytes)
Hypertext Transfer Protocol
 83 20.762448      10.10.41.239      104.197.3.80      TCP      66      41488 → 80 [ACK] Seq=88 Ack=149 Win=30336
Len=0 TSval=189081698 TSecr=173846732
Frame 83: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:25.839318000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959865.839318000 seconds
[Time delta from previous captured frame: 0.000020000 seconds]
[Time delta from previous displayed frame: 0.000020000 seconds]
[Time since reference or first frame: 20.762448000 seconds]
Frame Number: 83
Frame Length: 66 bytes (528 bits)
Capture Length: 66 bytes (528 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: HTTP]
[Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
Destination: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 104.197.3.80
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xf15a (61786)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xa95b [validation disabled]
[Header checksum status: Unverified]

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Source: 10.10.41.239
Destination: 104.197.3.80
Transmission Control Protocol, Src Port: 41488, Dst Port: 80, Seq: 88, Ack: 149, Len: 0
Source Port: 41488
Destination Port: 80
[Stream index: 2]
[TCP Segment Len: 0]
Sequence number: 88      (relative sequence number)
[Next sequence number: 88      (relative sequence number)]
Acknowledgment number: 149      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (ACK)
Window size value: 237
[Calculated window size: 30336]
[Window size scaling factor: 128]
Checksum: 0xff0e [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
  84 20.762471      104.197.3.80      10.10.41.239      TCP      66      80 → 41488 [FIN, ACK] Seq=149 Ack=88
Win=28160 Len=0 TSval=173846732 TSecr=189080852
Frame 84: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:25.839341000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959865.839341000 seconds
  [Time delta from previous captured frame: 0.000023000 seconds]
  [Time delta from previous displayed frame: 0.000023000 seconds]
  [Time since reference or first frame: 20.762471000 seconds]
  Frame Number: 84
  Frame Length: 66 bytes (528 bits)
  Capture Length: 66 bytes (528 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp]
  [Coloring Rule Name: HTTP]
  [Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: Cisco_af:0c:64 (a0:3d:6f:af:0c:64), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 104.197.3.80, Dst: 10.10.41.239
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0x38a5 (14501)
  Flags: 0x4000, Don't fragment
  Time to live: 49
  Protocol: TCP (6)
  Header checksum: 0x7111 [validation disabled]
  [Header checksum status: Unverified]
  Source: 104.197.3.80
  Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 80, Dst Port: 41488, Seq: 149, Ack: 88, Len: 0
Source Port: 80
Destination Port: 41488
[Stream index: 2]
[TCP Segment Len: 0]
Sequence number: 149      (relative sequence number)
[Next sequence number: 149      (relative sequence number)]
Acknowledgment number: 88      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x011 (FIN, ACK)
Window size value: 220
[Calculated window size: 28160]
[Window size scaling factor: 128]
Checksum: 0x026d [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[Timestamps]
  85 20.762487      10.10.43.41      10.10.41.239      TCP      78      [TCP Dup ACK 74#1] 23 → 56392 [ACK] Seq=806
Ack=186 Win=30080 Len=0 TSval=298181792 TSecr=733035176 SLE=185 SRE=186
Frame 85: 78 bytes on wire (624 bits), 78 bytes captured (624 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:25.839357000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959865.839357000 seconds
  [Time delta from previous captured frame: 0.000016000 seconds]
  [Time delta from previous displayed frame: 0.000016000 seconds]
  [Time since reference or first frame: 20.762487000 seconds]
  Frame Number: 85
  Frame Length: 78 bytes (624 bits)
  Capture Length: 78 bytes (624 bits)
  [Frame is marked: False]
  [Frame is ignored: False]

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[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: Bad TCP]
[Coloring Rule String: tcp.analysis.flags && !tcp.analysis.window_update]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 64
Identification: 0x5e1d (24093)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x735f [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.43.41
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 806, Ack: 186, Len: 0
Source Port: 23
Destination Port: 56392
[Stream index: 0]
[TCP Segment Len: 0]
Sequence number: 806 (relative sequence number)
[Next sequence number: 806 (relative sequence number)]
Acknowledgment number: 186 (relative ack number)
1011 .... = Header Length: 44 bytes (11)
Flags: 0x010 (ACK)
Window size value: 235
[Calculated window size: 30080]
[Window size scaling factor: 128]
Checksum: 0x9b31 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (24 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps, No-Operation (NOP), No-Operation (NOP), SACK
[SEQ/ACK analysis]
[Timestamps]
86 20.762497 10.10.43.41 10.10.41.239 TELNET 166 [TCP Spurious Retransmission] Telnet Data
...
Frame 86: 166 bytes on wire (1328 bits), 166 bytes captured (1328 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:25.839367000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959865.839367000 seconds
[Time delta from previous captured frame: 0.000010000 seconds]
[Time delta from previous displayed frame: 0.000010000 seconds]
[Time since reference or first frame: 20.762497000 seconds]
Frame Number: 86
Frame Length: 166 bytes (1328 bits)
Capture Length: 166 bytes (1328 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:telnet]
[Coloring Rule Name: Bad TCP]
[Coloring Rule String: tcp.analysis.flags && !tcp.analysis.window_update]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 152
Identification: 0x5e1e (24094)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x7306 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.43.41
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 706, Ack: 186, Len: 100
Source Port: 23
Destination Port: 56392
[Stream index: 0]
[TCP Segment Len: 100]
Sequence number: 706 (relative sequence number)
[Next sequence number: 806 (relative sequence number)]
Acknowledgment number: 186 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 235
[Calculated window size: 30080]
[Window size scaling factor: 128]
Checksum: 0x381f [unverified]
[Checksum Status: Unverified]

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    Urgent pointer: 0
    Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    [SEQ/ACK analysis]
    [Timestamps]
    TCP payload (100 bytes)
Telnet
    Data: \033[0;itjmu@iitjmu-OptiPlex-5250-AIO: ~\a\033[01;32mitjmu@iitjmu-OptiPlex-5250-AIO\033[00m:\033[01;34m~\033[00m$
      87 20.762504      10.10.41.239      10.10.43.41      TCP      78      [TCP Dup ACK 81#1] 56392 → 23 [ACK] Seq=187
Ack=806 Win=30464 Len=0 TSval=733036393 TSecr=298182215 SLE=706 SRE=806
Frame 87: 78 bytes on wire (624 bits), 78 bytes captured (624 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:25.839374000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959865.839374000 seconds
  [Time delta from previous captured frame: 0.000007000 seconds]
  [Time delta from previous displayed frame: 0.000007000 seconds]
  [Time since reference or first frame: 20.762504000 seconds]
  Frame Number: 87
  Frame Length: 78 bytes (624 bits)
  Capture Length: 78 bytes (624 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp]
  [Coloring Rule Name: Bad TCP]
  [Coloring Rule String: tcp.analysis.flags && !tcp.analysis.window_update]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
  Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
  Total Length: 64
  Identification: 0x8448 (33864)
  Flags: 0x4000, Don't fragment
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x4d34 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.10.41.239
  Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 187, Ack: 806, Len: 0
  Source Port: 56392
  Destination Port: 23
  [Stream index: 0]
  [TCP Segment Len: 0]
  Sequence number: 187 (relative sequence number)
  [Next sequence number: 187 (relative sequence number)]
  Acknowledgment number: 806 (relative ack number)
  1011 .... = Header Length: 44 bytes (11)
  Flags: 0x010 (ACK)
  Window size value: 238
  [Calculated window size: 30464]
  [Window size scaling factor: 128]
  Checksum: 0x7956 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (24 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps, No-Operation (NOP), No-Operation (NOP), SACK
  [SEQ/ACK analysis]
  [Timestamps]
      88 20.762597      10.10.41.239      104.197.3.80      TCP      66      41488 → 80 [FIN, ACK] Seq=88 Ack=150
Win=30336 Len=0 TSval=189081698 TSecr=173846732
Frame 88: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:25.839467000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959865.839467000 seconds
  [Time delta from previous captured frame: 0.000093000 seconds]
  [Time delta from previous displayed frame: 0.000093000 seconds]
  [Time since reference or first frame: 20.762597000 seconds]
  Frame Number: 88
  Frame Length: 66 bytes (528 bits)
  Capture Length: 66 bytes (528 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp]
  [Coloring Rule Name: HTTP]
  [Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
  Destination: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
  Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 104.197.3.80
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0xf15b (61787)

```

```

Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xa95a [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.41.239
Destination: 104.197.3.80
Transmission Control Protocol, Src Port: 41488, Dst Port: 80, Seq: 88, Ack: 150, Len: 0
Source Port: 41488
Destination Port: 80
[Stream index: 2]
[TCP Segment Len: 0]
Sequence number: 88      (relative sequence number)
[Next sequence number: 88      (relative sequence number)]
Acknowledgment number: 150      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x011 (FIN, ACK)
Window size value: 237
[Calculated window size: 30336]
[Window size scaling factor: 128]
Checksum: 0xff0c [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
  89 21.145183      10.10.41.239      74.125.200.188      TCP      66      48874 → 443 [ACK] Seq=1 Ack=1 Win=229 Len=0
TSval=2973561583 TSecr=2705550350
Frame 89: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:26.222053000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959866.222053000 seconds
  [Time delta from previous captured frame: 0.382586000 seconds]
  [Time delta from previous displayed frame: 0.382586000 seconds]
  [Time since reference or first frame: 21.145183000 seconds]
  Frame Number: 89
  Frame Length: 66 bytes (528 bits)
  Capture Length: 66 bytes (528 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
Destination: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 74.125.200.188
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0xb1c1 (45505)
  Flags: 0x4000, Don't fragment
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x41d0 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.10.41.239
  Destination: 74.125.200.188
Transmission Control Protocol, Src Port: 48874, Dst Port: 443, Seq: 1, Ack: 1, Len: 0
Source Port: 48874
Destination Port: 443
[Stream index: 3]
[TCP Segment Len: 0]
Sequence number: 1      (relative sequence number)
[Next sequence number: 1      (relative sequence number)]
Acknowledgment number: 1      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (ACK)
Window size value: 229
[Calculated window size: 229]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x4a5e [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[Timestamps]
  90 22.060618      10.10.43.41      10.10.41.239      TCP      66      23 → 56392 [ACK] Seq=806 Ack=187 Win=30080
Len=0 TSval=298182570 TSecr=733036393
Frame 90: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Aug 22, 2018 23:14:27.137488000 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1534959867.137488000 seconds
  [Time delta from previous captured frame: 0.915435000 seconds]
  [Time delta from previous displayed frame: 0.915435000 seconds]
  [Time since reference or first frame: 22.060618000 seconds]

```

```

Frame Number: 90
Frame Length: 66 bytes (528 bits)
Capture Length: 66 bytes (528 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 52
Identification: 0x5e1f (24095)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x7369 [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.43.41
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 806, Ack: 187, Len: 0
Source Port: 23
Destination Port: 56392
[Stream index: 0]
[TCP Segment Len: 0]
Sequence number: 806 (relative sequence number)
[Next sequence number: 806 (relative sequence number)]
Acknowledgment number: 187 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (ACK)
Window size value: 235
[Calculated window size: 30080]
[Window size scaling factor: 128]
Checksum: 0x43a7 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
91 22.060650 10.10.41.239 10.10.43.41 TELNET 67 Telnet Data ...
Frame 91: 67 bytes on wire (536 bits), 67 bytes captured (536 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:27.137520000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959867.137520000 seconds
[Time delta from previous captured frame: 0.000032000 seconds]
[Time delta from previous displayed frame: 0.000032000 seconds]
[Time since reference or first frame: 22.060650000 seconds]
Frame Number: 91
Frame Length: 67 bytes (536 bits)
Capture Length: 67 bytes (536 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:telnet]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 53
Identification: 0x8449 (33865)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x4d3e [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.41.239
Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 187, Ack: 806, Len: 1
Source Port: 56392
Destination Port: 23
[Stream index: 0]
[TCP Segment Len: 1]
Sequence number: 187 (relative sequence number)
[Next sequence number: 188 (relative sequence number)]
Acknowledgment number: 806 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 238

```

```

[Calculated window size: 30464]
[Window size scaling factor: 128]
Checksum: 0x3a89 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
TCP payload (1 byte)
Telnet
Data: \004
    92 22.060676      104.197.3.80      10.10.41.239      TCP      66      80 → 41488 [ACK] Seq=150 Ack=89 Win=28160
Len=0 TSval=173847594 TSecr=189081698
Frame 92: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:27.137546000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959867.137546000 seconds
[Time delta from previous captured frame: 0.000026000 seconds]
[Time delta from previous displayed frame: 0.000026000 seconds]
[Time since reference or first frame: 22.060676000 seconds]
Frame Number: 92
Frame Length: 66 bytes (528 bits)
Capture Length: 66 bytes (528 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: HTTP]
[Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: Cisco_af:0c:64 (a0:3d:6f:af:0c:64), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: Cisco_af:0c:64 (a0:3d:6f:af:0c:64)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 104.197.3.80, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x38a6 (14502)
Flags: 0x4000, Don't fragment
Time to live: 49
Protocol: TCP (6)
Header checksum: 0x7110 [validation disabled]
[Header checksum status: Unverified]
Source: 104.197.3.80
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 80, Dst Port: 41488, Seq: 150, Ack: 89, Len: 0
Source Port: 80
Destination Port: 41488
[Stream index: 2]
[TCP Segment Len: 0]
Sequence number: 150 (relative sequence number)
[Next sequence number: 150 (relative sequence number)]
Acknowledgment number: 89 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (ACK)
Window size value: 220
[Calculated window size: 28160]
[Window size scaling factor: 128]
Checksum: 0xfbbf [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
    93 22.060699      10.10.43.41      10.10.41.239      TELNET   74      Telnet Data ...
Frame 93: 74 bytes on wire (592 bits), 74 bytes captured (592 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:27.137569000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959867.137569000 seconds
[Time delta from previous captured frame: 0.000023000 seconds]
[Time delta from previous displayed frame: 0.000023000 seconds]
[Time since reference or first frame: 22.060699000 seconds]
Frame Number: 93
Frame Length: 74 bytes (592 bits)
Capture Length: 74 bytes (592 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:telnet]
[Coloring Rule Name: TCP SYN/FIN]
[Coloring Rule String: tcp.flags & 0x02 || tcp.flags.fin == 1]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)

```



```

    Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
    Total Length: 60
    Identification: 0x5e20 (24096)
    Flags: 0x4000, Don't fragment
    Time to live: 64
    Protocol: TCP (6)
    Header checksum: 0x7360 [validation disabled]
    [Header checksum status: Unverified]
    Source: 10.10.43.41
    Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 806, Ack: 187, Len: 8
    Source Port: 23
    Destination Port: 56392
    [Stream index: 0]
    [TCP Segment Len: 8]
    Sequence number: 806      (relative sequence number)
    [Next sequence number: 815      (relative sequence number)]
    Acknowledgment number: 187      (relative ack number)
    1000 .... = Header Length: 32 bytes (8)
    Flags: 0x019 (FIN, PSH, ACK)
    Window size value: 235
    [Calculated window size: 30080]
    [Window size scaling factor: 128]
    Checksum: 0xed31 [unverified]
    [Checksum Status: Unverified]
    Urgent pointer: 0
    Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    [SEQ/ACK analysis]
    [Timestamps]
    TCP payload (8 bytes)
Telnet
    Data: logout\r\n
      94 22.060837      10.10.41.239      10.10.43.41      TCP      66      56392 → 23 [FIN, ACK] Seq=188 Ack=815
Win=30464 Len=0 TSval=733037691 TSecr=298182577
Frame 94: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)
    Encapsulation type: Ethernet (1)
    Arrival Time: Aug 22, 2018 23:14:27.137707000 IST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1534959867.137707000 seconds
    [Time delta from previous captured frame: 0.000138000 seconds]
    [Time delta from previous displayed frame: 0.000138000 seconds]
    [Time since reference or first frame: 22.060837000 seconds]
    Frame Number: 94
    Frame Length: 66 bytes (528 bits)
    Capture Length: 66 bytes (528 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ip:tcp]
    [Coloring Rule Name: TCP SYN/FIN]
    [Coloring Rule String: tcp.flags & 0x02 || tcp.flags.fin == 1]
Ethernet II, Src: IntelCor_33:18:7d (a0:a8:cd:33:18:7d), Dst: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
    Destination: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
    Source: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
    Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.41.239, Dst: 10.10.43.41
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
    Total Length: 52
    Identification: 0x844a (33866)
    Flags: 0x4000, Don't fragment
    Time to live: 64
    Protocol: TCP (6)
    Header checksum: 0x4d3e [validation disabled]
    [Header checksum status: Unverified]
    Source: 10.10.41.239
    Destination: 10.10.43.41
Transmission Control Protocol, Src Port: 56392, Dst Port: 23, Seq: 188, Ack: 815, Len: 0
    Source Port: 56392
    Destination Port: 23
    [Stream index: 0]
    [TCP Segment Len: 0]
    Sequence number: 188      (relative sequence number)
    [Next sequence number: 188      (relative sequence number)]
    Acknowledgment number: 815      (relative ack number)
    1000 .... = Header Length: 32 bytes (8)
    Flags: 0x011 (FIN, ACK)
    Window size value: 238
    [Calculated window size: 30464]
    [Window size scaling factor: 128]
    Checksum: 0x3e80 [unverified]
    [Checksum Status: Unverified]
    Urgent pointer: 0
    Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    [SEQ/ACK analysis]
    [Timestamps]
      95 22.414127      10.10.43.41      10.10.41.239      TCP      54      23 → 56392 [RST] Seq=806 Win=0 Len=0
Frame 95: 54 bytes on wire (432 bits), 54 bytes captured (432 bits)
    Encapsulation type: Ethernet (1)

```

```

Arrival Time: Aug 22, 2018 23:14:27.490997000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959867.490997000 seconds
[Time delta from previous captured frame: 0.353290000 seconds]
[Time delta from previous displayed frame: 0.353290000 seconds]
[Time since reference or first frame: 22.414127000 seconds]
Frame Number: 95
Frame Length: 54 bytes (432 bits)
Capture Length: 54 bytes (432 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: TCP RST]
[Coloring Rule String: tcp.flags.reset eq 1]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 40
Identification: 0x21d8 (8664)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xafbc [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.43.41
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 806, Len: 0
Source Port: 23
Destination Port: 56392
[Stream index: 0]
[TCP Segment Len: 0]
Sequence number: 806 (relative sequence number)
[Next sequence number: 806 (relative sequence number)]
Acknowledgment number: 0
0101 .... = Header Length: 20 bytes (5)
Flags: 0x004 (RST)
Window size value: 0
[Calculated window size: 0]
[Window size scaling factor: 128]
Checksum: 0x9f56 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
[Timestamps]
96 22.414145 10.10.43.41 10.10.41.239 TCP 54 23 → 56392 [RST] Seq=815 Win=0 Len=0
Frame 96: 54 bytes on wire (432 bits), 54 bytes captured (432 bits)
Encapsulation type: Ethernet (1)
Arrival Time: Aug 22, 2018 23:14:27.491015000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1534959867.491015000 seconds
[Time delta from previous captured frame: 0.000018000 seconds]
[Time delta from previous displayed frame: 0.000018000 seconds]
[Time since reference or first frame: 22.414145000 seconds]
Frame Number: 96
Frame Length: 54 bytes (432 bits)
Capture Length: 54 bytes (432 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: TCP RST]
[Coloring Rule String: tcp.flags.reset eq 1]
Ethernet II, Src: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be), Dst: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Destination: IntelCor_33:18:7d (a0:a8:cd:33:18:7d)
Source: IntelCor_7a:e4:be (d4:25:8b:7a:e4:be)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.10.43.41, Dst: 10.10.41.239
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x10 (DSCP: Unknown, ECN: Not-ECT)
Total Length: 40
Identification: 0x21d9 (8665)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xafbb [validation disabled]
[Header checksum status: Unverified]
Source: 10.10.43.41
Destination: 10.10.41.239
Transmission Control Protocol, Src Port: 23, Dst Port: 56392, Seq: 815, Len: 0
Source Port: 23
Destination Port: 56392
[Stream index: 0]
[TCP Segment Len: 0]
Sequence number: 815 (relative sequence number)
[Next sequence number: 815 (relative sequence number)]

```

exe5.out 96 total packets, 96 shown

Acknowledgment number: 0  
0101 .... = Header Length: 20 bytes (5)  
Flags: 0x004 (RST)  
Window size value: 0  
[Calculated window size: 0]  
[Window size scaling factor: 128]  
Checksum: 0x9f4d [unverified]  
[Checksum Status: Unverified]  
Urgent pointer: 0  
[Timestamps]