

```
1 0.000000000 10.1.40.148 10.4.20.103 TCP 74 51680 → 8080 [SYN]
Seq=0 Win=29200 Len=0 MSS=1460 SACK_PERM=1 TSval=1205064678 TSecr=0 WS=128
Frame 1: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:56.603076179 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655336.603076179 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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 60
Identification: 0x8acb (35531)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x5ef1 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51680, Dst Port: 8080, Seq: 0, Len: 0
2 0.000242532 10.4.20.103 10.1.40.148 TCP 74 8080 → 51680 [SYN, ACK]
Seq=0 Ack=1 Win=28960 Len=0 MSS=1460 SACK_PERM=1 TSval=2883204629 TSecr=1205064678 WS=256
Frame 2: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:56.603318711 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655336.603318711 seconds
[Time delta from previous captured frame: 0.000242532 seconds]
[Time delta from previous displayed frame: 0.000242532 seconds]
[Time since reference or first frame: 0.000242532 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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
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: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0xebbc [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
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Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51680, Seq: 0, Ack: 1, Len: 0
  3 0.000330794 10.1.40.148 10.4.20.103 TCP 66 51680 → 8080 [ACK]
Seq=1 Ack=1 Win=29312 Len=0 TSval=1205064678 TSecr=2883204629
Frame 3: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:56.603406973 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655336.603406973 seconds
  [Time delta from previous captured frame: 0.000088262 seconds]
  [Time delta from previous displayed frame: 0.000088262 seconds]
  [Time since reference or first frame: 0.000330794 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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0x8acc (35532)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x5ef8 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.148
  Destination: 10.4.20.103
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51680, Dst Port: 8080, Seq: 1, Ack: 1, Len: 0
  4 0.000599752 10.1.40.148 10.4.20.103 HTTP 288 CONNECT
yw6nax.vkcache.com:443 HTTP/1.1
Frame 4: 288 bytes on wire (2304 bits), 288 bytes captured (2304 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:56.603675931 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655336.603675931 seconds
  [Time delta from previous captured frame: 0.000268958 seconds]
  [Time delta from previous displayed frame: 0.000268958 seconds]
  [Time since reference or first frame: 0.000599752 seconds]
  Frame Number: 4
  Frame Length: 288 bytes (2304 bits)
  Capture Length: 288 bytes (2304 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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 274
  Identification: 0x8acd (35533)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
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Protocol: TCP (6)
Header checksum: 0x5e19 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51680, Dst Port: 8080, Seq: 1, Ack: 1, Len: 222
Hypertext Transfer Protocol
   5 0.000840567    10.4.20.103    10.1.40.148    TCP        66    8080 → 51680 [ACK]
Seq=1 Ack=223 Win=30208 Len=0 TSval=2883204629 TSecr=1205064678
Frame 5: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:56.603916746 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655336.603916746 seconds
  [Time delta from previous captured frame: 0.000240815 seconds]
  [Time delta from previous displayed frame: 0.000240815 seconds]
  [Time since reference or first frame: 0.000840567 seconds]
  Frame Number: 5
  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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
  Destination: Dell_07:83:77 (18:db:f2:07:83:77)
  Source: Cisco_76:47:49 (64:00:f1:76:47:49)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0xa9c9 (43465)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 62
  Protocol: TCP (6)
  Header checksum: 0x41fb [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.4.20.103
  Destination: 10.1.40.148
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51680, Seq: 1, Ack: 223, Len: 0
   6 0.049984372    10.4.20.103    10.1.40.148    TCP       2962    8080 → 51680 [ACK]
Seq=1 Ack=223 Win=30208 Len=2896 TSval=2883204678 TSecr=1205064678 [TCP segment of a reassembled PDU]
Frame 6: 2962 bytes on wire (23696 bits), 2962 bytes captured (23696 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:56.653060551 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655336.653060551 seconds
  [Time delta from previous captured frame: 0.049143805 seconds]
  [Time delta from previous displayed frame: 0.049143805 seconds]
  [Time since reference or first frame: 0.049984372 seconds]
  Frame Number: 6
  Frame Length: 2962 bytes (23696 bits)
  Capture Length: 2962 bytes (23696 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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
  Destination: Dell_07:83:77 (18:db:f2:07:83:77)
  Source: Cisco_76:47:49 (64:00:f1:76:47:49)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
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Total Length: 2948
Identification: 0xa9ca (43466)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x36aa [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51680, Seq: 1, Ack: 223, Len: 2896
  7 0.050064021 10.1.40.148 10.4.20.103 TCP 66 51680 → 8080 [ACK]
Seq=223 Ack=2897 Win=35072 Len=0 TSval=1205064728 TSecr=2883204678
Frame 7: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:56.653140200 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655336.653140200 seconds
  [Time delta from previous captured frame: 0.000079649 seconds]
  [Time delta from previous displayed frame: 0.000079649 seconds]
  [Time since reference or first frame: 0.050064021 seconds]
  Frame Number: 7
  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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0x8ace (35534)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x5ef6 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.148
  Destination: 10.4.20.103
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51680, Dst Port: 8080, Seq: 223, Ack: 2897, Len: 0
  8 0.050113913 10.4.20.103 10.1.40.148 HTTP 974 HTTP/1.1 503 Service
Unavailable (text/html)
Frame 8: 974 bytes on wire (7792 bits), 974 bytes captured (7792 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:56.653190092 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655336.653190092 seconds
  [Time delta from previous captured frame: 0.000049892 seconds]
  [Time delta from previous displayed frame: 0.000049892 seconds]
  [Time since reference or first frame: 0.050113913 seconds]
  Frame Number: 8
  Frame Length: 974 bytes (7792 bits)
  Capture Length: 974 bytes (7792 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp:http:data-text-lines]
  [Coloring Rule Name: HTTP]
  [Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
  Destination: Dell_07:83:77 (18:db:f2:07:83:77)
  Source: Cisco_76:47:49 (64:00:f1:76:47:49)
  Type: IPv4 (0x0800)
```

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Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 960
  Identification: 0xa9cc (43468)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 62
  Protocol: TCP (6)
  Header checksum: 0x3e6c [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.4.20.103
  Destination: 10.1.40.148
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51680, Seq: 2897, Ack: 223, Len: 908
[2 Reassembled TCP Segments (3804 bytes): #6(2896), #8(908)]
Hypertext Transfer Protocol
Line-based text data: text/html
  9 0.050138235 10.1.40.148 10.4.20.103 TCP 66 51680 → 8080 [ACK]
Seq=223 Ack=3805 Win=37888 Len=0 TSval=1205064728 TSecr=2883204678
Frame 9: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:56.653214414 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655336.653214414 seconds
  [Time delta from previous captured frame: 0.000024322 seconds]
  [Time delta from previous displayed frame: 0.000024322 seconds]
  [Time since reference or first frame: 0.050138235 seconds]
  Frame Number: 9
  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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0x8acf (35535)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x5ef5 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.148
  Destination: 10.4.20.103
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51680, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
  10 0.050405134 10.1.40.148 10.4.20.103 TCP 66 51680 → 8080 [FIN, ACK]
Seq=223 Ack=3805 Win=37888 Len=0 TSval=1205064728 TSecr=2883204678
Frame 10: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:56.653481313 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655336.653481313 seconds
  [Time delta from previous captured frame: 0.000266899 seconds]
  [Time delta from previous displayed frame: 0.000266899 seconds]
  [Time since reference or first frame: 0.050405134 seconds]
  Frame Number: 10
  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 SYN/FIN]
[Coloring Rule String: tcp.flags & 0x02 || tcp.flags.fin == 1]
Ethernet II, Src: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x8ad0 (35536)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x5ef4 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51680, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
11 0.051113643 10.4.20.103 10.1.40.148 TCP 66 8080 → 51680 [FIN, ACK]
Seq=3805 Ack=224 Win=30208 Len=0 TSval=2883204680 TSecr=1205064728
Frame 11: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:56.654189822 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655336.654189822 seconds
[Time delta from previous captured frame: 0.000708509 seconds]
[Time delta from previous displayed frame: 0.000708509 seconds]
[Time since reference or first frame: 0.051113643 seconds]
Frame Number: 11
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xa9cd (43469)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x41f7 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51680, Seq: 3805, Ack: 224, Len: 0
12 0.051169485 10.1.40.148 10.4.20.103 TCP 66 51680 → 8080 [ACK]
Seq=224 Ack=3806 Win=37888 Len=0 TSval=1205064729 TSecr=2883204680
Frame 12: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:56.654245664 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655336.654245664 seconds
[Time delta from previous captured frame: 0.000055842 seconds]
[Time delta from previous displayed frame: 0.000055842 seconds]
[Time since reference or first frame: 0.051169485 seconds]
Frame Number: 12
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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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x8ad1 (35537)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x5ef3 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51680, Dst Port: 8080, Seq: 224, Ack: 3806, Len: 0
13 0.062741394 10.1.40.131 255.255.255.255 UDP 70 48582 → 2008 Len=28
Frame 13: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:56.665817573 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655336.665817573 seconds
[Time delta from previous captured frame: 0.011571909 seconds]
[Time delta from previous displayed frame: 0.011571909 seconds]
[Time since reference or first frame: 0.062741394 seconds]
Frame Number: 13
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: Tp-LinkT_17:e9:42 (7c:8b:ca:17:e9:42), Dst: Broadcast (ff:ff:ff:ff:ff:ff)
Destination: Broadcast (ff:ff:ff:ff:ff:ff)
Source: Tp-LinkT_17:e9:42 (7c:8b:ca:17:e9:42)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.131, Dst: 255.255.255.255
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 56
Identification: 0xe0f2 (57586)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: UDP (17)
Header checksum: 0x273f [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.131
Destination: 255.255.255.255
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
User Datagram Protocol, Src Port: 48582, Dst Port: 2008
Source Port: 48582
Destination Port: 2008
Length: 36
Checksum: 0x920d [unverified]
[Checksum Status: Unverified]
[Stream index: 0]
Data (28 bytes)
0000 42 43 20 32 33 6c 61 66 65 72 72 61 72 69 2d 4c BC 23laferrari-L
0010 65 6e 6f 76 6f 2d 5a 35 31 2d 37 30 enovo-Z51-70
```

```
Data: 42432032336c61666572726172692d4c656e6f766f2d5a35...
[Length: 28]
 14 0.113668936    10.2.129.111    10.1.40.132    TCP    74    40295 → 45013 [SYN]
Seq=0 Win=29200 Len=0 MSS=1460 SACK_PERM=1 TSval=1764550624 TSecr=0 WS=2
Frame 14: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:56.716745115 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655336.716745115 seconds
[Time delta from previous captured frame: 0.050927542 seconds]
[Time delta from previous displayed frame: 0.050927542 seconds]
[Time since reference or first frame: 0.113668936 seconds]
Frame Number: 14
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: LcfcHefe_2e:46:01 (68:f7:28:2e:46:01)
Destination: LcfcHefe_2e:46:01 (68:f7:28:2e:46:01)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.2.129.111, Dst: 10.1.40.132
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 60
Identification: 0xd8b4 (55476)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0xa611 [validation disabled]
[Header checksum status: Unverified]
Source: 10.2.129.111
Destination: 10.1.40.132
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 40295, Dst Port: 45013, Seq: 0, Len: 0
 15 0.454110938    10.1.40.149    224.0.0.251    MDNS    87    Standard query 0x0000
PTR _ipps._tcp.local, "QM" question PTR _ipp._tcp.local, "QM" question
Frame 15: 87 bytes on wire (696 bits), 87 bytes captured (696 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:57.057187117 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655337.057187117 seconds
[Time delta from previous captured frame: 0.340442002 seconds]
[Time delta from previous displayed frame: 0.340442002 seconds]
[Time since reference or first frame: 0.454110938 seconds]
Frame Number: 15
Frame Length: 87 bytes (696 bits)
Capture Length: 87 bytes (696 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:udp:mdns]
[Coloring Rule Name: UDP]
[Coloring Rule String: udp]
Ethernet II, Src: QuantaCo_e1:8b:83 (54:ab:3a:e1:8b:83), Dst: IPv4mcast_fb (01:00:5e:00:00:fb)
Destination: IPv4mcast_fb (01:00:5e:00:00:fb)
Source: QuantaCo_e1:8b:83 (54:ab:3a:e1:8b:83)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.149, Dst: 224.0.0.251
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 73
Identification: 0x06a8 (1704)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 255
Protocol: UDP (17)
Header checksum: 0x616a [validation disabled]
```



```
[Header checksum status: Unverified]
Source: 10.1.40.149
Destination: 224.0.0.251
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
User Datagram Protocol, Src Port: 5353, Dst Port: 5353
Source Port: 5353
Destination Port: 5353
Length: 53
Checksum: 0xc0a5 [unverified]
[Checksum Status: Unverified]
[Stream index: 1]
Multicast Domain Name System (query)
  16 0.497008263 10.1.40.148 10.4.20.103 TCP 74 51682 → 8080 [SYN]
Seq=0 Win=29200 Len=0 MSS=1460 SACK_PERM=1 TSval=1205065175 TSecr=0 WS=128
Frame 16: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:57.100084442 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655337.100084442 seconds
  [Time delta from previous captured frame: 0.042897325 seconds]
  [Time delta from previous displayed frame: 0.042897325 seconds]
  [Time since reference or first frame: 0.497008263 seconds]
  Frame Number: 16
  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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 60
  Identification: 0xc4d7 (50391)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x24e5 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.148
  Destination: 10.4.20.103
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51682, Dst Port: 8080, Seq: 0, Len: 0
  17 0.498674889 10.4.20.103 10.1.40.148 TCP 74 8080 → 51682 [SYN, ACK]
Seq=0 Ack=1 Win=28960 Len=0 MSS=1460 SACK_PERM=1 TSval=2883205126 TSecr=1205065175 WS=256
Frame 17: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:57.101751068 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655337.101751068 seconds
  [Time delta from previous captured frame: 0.001666626 seconds]
  [Time delta from previous displayed frame: 0.001666626 seconds]
  [Time since reference or first frame: 0.498674889 seconds]
  Frame Number: 17
  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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
  Destination: Dell_07:83:77 (18:db:f2:07:83:77)
  Source: Cisco_76:47:49 (64:00:f1:76:47:49)
  Type: IPv4 (0x0800)
```

```
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
  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: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 62
  Protocol: TCP (6)
  Header checksum: 0xebbc [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.4.20.103
  Destination: 10.1.40.148
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51682, Seq: 0, Ack: 1, Len: 0
  18 0.498735300 10.1.40.148 10.4.20.103 TCP 66 51682 → 8080 [ACK]
Seq=1 Ack=1 Win=29312 Len=0 TSval=1205065176 TSecr=2883205126
Frame 18: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:57.101811479 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655337.101811479 seconds
  [Time delta from previous captured frame: 0.000060411 seconds]
  [Time delta from previous displayed frame: 0.000060411 seconds]
  [Time since reference or first frame: 0.498735300 seconds]
  Frame Number: 18
  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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0xc4d8 (50392)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x24ec [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.148
  Destination: 10.4.20.103
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51682, Dst Port: 8080, Seq: 1, Ack: 1, Len: 0
  19 0.498887134 10.1.40.148 10.4.20.103 HTTP 288 CONNECT
qfibzz.vkcache.com:443 HTTP/1.1
Frame 19: 288 bytes on wire (2304 bits), 288 bytes captured (2304 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:57.101963313 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655337.101963313 seconds
  [Time delta from previous captured frame: 0.000151834 seconds]
  [Time delta from previous displayed frame: 0.000151834 seconds]
  [Time since reference or first frame: 0.498887134 seconds]
  Frame Number: 19
  Frame Length: 288 bytes (2304 bits)
  Capture Length: 288 bytes (2304 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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)

Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 274
Identification: 0xc4d9 (50393)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x240d [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]

Transmission Control Protocol, Src Port: 51682, Dst Port: 8080, Seq: 1, Ack: 1, Len: 222

Hypertext Transfer Protocol
20 0.500575805 10.4.20.103 10.1.40.148 TCP 66 8080 → 51682 [ACK]
Seq=1 Ack=223 Win=30208 Len=0 TSval=2883205128 TSecr=1205065177

Frame 20: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:57.103651984 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655337.103651984 seconds
[Time delta from previous captured frame: 0.001688671 seconds]
[Time delta from previous displayed frame: 0.001688671 seconds]
[Time since reference or first frame: 0.500575805 seconds]
Frame Number: 20
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)

Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x9e0f (40463)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x4db5 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]

Transmission Control Protocol, Src Port: 8080, Dst Port: 51682, Seq: 1, Ack: 223, Len: 0
21 0.554722650 10.4.20.103 10.1.40.148 TCP 1514 8080 → 51682 [ACK]
Seq=1 Ack=223 Win=30208 Len=1448 TSval=2883205182 TSecr=1205065177 [TCP segment of a reassembled PDU]

Frame 21: 1514 bytes on wire (12112 bits), 1514 bytes captured (12112 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:57.157798829 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655337.157798829 seconds
[Time delta from previous captured frame: 0.054146845 seconds]
[Time delta from previous displayed frame: 0.054146845 seconds]
[Time since reference or first frame: 0.554722650 seconds]
Frame Number: 21
Frame Length: 1514 bytes (12112 bits)
Capture Length: 1514 bytes (12112 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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 1500
Identification: 0x9e10 (40464)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x480c [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51682, Seq: 1, Ack: 223, Len: 1448
 22 0.554763528 10.1.40.148 10.4.20.103 TCP 66 51682 → 8080 [ACK]
Seq=223 Ack=1449 Win=32128 Len=0 TSval=1205065233 TSecr=2883205182
Frame 22: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:57.157839707 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655337.157839707 seconds
[Time delta from previous captured frame: 0.000040878 seconds]
[Time delta from previous displayed frame: 0.000040878 seconds]
[Time since reference or first frame: 0.554763528 seconds]
Frame Number: 22
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xc4da (50394)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x24ea [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51682, Dst Port: 8080, Seq: 223, Ack: 1449, Len: 0
 23 0.554829490 10.4.20.103 10.1.40.148 HTTP 2422 HTTP/1.1 503 Service
Unavailable (text/html)
Frame 23: 2422 bytes on wire (19376 bits), 2422 bytes captured (19376 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:57.157905669 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655337.157905669 seconds
[Time delta from previous captured frame: 0.000065962 seconds]
[Time delta from previous displayed frame: 0.000065962 seconds]
```

```
[Time since reference or first frame: 0.554829490 seconds]
Frame Number: 23
Frame Length: 2422 bytes (19376 bits)
Capture Length: 2422 bytes (19376 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:http:data-text-lines]
[Coloring Rule Name: HTTP]
[Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 2408
Identification: 0x9e11 (40465)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x447f [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51682, Seq: 1449, Ack: 223, Len: 2356
[2 Reassembled TCP Segments (3804 bytes): #21(1448), #23(2356)]
Hypertext Transfer Protocol
Line-based text data: text/html
  24 0.554845438 10.1.40.148 10.4.20.103 TCP 66 51682 → 8080 [ACK]
Seq=223 Ack=3805 Win=36864 Len=0 TSval=1205065233 TSecr=2883205182
Frame 24: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:57.157921617 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655337.157921617 seconds
[Time delta from previous captured frame: 0.000015948 seconds]
[Time delta from previous displayed frame: 0.000015948 seconds]
[Time since reference or first frame: 0.554845438 seconds]
Frame Number: 24
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xc4db (50395)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x24e9 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51682, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
  25 0.554852679 10.4.20.103 10.1.40.148 TCP 66 8080 → 51682 [FIN, ACK]
Seq=3805 Ack=223 Win=30208 Len=0 TSval=2883205183 TSecr=1205065177
Frame 25: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
```

```
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:57.157928858 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655337.157928858 seconds
[Time delta from previous captured frame: 0.000007241 seconds]
[Time delta from previous displayed frame: 0.000007241 seconds]
[Time since reference or first frame: 0.554852679 seconds]
Frame Number: 25
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x9e13 (40467)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x4db1 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51682, Seq: 3805, Ack: 223, Len: 0
26 0.554957058 10.1.40.148 10.4.20.103 TCP 66 51682 → 8080 [RST, ACK]
Seq=223 Ack=3806 Win=36864 Len=0 TSval=1205065233 TSecr=2883205183
Frame 26: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:57.158033237 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655337.158033237 seconds
[Time delta from previous captured frame: 0.000104379 seconds]
[Time delta from previous displayed frame: 0.000104379 seconds]
[Time since reference or first frame: 0.554957058 seconds]
Frame Number: 26
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 RST]
[Coloring Rule String: tcp.flags.reset eq 1]
Ethernet II, Src: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xc4dc (50396)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x24e8 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
```

Transmission Control Protocol, Src Port: 51682, Dst Port: 8080, Seq: 223, Ack: 3806, Len: 0
27 1.000463609 10.1.40.148 10.4.20.103 TCP 74 51684 → 8080 [SYN]
Seq=0 Win=29200 Len=0 MSS=1460 SACK_PERM=1 TSval=1205065678 TSecr=0 WS=128
Frame 27: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:57.603539788 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655337.603539788 seconds
[Time delta from previous captured frame: 0.445506551 seconds]
[Time delta from previous displayed frame: 0.445506551 seconds]
[Time since reference or first frame: 1.000463609 seconds]
Frame Number: 27
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 60
Identification: 0xdf63 (57187)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xa59 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51684, Dst Port: 8080, Seq: 0, Len: 0
28 1.003155957 10.4.20.103 10.1.40.148 TCP 74 8080 → 51684 [SYN, ACK]
Seq=0 Ack=1 Win=28960 Len=0 MSS=1460 SACK_PERM=1 TSval=2883205629 TSecr=1205065678 WS=256
Frame 28: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:57.606232136 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655337.606232136 seconds
[Time delta from previous captured frame: 0.002692348 seconds]
[Time delta from previous displayed frame: 0.002692348 seconds]
[Time since reference or first frame: 1.003155957 seconds]
Frame Number: 28
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
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: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0xebbc [validation disabled]
[Header checksum status: Unverified]

```
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51684, Seq: 0, Ack: 1, Len: 0
 29 1.003314100 10.1.40.148 10.4.20.103 TCP 66 51684 → 8080 [ACK]
Seq=1 Ack=1 Win=29312 Len=0 TSval=1205065681 TSecr=2883205629
Frame 29: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:57.606390279 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655337.606390279 seconds
  [Time delta from previous captured frame: 0.000158143 seconds]
  [Time delta from previous displayed frame: 0.000158143 seconds]
  [Time since reference or first frame: 1.003314100 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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
 0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0xdf64 (57188)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x0a60 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.148
  Destination: 10.4.20.103
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51684, Dst Port: 8080, Seq: 1, Ack: 1, Len: 0
 30 1.003897768 10.1.40.148 10.4.20.103 HTTP 288 CONNECT
wp7mb6.vkcache.com:443 HTTP/1.1
Frame 30: 288 bytes on wire (2304 bits), 288 bytes captured (2304 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:57.606973947 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655337.606973947 seconds
  [Time delta from previous captured frame: 0.000583668 seconds]
  [Time delta from previous displayed frame: 0.000583668 seconds]
  [Time since reference or first frame: 1.003897768 seconds]
  Frame Number: 30
  Frame Length: 288 bytes (2304 bits)
  Capture Length: 288 bytes (2304 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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
 0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 274
  Identification: 0xdf65 (57189)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
```



```
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x0981 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51684, Dst Port: 8080, Seq: 1, Ack: 1, Len: 222
Hypertext Transfer Protocol
  31 1.006934467    10.4.20.103    10.1.40.148    TCP    66    8080 → 51684 [ACK]
Seq=1 Ack=223 Win=30208 Len=0 TSval=2883205633 TSecr=1205065682
Frame 31: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:57.610010646 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655337.610010646 seconds
  [Time delta from previous captured frame: 0.003036699 seconds]
  [Time delta from previous displayed frame: 0.003036699 seconds]
  [Time since reference or first frame: 1.006934467 seconds]
  Frame Number: 31
  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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
  Destination: Dell_07:83:77 (18:db:f2:07:83:77)
  Source: Cisco_76:47:49 (64:00:f1:76:47:49)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0x7254 (29268)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 62
  Protocol: TCP (6)
  Header checksum: 0x7970 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.4.20.103
  Destination: 10.1.40.148
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51684, Seq: 1, Ack: 223, Len: 0
  32 1.055325937    10.4.20.103    10.1.40.148    TCP    1514    8080 → 51684 [ACK]
Seq=1 Ack=223 Win=30208 Len=1448 TSval=2883205683 TSecr=1205065682 [TCP segment of a reassembled PDU]
Frame 32: 1514 bytes on wire (12112 bits), 1514 bytes captured (12112 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:57.658402116 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655337.658402116 seconds
  [Time delta from previous captured frame: 0.048391470 seconds]
  [Time delta from previous displayed frame: 0.048391470 seconds]
  [Time since reference or first frame: 1.055325937 seconds]
  Frame Number: 32
  Frame Length: 1514 bytes (12112 bits)
  Capture Length: 1514 bytes (12112 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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
  Destination: Dell_07:83:77 (18:db:f2:07:83:77)
  Source: Cisco_76:47:49 (64:00:f1:76:47:49)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
```

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 1500
Identification: 0x7255 (29269)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x73c7 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51684, Seq: 1, Ack: 223, Len: 1448
33 1.055425849 10.1.40.148 10.4.20.103 TCP 66 51684 → 8080 [ACK]
Seq=223 Ack=1449 Win=32128 Len=0 TSval=1205065733 TSecr=2883205683
Frame 33: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:57.658502028 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655337.658502028 seconds
[Time delta from previous captured frame: 0.000099912 seconds]
[Time delta from previous displayed frame: 0.000099912 seconds]
[Time since reference or first frame: 1.055425849 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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xdf66 (57190)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x0a5e [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51684, Dst Port: 8080, Seq: 223, Ack: 1449, Len: 0
34 1.055546023 10.1.40.148 10.4.20.103 HTTP 2422 HTTP/1.1 503 Service Unavailable (text/html)
Frame 34: 2422 bytes on wire (19376 bits), 2422 bytes captured (19376 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:57.658622202 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655337.658622202 seconds
[Time delta from previous captured frame: 0.000120174 seconds]
[Time delta from previous displayed frame: 0.000120174 seconds]
[Time since reference or first frame: 1.055546023 seconds]
Frame Number: 34
Frame Length: 2422 bytes (19376 bits)
Capture Length: 2422 bytes (19376 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:http:data-text-lines]
[Coloring Rule Name: HTTP]
[Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)

```
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 2408
Identification: 0x7256 (29270)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x703a [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51684, Seq: 1449, Ack: 223, Len: 2356
[2 Reassembled TCP Segments (3804 bytes): #32(1448), #34(2356)]
Hypertext Transfer Protocol
Line-based text data: text/html
35 1.055577415 10.1.40.148 10.4.20.103 TCP 66 51684 → 8080 [ACK]
Seq=223 Ack=3805 Win=36864 Len=0 TSval=1205065733 TSecr=2883205683
Frame 35: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:57.658653594 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655337.658653594 seconds
[Time delta from previous captured frame: 0.000031392 seconds]
[Time delta from previous displayed frame: 0.000031392 seconds]
[Time since reference or first frame: 1.055577415 seconds]
Frame Number: 35
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xdf67 (57191)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x0a5d [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51684, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
36 1.055601251 10.4.20.103 10.1.40.148 TCP 66 8080 → 51684 [FIN, ACK]
Seq=3805 Ack=223 Win=30208 Len=0 TSval=2883205684 TSecr=1205065682
Frame 36: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:57.658677430 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655337.658677430 seconds
[Time delta from previous captured frame: 0.000023836 seconds]
[Time delta from previous displayed frame: 0.000023836 seconds]
[Time since reference or first frame: 1.055601251 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 SYN/FIN]
[Coloring Rule String: tcp.flags & 0x02 || tcp.flags.fin == 1]
Ethernet II, Src: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x7258 (29272)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x796c [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51684, Seq: 3805, Ack: 223, Len: 0
  37 1.055833587    10.1.40.148    10.4.20.103    TCP    66    51684 → 8080 [FIN, ACK]
Seq=223 Ack=3806 Win=36864 Len=0 TSval=1205065734 TSecr=2883205684
Frame 37: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:57.658909766 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655337.658909766 seconds
  [Time delta from previous captured frame: 0.000232336 seconds]
  [Time delta from previous displayed frame: 0.000232336 seconds]
  [Time since reference or first frame: 1.055833587 seconds]
  Frame Number: 37
  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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xdf68 (57192)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x0a5c [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51684, Dst Port: 8080, Seq: 223, Ack: 3806, Len: 0
  38 1.057576234    10.4.20.103    10.1.40.148    TCP    66    8080 → 51684 [ACK]
Seq=3806 Ack=224 Win=30208 Len=0 TSval=2883205685 TSecr=1205065734
Frame 38: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:57.660652413 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655337.660652413 seconds
  [Time delta from previous captured frame: 0.001742647 seconds]
  [Time delta from previous displayed frame: 0.001742647 seconds]
  [Time since reference or first frame: 1.057576234 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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x7259 (29273)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x796b [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51684, Seq: 3806, Ack: 224, Len: 0
39 1.062792834 10.1.40.131 255.255.255.255 UDP 70 48582 → 2008 Len=28
Frame 39: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:57.665869013 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655337.665869013 seconds
[Time delta from previous captured frame: 0.005216600 seconds]
[Time delta from previous displayed frame: 0.005216600 seconds]
[Time since reference or first frame: 1.062792834 seconds]
Frame Number: 39
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: Tp-LinkT_17:e9:42 (7c:8b:ca:17:e9:42), Dst: Broadcast (ff:ff:ff:ff:ff:ff)
Destination: Broadcast (ff:ff:ff:ff:ff:ff)
Source: Tp-LinkT_17:e9:42 (7c:8b:ca:17:e9:42)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.131, Dst: 255.255.255.255
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 56
Identification: 0xe103 (57603)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: UDP (17)
Header checksum: 0x272e [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.131
Destination: 255.255.255.255
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
User Datagram Protocol, Src Port: 48582, Dst Port: 2008
Source Port: 48582
Destination Port: 2008
Length: 36
Checksum: 0x920d [unverified]
[Checksum Status: Unverified]
[Stream index: 0]
Data (28 bytes)
0000 42 43 20 32 33 6c 61 66 65 72 72 61 72 69 2d 4c BC 23laferrari-L
```

```
0010  65 6e 6f 76 6f 2d 5a 35 31 2d 37 30          enovo-Z51-70
Data: 42432032336c61666572726172692d4c656e6f766f2d5a35...
[Length: 28]
  40 1.095961220    Cisco_c2:fa:04    Spanning-tree-(for-bridges)_00 STP      60    Conf. Root =
32768/507/00:1d:45:55:2c:00 Cost = 16 Port = 0x8004
Frame 40: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:57.699037399 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655337.699037399 seconds
[Time delta from previous captured frame: 0.033168386 seconds]
[Time delta from previous displayed frame: 0.033168386 seconds]
[Time since reference or first frame: 1.095961220 seconds]
Frame Number: 40
Frame Length: 60 bytes (480 bits)
Capture Length: 60 bytes (480 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:llc:stp]
[Coloring Rule Name: Broadcast]
[Coloring Rule String: eth[0] & 1]
IEEE 802.3 Ethernet
Logical-Link Control
Spanning Tree Protocol
  41 1.499360718    10.1.40.148    10.4.20.103    TCP      74    51686 → 8080 [SYN]
Seq=0 Win=29200 Len=0 MSS=1460 SACK_PERM=1 TSval=1205066177 TSecr=0 WS=128
Frame 41: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:58.102436897 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655338.102436897 seconds
[Time delta from previous captured frame: 0.403399498 seconds]
[Time delta from previous displayed frame: 0.403399498 seconds]
[Time since reference or first frame: 1.499360718 seconds]
Frame Number: 41
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 60
Identification: 0xa1e5 (41445)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x47d7 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51686, Dst Port: 8080, Seq: 0, Len: 0
  42 1.507882131    10.4.20.103    10.1.40.148    TCP      74    8080 → 51686 [SYN, ACK]
Seq=0 Ack=1 Win=28960 Len=0 MSS=1460 SACK_PERM=1 TSval=2883206128 TSecr=1205066177 WS=256
Frame 42: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:58.110958310 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655338.110958310 seconds
[Time delta from previous captured frame: 0.008521413 seconds]
[Time delta from previous displayed frame: 0.008521413 seconds]
[Time since reference or first frame: 1.507882131 seconds]
```

```
Frame Number: 42
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
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: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0xebbc [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51686, Seq: 0, Ack: 1, Len: 0
43 1.507977575 10.1.40.148 10.4.20.103 TCP 66 51686 → 8080 [ACK]
Seq=1 Ack=1 Win=29312 Len=0 TSval=1205066186 TSecr=2883206128
Frame 43: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:58.111053754 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655338.111053754 seconds
[Time delta from previous captured frame: 0.000095444 seconds]
[Time delta from previous displayed frame: 0.000095444 seconds]
[Time since reference or first frame: 1.507977575 seconds]
Frame Number: 43
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xa1e6 (41446)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x47de [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51686, Dst Port: 8080, Seq: 1, Ack: 1, Len: 0
44 1.508221834 10.1.40.148 10.4.20.103 HTTP 288 CONNECT
f6bts9.vkcache.com:443 HTTP/1.1
Frame 44: 288 bytes on wire (2304 bits), 288 bytes captured (2304 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:58.111298013 IST
[Time shift for this packet: 0.000000000 seconds]
```

```
Epoch Time: 1519655338.111298013 seconds
[Time delta from previous captured frame: 0.000244259 seconds]
[Time delta from previous displayed frame: 0.000244259 seconds]
[Time since reference or first frame: 1.508221834 seconds]
Frame Number: 44
Frame Length: 288 bytes (2304 bits)
Capture Length: 288 bytes (2304 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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 274
Identification: 0xa1e7 (41447)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x46ff [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51686, Dst Port: 8080, Seq: 1, Ack: 1, Len: 222
Hypertext Transfer Protocol
45 1.516137090 10.4.20.103 10.1.40.148 TCP 66 8080 → 51686 [ACK]
Seq=1 Ack=223 Win=30208 Len=0 TSval=2883206137 TSecr=1205066186
Frame 45: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:58.119213269 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655338.119213269 seconds
[Time delta from previous captured frame: 0.007915256 seconds]
[Time delta from previous displayed frame: 0.007915256 seconds]
[Time since reference or first frame: 1.516137090 seconds]
Frame Number: 45
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xd9ed (55789)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x11d7 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51686, Seq: 1, Ack: 223, Len: 0
46 1.563356202 10.4.20.103 10.1.40.148 TCP 1514 8080 → 51686 [ACK]
Seq=1 Ack=223 Win=30208 Len=1448 TSval=2883206187 TSecr=1205066186 [TCP segment of a reassembled PDU]
```


Frame 46: 1514 bytes on wire (12112 bits), 1514 bytes captured (12112 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:58.166432381 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655338.166432381 seconds
[Time delta from previous captured frame: 0.047219112 seconds]
[Time delta from previous displayed frame: 0.047219112 seconds]
[Time since reference or first frame: 1.563356202 seconds]
Frame Number: 46
Frame Length: 1514 bytes (12112 bits)
Capture Length: 1514 bytes (12112 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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 1500
Identification: 0xd9ee (55790)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x0c2e [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51686, Seq: 1, Ack: 223, Len: 1448
47 1.563420372 10.1.40.148 10.4.20.103 TCP 66 51686 → 8080 [ACK]
Seq=223 Ack=1449 Win=32128 Len=0 TSval=1205066241 TSecr=2883206187
Frame 47: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:58.166496551 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655338.166496551 seconds
[Time delta from previous captured frame: 0.000064170 seconds]
[Time delta from previous displayed frame: 0.000064170 seconds]
[Time since reference or first frame: 1.563420372 seconds]
Frame Number: 47
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xa1e8 (41448)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x47dc [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]

```
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51686, Dst Port: 8080, Seq: 223, Ack: 1449, Len: 0
  48 1.563456193    10.4.20.103          10.1.40.148      HTTP      2422    HTTP/1.1 503 Service
Unavailable (text/html)
Frame 48: 2422 bytes on wire (19376 bits), 2422 bytes captured (19376 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:58.166532372 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655338.166532372 seconds
  [Time delta from previous captured frame: 0.000035821 seconds]
  [Time delta from previous displayed frame: 0.000035821 seconds]
  [Time since reference or first frame: 1.563456193 seconds]
  Frame Number: 48
  Frame Length: 2422 bytes (19376 bits)
  Capture Length: 2422 bytes (19376 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp:http:data-text-lines]
  [Coloring Rule Name: HTTP]
  [Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
  Destination: Dell_07:83:77 (18:db:f2:07:83:77)
  Source: Cisco_76:47:49 (64:00:f1:76:47:49)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 2408
  Identification: 0xd9ef (55791)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 62
  Protocol: TCP (6)
  Header checksum: 0x08a1 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.4.20.103
  Destination: 10.1.40.148
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51686, Seq: 1449, Ack: 223, Len: 2356
[2 Reassembled TCP Segments (3804 bytes): #46(1448), #48(2356)]
Hypertext Transfer Protocol
Line-based text data: text/html
  49 1.563473750    10.1.40.148          10.4.20.103      TCP      66      51686 → 8080 [ACK]
Seq=223 Ack=3805 Win=36864 Len=0 TSval=1205066241 TSecr=2883206187
Frame 49: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:58.166549929 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655338.166549929 seconds
  [Time delta from previous captured frame: 0.000017557 seconds]
  [Time delta from previous displayed frame: 0.000017557 seconds]
  [Time since reference or first frame: 1.563473750 seconds]
  Frame Number: 49
  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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0xa1e9 (41449)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
```

```
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x47db [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51686, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
  50 1.563701658    10.1.40.148    10.4.20.103    TCP    66    51686 → 8080 [FIN, ACK]
Seq=223 Ack=3805 Win=36864 Len=0 TSval=1205066241 TSecr=2883206187
Frame 50: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:58.166777837 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655338.166777837 seconds
  [Time delta from previous captured frame: 0.000227908 seconds]
  [Time delta from previous displayed frame: 0.000227908 seconds]
  [Time since reference or first frame: 1.563701658 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 SYN/FIN]
  [Coloring Rule String: tcp.flags & 0x02 || tcp.flags.fin == 1]
Ethernet II, Src: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0xa1ea (41450)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x47da [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.148
  Destination: 10.4.20.103
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51686, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
  51 1.568882276    10.4.20.103    10.1.40.148    TCP    66    8080 → 51686 [FIN, ACK]
Seq=3805 Ack=223 Win=30208 Len=0 TSval=2883206192 TSecr=1205066186
Frame 51: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:58.171958455 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655338.171958455 seconds
  [Time delta from previous captured frame: 0.005180618 seconds]
  [Time delta from previous displayed frame: 0.005180618 seconds]
  [Time since reference or first frame: 1.568882276 seconds]
  Frame Number: 51
  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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
  Destination: Dell_07:83:77 (18:db:f2:07:83:77)
  Source: Cisco_76:47:49 (64:00:f1:76:47:49)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
```

```
Total Length: 52
Identification: 0xd9f1 (55793)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x11d3 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51686, Seq: 3805, Ack: 223, Len: 0
  52 1.568940919 10.1.40.148 10.4.20.103 TCP 66 51686 → 8080 [ACK]
Seq=224 Ack=3806 Win=36864 Len=0 TSval=1205066247 TSecr=2883206192
Frame 52: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:58.172017098 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655338.172017098 seconds
  [Time delta from previous captured frame: 0.000058643 seconds]
  [Time delta from previous displayed frame: 0.000058643 seconds]
  [Time since reference or first frame: 1.568940919 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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0xa1eb (41451)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x47d9 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.148
  Destination: 10.4.20.103
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51686, Dst Port: 8080, Seq: 224, Ack: 3806, Len: 0
  53 1.569943458 10.4.20.103 10.1.40.148 TCP 66 8080 → 51686 [ACK]
Seq=3806 Ack=224 Win=30208 Len=0 TSval=2883206192 TSecr=1205066241
Frame 53: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:58.173019637 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655338.173019637 seconds
  [Time delta from previous captured frame: 0.001002539 seconds]
  [Time delta from previous displayed frame: 0.001002539 seconds]
  [Time since reference or first frame: 1.569943458 seconds]
  Frame Number: 53
  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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
  Destination: Dell_07:83:77 (18:db:f2:07:83:77)
  Source: Cisco_76:47:49 (64:00:f1:76:47:49)
  Type: IPv4 (0x0800)
```

```
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0xd9f2 (55794)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 62
  Protocol: TCP (6)
  Header checksum: 0x11d2 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.4.20.103
  Destination: 10.1.40.148
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51686, Seq: 3806, Ack: 224, Len: 0
  54 1.999143768 10.1.40.148 10.4.20.103 TCP 74 51688 → 8080 [SYN]
Seq=0 Win=29200 Len=0 MSS=1460 SACK_PERM=1 TSval=1205066677 TSecr=0 WS=128
Frame 54: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:58.602219947 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655338.602219947 seconds
  [Time delta from previous captured frame: 0.429200310 seconds]
  [Time delta from previous displayed frame: 0.429200310 seconds]
  [Time since reference or first frame: 1.999143768 seconds]
  Frame Number: 54
  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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 60
  Identification: 0x91e9 (37353)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x57d3 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.148
  Destination: 10.4.20.103
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51688, Dst Port: 8080, Seq: 0, Len: 0
  55 2.000960160 10.4.20.103 10.1.40.148 TCP 74 8080 → 51688 [SYN, ACK]
Seq=0 Ack=1 Win=28960 Len=0 MSS=1460 SACK_PERM=1 TSval=2883206628 TSecr=1205066677 WS=256
Frame 55: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:58.604036339 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655338.604036339 seconds
  [Time delta from previous captured frame: 0.001816392 seconds]
  [Time delta from previous displayed frame: 0.001816392 seconds]
  [Time since reference or first frame: 2.000960160 seconds]
  Frame Number: 55
  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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)

Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
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: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0xebbc [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]

Transmission Control Protocol, Src Port: 8080, Dst Port: 51688, Seq: 0, Ack: 1, Len: 0
56 2.001004360 10.1.40.148 10.4.20.103 TCP 66 51688 → 8080 [ACK]
Seq=1 Ack=1 Win=29312 Len=0 TSval=1205066679 TSecr=2883206628
Frame 56: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:58.604080539 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655338.604080539 seconds
[Time delta from previous captured frame: 0.000044200 seconds]
[Time delta from previous displayed frame: 0.000044200 seconds]
[Time since reference or first frame: 2.001004360 seconds]
Frame Number: 56
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)

Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x91ea (37354)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x57da [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]

Transmission Control Protocol, Src Port: 51688, Dst Port: 8080, Seq: 1, Ack: 1, Len: 0
57 2.001127357 10.1.40.148 10.4.20.103 HTTP 288 CONNECT
isigel.vkcache.com:443 HTTP/1.1

Frame 57: 288 bytes on wire (2304 bits), 288 bytes captured (2304 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:58.604203536 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655338.604203536 seconds
[Time delta from previous captured frame: 0.000122997 seconds]
[Time delta from previous displayed frame: 0.000122997 seconds]
[Time since reference or first frame: 2.001127357 seconds]
Frame Number: 57
Frame Length: 288 bytes (2304 bits)
Capture Length: 288 bytes (2304 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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 274
Identification: 0x91eb (37355)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x56fb [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51688, Dst Port: 8080, Seq: 1, Ack: 1, Len: 222
Hypertext Transfer Protocol
 58 2.003066839 10.4.20.103 10.1.40.148 TCP 66 8080 → 51688 [ACK]
Seq=1 Ack=223 Win=30208 Len=0 TSval=2883206630 TSecr=1205066679
Frame 58: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:58.606143018 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655338.606143018 seconds
[Time delta from previous captured frame: 0.001939482 seconds]
[Time delta from previous displayed frame: 0.001939482 seconds]
[Time since reference or first frame: 2.003066839 seconds]
Frame Number: 58
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x10aa (4266)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0xdb1a [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51688, Seq: 1, Ack: 223, Len: 0
 59 2.059193609 10.4.20.103 10.1.40.148 HTTP 3870 HTTP/1.1 503 Service
Unavailable (text/html)
Frame 59: 3870 bytes on wire (30960 bits), 3870 bytes captured (30960 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:58.662269788 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655338.662269788 seconds
[Time delta from previous captured frame: 0.056126770 seconds]
[Time delta from previous displayed frame: 0.056126770 seconds]
```

```
[Time since reference or first frame: 2.059193609 seconds]
Frame Number: 59
Frame Length: 3870 bytes (30960 bits)
Capture Length: 3870 bytes (30960 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:http:data-text-lines]
[Coloring Rule Name: HTTP]
[Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 3856
Identification: 0x10ab (4267)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0xcc3d [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51688, Seq: 1, Ack: 223, Len: 3804
Hypertext Transfer Protocol
Line-based text data: text/html
60 2.059277785 10.1.40.148 10.4.20.103 TCP 66 51688 → 8080 [ACK]
Seq=223 Ack=3805 Win=36864 Len=0 TSval=1205066737 TSecr=2883206687
Frame 60: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:58.662353964 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655338.662353964 seconds
[Time delta from previous captured frame: 0.000084176 seconds]
[Time delta from previous displayed frame: 0.000084176 seconds]
[Time since reference or first frame: 2.059277785 seconds]
Frame Number: 60
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x91ec (37356)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x57d8 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51688, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
61 2.059727469 10.1.40.148 10.4.20.103 TCP 66 51688 → 8080 [FIN, ACK]
Seq=223 Ack=3805 Win=36864 Len=0 TSval=1205066737 TSecr=2883206687
Frame 61: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
```



```
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:58.662803648 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655338.662803648 seconds
[Time delta from previous captured frame: 0.000449684 seconds]
[Time delta from previous displayed frame: 0.000449684 seconds]
[Time since reference or first frame: 2.059727469 seconds]
Frame Number: 61
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x91ed (37357)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x57d7 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51688, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
62 2.060004942 10.4.20.103 10.1.40.148 TCP 66 8080 → 51688 [FIN, ACK]
Seq=3805 Ack=224 Win=30208 Len=0 TSval=2883206689 TSecr=1205066737
Frame 62: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:58.663081121 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655338.663081121 seconds
[Time delta from previous captured frame: 0.000277473 seconds]
[Time delta from previous displayed frame: 0.000277473 seconds]
[Time since reference or first frame: 2.060004942 seconds]
Frame Number: 62
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x10ae (4270)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0xdb16 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51688, Seq: 3805, Ack: 224, Len: 0
```

63 2.060056719 10.1.40.148 10.4.20.103 TCP 66 51688 → 8080 [ACK]
Seq=224 Ack=3806 Win=36864 Len=0 TSval=1205066738 TSecr=2883206689
Frame 63: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:58.663132898 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655338.663132898 seconds
[Time delta from previous captured frame: 0.000051777 seconds]
[Time delta from previous displayed frame: 0.000051777 seconds]
[Time since reference or first frame: 2.060056719 seconds]
Frame Number: 63
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x91ee (37358)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x57d6 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51688, Dst Port: 8080, Seq: 224, Ack: 3806, Len: 0
64 2.063109317 10.1.40.131 255.255.255.255 UDP 70 48582 → 2008 Len=28
Frame 64: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:58.666185496 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655338.666185496 seconds
[Time delta from previous captured frame: 0.003052598 seconds]
[Time delta from previous displayed frame: 0.003052598 seconds]
[Time since reference or first frame: 2.063109317 seconds]
Frame Number: 64
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: Tp-LinkT_17:e9:42 (7c:8b:ca:17:e9:42), Dst: Broadcast (ff:ff:ff:ff:ff:ff)
Destination: Broadcast (ff:ff:ff:ff:ff:ff)
Source: Tp-LinkT_17:e9:42 (7c:8b:ca:17:e9:42)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.131, Dst: 255.255.255.255
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 56
Identification: 0xe111 (57617)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: UDP (17)
Header checksum: 0x2720 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.131
Destination: 255.255.255.255

```
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
User Datagram Protocol, Src Port: 48582, Dst Port: 2008
Source Port: 48582
Destination Port: 2008
Length: 36
Checksum: 0x920d [unverified]
[Checksum Status: Unverified]
[Stream index: 0]
Data (28 bytes)
0000 42 43 20 32 33 6c 61 66 65 72 72 61 72 69 2d 4c BC 23laFerrari-L
0010 65 6e 6f 76 6f 2d 5a 35 31 2d 37 30 enovo-Z51-70
Data: 42432032336c61666572726172692d4c656e6f766f2d5a35...
[Length: 28]
65 2.441357720 10.4.20.103 10.1.40.25 TCP 101 8080 → 38342 [PSH, ACK]
Seq=1 Ack=1 Win=155 Len=35 TSval=2883207070 TSecr=7193797
Frame 65: 101 bytes on wire (808 bits), 101 bytes captured (808 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:59.044433899 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655339.044433899 seconds
[Time delta from previous captured frame: 0.378248403 seconds]
[Time delta from previous displayed frame: 0.378248403 seconds]
[Time since reference or first frame: 2.441357720 seconds]
Frame Number: 65
Frame Length: 101 bytes (808 bits)
Capture Length: 101 bytes (808 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:http]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: HewlettP_7b:64:7b (a0:8c:fd:7b:64:7b)
Destination: HewlettP_7b:64:7b (a0:8c:fd:7b:64:7b)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.25
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 87
Identification: 0x7aef (31471)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x712d [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.25
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 38342, Seq: 1, Ack: 1, Len: 35
66 2.441688458 10.4.20.103 10.1.40.25 TCP 66 8080 → 38342 [ACK]
Seq=36 Ack=40 Win=155 Len=0 TSval=2883207070 TSecr=7268797
Frame 66: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:59.044764637 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655339.044764637 seconds
[Time delta from previous captured frame: 0.000330738 seconds]
[Time delta from previous displayed frame: 0.000330738 seconds]
[Time since reference or first frame: 2.441688458 seconds]
Frame Number: 66
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: HewlettP_7b:64:7b (a0:8c:fd:7b:64:7b)
Destination: HewlettP_7b:64:7b (a0:8c:fd:7b:64:7b)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
```

```
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.25
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x7af0 (31472)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x714f [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.25
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 38342, Seq: 36, Ack: 40, Len: 0
67 2.503328369 10.1.40.148 10.4.20.103 TCP 74 51690 → 8080 [SYN]
Seq=0 Win=29200 Len=0 MSS=1460 SACK_PERM=1 TSval=1205067181 TSecr=0 WS=128
Frame 67: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:59.106404548 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655339.106404548 seconds
[Time delta from previous captured frame: 0.061639911 seconds]
[Time delta from previous displayed frame: 0.061639911 seconds]
[Time since reference or first frame: 2.503328369 seconds]
Frame Number: 67
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 60
Identification: 0x4312 (17170)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xa6aa [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51690, Dst Port: 8080, Seq: 0, Len: 0
68 2.508964927 10.4.20.103 10.1.40.148 TCP 74 8080 → 51690 [SYN, ACK]
Seq=0 Ack=1 Win=28960 Len=0 MSS=1460 SACK_PERM=1 TSval=2883207132 TSecr=1205067181 WS=256
Frame 68: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:59.112041106 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655339.112041106 seconds
[Time delta from previous captured frame: 0.005636558 seconds]
[Time delta from previous displayed frame: 0.005636558 seconds]
[Time since reference or first frame: 2.508964927 seconds]
Frame Number: 68
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
  Destination: Dell_07:83:77 (18:db:f2:07:83:77)
  Source: Cisco_76:47:49 (64:00:f1:76:47:49)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
  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: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 62
  Protocol: TCP (6)
  Header checksum: 0xebbc [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.4.20.103
  Destination: 10.1.40.148
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51690, Seq: 0, Ack: 1, Len: 0
  69 2.509101033 10.1.40.148 10.4.20.103 TCP 66 51690 → 8080 [ACK]
Seq=1 Ack=1 Win=29312 Len=0 TSval=1205067187 TSecr=2883207132
Frame 69: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:59.112177212 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655339.112177212 seconds
  [Time delta from previous captured frame: 0.000136106 seconds]
  [Time delta from previous displayed frame: 0.000136106 seconds]
  [Time since reference or first frame: 2.509101033 seconds]
  Frame Number: 69
  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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0x4313 (17171)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0xa6b1 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.148
  Destination: 10.4.20.103
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51690, Dst Port: 8080, Seq: 1, Ack: 1, Len: 0
  70 2.509468536 10.1.40.148 10.4.20.103 HTTP 288 CONNECT
h1r2r0.vkcache.com:443 HTTP/1.1
Frame 70: 288 bytes on wire (2304 bits), 288 bytes captured (2304 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:59.112544715 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655339.112544715 seconds
  [Time delta from previous captured frame: 0.000367503 seconds]
  [Time delta from previous displayed frame: 0.000367503 seconds]
  [Time since reference or first frame: 2.509468536 seconds]
  Frame Number: 70
  Frame Length: 288 bytes (2304 bits)
  Capture Length: 288 bytes (2304 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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 274
Identification: 0x4314 (17172)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xa5d2 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51690, Dst Port: 8080, Seq: 1, Ack: 1, Len: 222
Hypertext Transfer Protocol
71 2.515965591 10.4.20.103 10.1.40.148 TCP 66 8080 → 51690 [ACK]
Seq=1 Ack=223 Win=30208 Len=0 TSval=2883207138 TSecr=1205067187
Frame 71: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:59.119041770 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655339.119041770 seconds
[Time delta from previous captured frame: 0.006497055 seconds]
[Time delta from previous displayed frame: 0.006497055 seconds]
[Time since reference or first frame: 2.515965591 seconds]
Frame Number: 71
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xfe01 (65025)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0xedc2 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51690, Seq: 1, Ack: 223, Len: 0
72 2.567879658 10.4.20.103 10.1.40.148 TCP 1514 8080 → 51690 [ACK]
Seq=1 Ack=223 Win=30208 Len=1448 TSval=2883207195 TSecr=1205067187 [TCP segment of a reassembled PDU]
Frame 72: 1514 bytes on wire (12112 bits), 1514 bytes captured (12112 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:59.170955837 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655339.170955837 seconds
[Time delta from previous captured frame: 0.051914067 seconds]
```

```
[Time delta from previous displayed frame: 0.051914067 seconds]
[Time since reference or first frame: 2.567879658 seconds]
Frame Number: 72
Frame Length: 1514 bytes (12112 bits)
Capture Length: 1514 bytes (12112 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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 1500
Identification: 0xfe02 (65026)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0xe819 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51690, Seq: 1, Ack: 223, Len: 1448
73 2.567933227 10.1.40.148 10.4.20.103 TCP 66 51690 → 8080 [ACK]
Seq=223 Ack=1449 Win=32128 Len=0 TSval=1205067246 TSecr=2883207195
Frame 73: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:59.171009406 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655339.171009406 seconds
[Time delta from previous captured frame: 0.000053569 seconds]
[Time delta from previous displayed frame: 0.000053569 seconds]
[Time since reference or first frame: 2.567933227 seconds]
Frame Number: 73
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x4315 (17173)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xa6af [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51690, Dst Port: 8080, Seq: 223, Ack: 1449, Len: 0
74 2.567998542 10.4.20.103 10.1.40.148 HTTP 2422 HTTP/1.1 503 Service
Unavailable (text/html)
Frame 74: 2422 bytes on wire (19376 bits), 2422 bytes captured (19376 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
```

```
Arrival Time: Feb 26, 2018 19:58:59.171074721 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655339.171074721 seconds
[Time delta from previous captured frame: 0.000065315 seconds]
[Time delta from previous displayed frame: 0.000065315 seconds]
[Time since reference or first frame: 2.567998542 seconds]
Frame Number: 74
Frame Length: 2422 bytes (19376 bits)
Capture Length: 2422 bytes (19376 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:http:data-text-lines]
[Coloring Rule Name: HTTP]
[Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 2408
Identification: 0xfe03 (65027)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0xe48c [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51690, Seq: 1449, Ack: 223, Len: 2356
[2 Reassembled TCP Segments (3804 bytes): #72(1448), #74(2356)]
Hypertext Transfer Protocol
Line-based text data: text/html
75 2.568019180 10.1.40.148 10.4.20.103 TCP 66 51690 → 8080 [ACK]
Seq=223 Ack=3805 Win=36864 Len=0 TSval=1205067246 TSecr=2883207195
Frame 75: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:59.171095359 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655339.171095359 seconds
[Time delta from previous captured frame: 0.000020638 seconds]
[Time delta from previous displayed frame: 0.000020638 seconds]
[Time since reference or first frame: 2.568019180 seconds]
Frame Number: 75
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x4316 (17174)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xa6ae [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
```



```
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51690, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
 76 2.568164831 10.1.40.148 10.4.20.103 TCP 66 51690 → 8080 [FIN, ACK]
Seq=223 Ack=3805 Win=36864 Len=0 TSval=1205067246 TSecr=2883207195
Frame 76: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:59.171241010 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655339.171241010 seconds
  [Time delta from previous captured frame: 0.000145651 seconds]
  [Time delta from previous displayed frame: 0.000145651 seconds]
  [Time since reference or first frame: 2.568164831 seconds]
  Frame Number: 76
  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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0x4317 (17175)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0xa6ad [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.148
  Destination: 10.4.20.103
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51690, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
 77 2.569129166 10.4.20.103 10.1.40.148 TCP 66 8080 → 51690 [FIN, ACK]
Seq=3805 Ack=223 Win=30208 Len=0 TSval=2883207197 TSecr=1205067187
Frame 77: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:59.172205345 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655339.172205345 seconds
  [Time delta from previous captured frame: 0.000964335 seconds]
  [Time delta from previous displayed frame: 0.000964335 seconds]
  [Time since reference or first frame: 2.569129166 seconds]
  Frame Number: 77
  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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
  Destination: Dell_07:83:77 (18:db:f2:07:83:77)
  Source: Cisco_76:47:49 (64:00:f1:76:47:49)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0xfe05 (65029)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 62
  Protocol: TCP (6)
  Header checksum: 0xedbe [validation disabled]
```

```
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51690, Seq: 3805, Ack: 223, Len: 0
  78 2.569167431 10.1.40.148 10.4.20.103 TCP 66 51690 → 8080 [ACK]
Seq=224 Ack=3806 Win=36864 Len=0 TSval=1205067247 TSecr=2883207197
Frame 78: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:59.172243610 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655339.172243610 seconds
  [Time delta from previous captured frame: 0.000038265 seconds]
  [Time delta from previous displayed frame: 0.000038265 seconds]
  [Time since reference or first frame: 2.569167431 seconds]
  Frame Number: 78
  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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0x4318 (17176)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0xa6ac [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.148
  Destination: 10.4.20.103
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51690, Dst Port: 8080, Seq: 224, Ack: 3806, Len: 0
  79 2.569624533 10.4.20.103 10.1.40.148 TCP 66 8080 → 51690 [ACK]
Seq=3806 Ack=224 Win=30208 Len=0 TSval=2883207197 TSecr=1205067246
Frame 79: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:59.172700712 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655339.172700712 seconds
  [Time delta from previous captured frame: 0.000457102 seconds]
  [Time delta from previous displayed frame: 0.000457102 seconds]
  [Time since reference or first frame: 2.569624533 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: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
  Destination: Dell_07:83:77 (18:db:f2:07:83:77)
  Source: Cisco_76:47:49 (64:00:f1:76:47:49)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0xfe06 (65030)
  Flags: 0x02 (Don't Fragment)
```

```
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0xedbd [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51690, Seq: 3806, Ack: 224, Len: 0
  80 2.584231977    10.1.40.148    10.4.20.222    DNS    71    Standard query 0xd65c
A www.mit.edu
Frame 80: 71 bytes on wire (568 bits), 71 bytes captured (568 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:59.187308156 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655339.187308156 seconds
  [Time delta from previous captured frame: 0.014607444 seconds]
  [Time delta from previous displayed frame: 0.014607444 seconds]
  [Time since reference or first frame: 2.584231977 seconds]
  Frame Number: 80
  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:udp:dns]
  [Coloring Rule Name: UDP]
  [Coloring Rule String: udp]
Ethernet II, Src: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.222
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 57
  Identification: 0xfe0c (65036)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: UDP (17)
  Header checksum: 0xeb30 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.148
  Destination: 10.4.20.222
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
User Datagram Protocol, Src Port: 54768, Dst Port: 53
  Source Port: 54768
  Destination Port: 53
  Length: 37
  Checksum: 0xaeff [unverified]
  [Checksum Status: Unverified]
  [Stream index: 2]
Domain Name System (query)
  81 2.584244664    10.1.40.148    10.4.20.204    DNS    71    Standard query 0xd65c
A www.mit.edu
Frame 81: 71 bytes on wire (568 bits), 71 bytes captured (568 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:59.187320843 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655339.187320843 seconds
  [Time delta from previous captured frame: 0.000012687 seconds]
  [Time delta from previous displayed frame: 0.000012687 seconds]
  [Time since reference or first frame: 2.584244664 seconds]
  Frame Number: 81
  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:udp:dns]
  [Coloring Rule Name: UDP]
  [Coloring Rule String: udp]
```

Ethernet II, Src: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)

Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.204
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 57
Identification: 0x7b95 (31637)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: UDP (17)
Header checksum: 0x6dba [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.204
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]

User Datagram Protocol, Src Port: 54768, Dst Port: 53
Source Port: 54768
Destination Port: 53
Length: 37
Checksum: 0xaf11 [unverified]
[Checksum Status: Unverified]
[Stream index: 3]

Domain Name System (query)
82 2.687930821 10.4.20.222 10.1.40.148 DNS 160 Standard query response
0xd65c A www.mit.edu CNAME www.mit.edu.edgekey.net CNAME e9566.dscb.akamaiedge.net A 104.80.56.63
Frame 82: 160 bytes on wire (1280 bits), 160 bytes captured (1280 bits) on interface 0

Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:59.291007000 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655339.291007000 seconds
[Time delta from previous captured frame: 0.103686157 seconds]
[Time delta from previous displayed frame: 0.103686157 seconds]
[Time since reference or first frame: 2.687930821 seconds]
Frame Number: 82
Frame Length: 160 bytes (1280 bits)
Capture Length: 160 bytes (1280 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_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)

Internet Protocol Version 4, Src: 10.4.20.222, Dst: 10.1.40.148
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 146
Identification: 0x8431 (33841)
Flags: 0x00
Fragment offset: 0
Time to live: 62
Protocol: UDP (17)
Header checksum: 0xa6b3 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.222
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]

User Datagram Protocol, Src Port: 53, Dst Port: 54768
Source Port: 53
Destination Port: 54768
Length: 126
Checksum: 0x9aab [unverified]
[Checksum Status: Unverified]
[Stream index: 2]

Domain Name System (response)

```
83 2.688826004 10.4.20.204 10.1.40.148 DNS 160 Standard query response
0xd65c A www.mit.edu CNAME www.mit.edu.edgekey.net CNAME e9566.dscb.akamaiedge.net A 104.80.56.63
Frame 83: 160 bytes on wire (1280 bits), 160 bytes captured (1280 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:59.291902183 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655339.291902183 seconds
[Time delta from previous captured frame: 0.000895183 seconds]
[Time delta from previous displayed frame: 0.000895183 seconds]
[Time since reference or first frame: 2.688826004 seconds]
Frame Number: 83
Frame Length: 160 bytes (1280 bits)
Capture Length: 160 bytes (1280 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_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.204, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 146
Identification: 0xcda7 (52647)
Flags: 0x00
Fragment offset: 0
Time to live: 62
Protocol: UDP (17)
Header checksum: 0x5d4f [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.204
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
User Datagram Protocol, Src Port: 53, Dst Port: 54768
Source Port: 53
Destination Port: 54768
Length: 126
Checksum: 0x9abd [unverified]
[Checksum Status: Unverified]
[Stream index: 3]
Domain Name System (response)
84 2.693121934 10.1.40.168 10.1.40.255 NBNS 92 Name query NB
WORKGROUP<1d>
Frame 84: 92 bytes on wire (736 bits), 92 bytes captured (736 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:59.296198113 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655339.296198113 seconds
[Time delta from previous captured frame: 0.004295930 seconds]
[Time delta from previous displayed frame: 0.004295930 seconds]
[Time since reference or first frame: 2.693121934 seconds]
Frame Number: 84
Frame Length: 92 bytes (736 bits)
Capture Length: 92 bytes (736 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:udp:nbns]
[Coloring Rule Name: SMB]
[Coloring Rule String: smb || nbss || nbns || nbipx || ipxsap || netbios]
Ethernet II, Src: HewlettP_83:25:d5 (98:e7:f4:83:25:d5), Dst: Broadcast (ff:ff:ff:ff:ff:ff)
Destination: Broadcast (ff:ff:ff:ff:ff:ff)
Source: HewlettP_83:25:d5 (98:e7:f4:83:25:d5)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.168, Dst: 10.1.40.255
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 78
Identification: 0x2b8b (11147)
```

```
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: UDP (17)
Header checksum: 0xa96b [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.168
Destination: 10.1.40.255
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
User Datagram Protocol, Src Port: 137, Dst Port: 137
Source Port: 137
Destination Port: 137
Length: 58
Checksum: 0xd839 [unverified]
[Checksum Status: Unverified]
[Stream index: 4]
NetBIOS Name Service
  85 2.761166766      10.1.40.26      239.255.255.250      SSDP      214      M-SEARCH * HTTP/1.1
Frame 85: 214 bytes on wire (1712 bits), 214 bytes captured (1712 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:59.364242945 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655339.364242945 seconds
[Time delta from previous captured frame: 0.068044832 seconds]
[Time delta from previous displayed frame: 0.068044832 seconds]
[Time since reference or first frame: 2.761166766 seconds]
Frame Number: 85
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:udp:ssdp]
[Coloring Rule Name: UDP]
[Coloring Rule String: udp]
Ethernet II, Src: HewlettP_29:37:db (70:5a:0f:29:37:db), Dst: IPv4mcast_7f:ff:fa (01:00:5e:7f:ff:fa)
Destination: IPv4mcast_7f:ff:fa (01:00:5e:7f:ff:fa)
Source: HewlettP_29:37:db (70:5a:0f:29:37:db)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.26, Dst: 239.255.255.250
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 200
Identification: 0x41a3 (16803)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 1
Protocol: UDP (17)
Header checksum: 0x156d [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.26
Destination: 239.255.255.250
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
User Datagram Protocol, Src Port: 39382, Dst Port: 1900
Source Port: 39382
Destination Port: 1900
Length: 180
Checksum: 0x9af3 [unverified]
[Checksum Status: Unverified]
[Stream index: 5]
Simple Service Discovery Protocol
  86 2.807061390      10.4.20.103      10.1.40.148      TCP      126      8080 → 49194 [PSH, ACK]
Seq=1 Ack=1 Win=258 Len=60 TSval=2883207436 TSecr=1205038551
Frame 86: 126 bytes on wire (1008 bits), 126 bytes captured (1008 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:59.410137569 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655339.410137569 seconds
[Time delta from previous captured frame: 0.045894624 seconds]
[Time delta from previous displayed frame: 0.045894624 seconds]
[Time since reference or first frame: 2.807061390 seconds]
Frame Number: 86
```

```
Frame Length: 126 bytes (1008 bits)
Capture Length: 126 bytes (1008 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:http]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 112
Identification: 0x3552 (13650)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0xb636 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 49194, Seq: 1, Ack: 1, Len: 60
87 2.847626981 10.1.40.148 10.4.20.103 TCP 66 49194 → 8080 [ACK]
Seq=1 Ack=61 Win=1444 Len=0 TSval=1205067485 TSecr=2883207436
Frame 87: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:59.450703160 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655339.450703160 seconds
[Time delta from previous captured frame: 0.040565591 seconds]
[Time delta from previous displayed frame: 0.040565591 seconds]
[Time since reference or first frame: 2.847626981 seconds]
Frame Number: 87
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xea fb (60155)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xfec8 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 49194, Dst Port: 8080, Seq: 1, Ack: 61, Len: 0
88 3.001553456 10.1.40.148 10.4.20.103 TCP 74 51692 → 8080 [SYN]
Seq=0 Win=29200 Len=0 MSS=1460 SACK_PERM=1 TSval=1205067679 TSecr=0 WS=128
Frame 88: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:59.604629635 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655339.604629635 seconds
```

```
[Time delta from previous captured frame: 0.153926475 seconds]
[Time delta from previous displayed frame: 0.153926475 seconds]
[Time since reference or first frame: 3.001553456 seconds]
Frame Number: 88
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 60
Identification: 0x81b0 (33200)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x680c [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51692, Dst Port: 8080, Seq: 0, Len: 0
89 3.001945715 10.4.20.103 10.1.40.148 TCP 74 8080 → 51692 [SYN, ACK]
Seq=0 Ack=1 Win=28960 Len=0 MSS=1460 SACK_PERM=1 TSval=2883207630 TSecr=1205067679 WS=256
Frame 89: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:59.605021894 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655339.605021894 seconds
[Time delta from previous captured frame: 0.000392259 seconds]
[Time delta from previous displayed frame: 0.000392259 seconds]
[Time since reference or first frame: 3.001945715 seconds]
Frame Number: 89
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
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: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0xebbc [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51692, Seq: 0, Ack: 1, Len: 0
90 3.002051914 10.1.40.148 10.4.20.103 TCP 66 51692 → 8080 [ACK]
Seq=1 Ack=1 Win=29312 Len=0 TSval=1205067680 TSecr=2883207630
Frame 90: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
```



```
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:59.605128093 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655339.605128093 seconds
[Time delta from previous captured frame: 0.000106199 seconds]
[Time delta from previous displayed frame: 0.000106199 seconds]
[Time since reference or first frame: 3.002051914 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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x81b1 (33201)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x6813 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51692, Dst Port: 8080, Seq: 1, Ack: 1, Len: 0
  91 3.002371310 10.1.40.148 10.4.20.103 HTTP 288 CONNECT
e1nm02.vkcache.com:443 HTTP/1.1
Frame 91: 288 bytes on wire (2304 bits), 288 bytes captured (2304 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:59.605447489 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655339.605447489 seconds
[Time delta from previous captured frame: 0.000319396 seconds]
[Time delta from previous displayed frame: 0.000319396 seconds]
[Time since reference or first frame: 3.002371310 seconds]
Frame Number: 91
Frame Length: 288 bytes (2304 bits)
Capture Length: 288 bytes (2304 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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 274
Identification: 0x81b2 (33202)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x6734 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51692, Dst Port: 8080, Seq: 1, Ack: 1, Len: 222
```

Hypertext Transfer Protocol

92 3.002691937 10.4.20.103 10.1.40.148 TCP 66 8080 → 51692 [ACK]

Seq=1 Ack=223 Win=30208 Len=0 TSval=2883207631 TSecr=1205067680

Frame 92: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0

Interface id: 0 (enp3s0)

Encapsulation type: Ethernet (1)

Arrival Time: Feb 26, 2018 19:58:59.605768116 IST

[Time shift for this packet: 0.000000000 seconds]

Epoch Time: 1519655339.605768116 seconds

[Time delta from previous captured frame: 0.000320627 seconds]

[Time delta from previous displayed frame: 0.000320627 seconds]

[Time since reference or first frame: 3.002691937 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: TCP]

[Coloring Rule String: tcp]

Ethernet II, Src: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)

Destination: Dell_07:83:77 (18:db:f2:07:83:77)

Source: Cisco_76:47:49 (64:00:f1:76:47:49)

Type: IPv4 (0x0800)

Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148

0100 = Version: 4

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

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

Total Length: 52

Identification: 0x5c8b (23691)

Flags: 0x02 (Don't Fragment)

Fragment offset: 0

Time to live: 62

Protocol: TCP (6)

Header checksum: 0x8f39 [validation disabled]

[Header checksum status: Unverified]

Source: 10.4.20.103

Destination: 10.1.40.148

[Source GeoIP: Unknown]

[Destination GeoIP: Unknown]

Transmission Control Protocol, Src Port: 8080, Dst Port: 51692, Seq: 1, Ack: 223, Len: 0

93 3.054798549 10.4.20.103 10.1.40.148 TCP 1514 8080 → 51692 [ACK]

Seq=1 Ack=223 Win=30208 Len=1448 TSval=2883207682 TSecr=1205067680 [TCP segment of a reassembled PDU]

Frame 93: 1514 bytes on wire (12112 bits), 1514 bytes captured (12112 bits) on interface 0

Interface id: 0 (enp3s0)

Encapsulation type: Ethernet (1)

Arrival Time: Feb 26, 2018 19:58:59.657874728 IST

[Time shift for this packet: 0.000000000 seconds]

Epoch Time: 1519655339.657874728 seconds

[Time delta from previous captured frame: 0.052106612 seconds]

[Time delta from previous displayed frame: 0.052106612 seconds]

[Time since reference or first frame: 3.054798549 seconds]

Frame Number: 93

Frame Length: 1514 bytes (12112 bits)

Capture Length: 1514 bytes (12112 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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)

Destination: Dell_07:83:77 (18:db:f2:07:83:77)

Source: Cisco_76:47:49 (64:00:f1:76:47:49)

Type: IPv4 (0x0800)

Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148

0100 = Version: 4

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

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

Total Length: 1500

Identification: 0x5c8c (23692)

Flags: 0x02 (Don't Fragment)

Fragment offset: 0

Time to live: 62

Protocol: TCP (6)

Header checksum: 0x8990 [validation disabled]

[Header checksum status: Unverified]

Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51692, Seq: 1, Ack: 223, Len: 1448
94 3.054872623 10.1.40.148 10.4.20.103 TCP 66 51692 → 8080 [ACK]
Seq=223 Ack=1449 Win=32128 Len=0 TSval=1205067733 TSecr=2883207682
Frame 94: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:59.657948802 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655339.657948802 seconds
[Time delta from previous captured frame: 0.000074074 seconds]
[Time delta from previous displayed frame: 0.000074074 seconds]
[Time since reference or first frame: 3.054872623 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]
[Coloring Rule String: tcp]
Ethernet II, Src: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x81b3 (33203)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x6811 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51692, Dst Port: 8080, Seq: 223, Ack: 1449, Len: 0
95 3.054909163 10.4.20.103 10.1.40.148 HTTP 2422 HTTP/1.1 503 Service Unavailable (text/html)
Frame 95: 2422 bytes on wire (19376 bits), 2422 bytes captured (19376 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:59.657985342 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655339.657985342 seconds
[Time delta from previous captured frame: 0.000036540 seconds]
[Time delta from previous displayed frame: 0.000036540 seconds]
[Time since reference or first frame: 3.054909163 seconds]
Frame Number: 95
Frame Length: 2422 bytes (19376 bits)
Capture Length: 2422 bytes (19376 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:http:data-text-lines]
[Coloring Rule Name: HTTP]
[Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 2408
Identification: 0x5c8d (23693)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0

```
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x8603 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51692, Seq: 1449, Ack: 223, Len: 2356
[2 Reassembled TCP Segments (3804 bytes): #93(1448), #95(2356)]
Hypertext Transfer Protocol
Line-based text data: text/html
  96 3.054931824    10.1.40.148    10.4.20.103    TCP    66    51692 → 8080 [ACK]
Seq=223 Ack=3805 Win=36864 Len=0 TSval=1205067733 TSecr=2883207682
Frame 96: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:59.658008003 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655339.658008003 seconds
  [Time delta from previous captured frame: 0.000022661 seconds]
  [Time delta from previous displayed frame: 0.000022661 seconds]
  [Time since reference or first frame: 3.054931824 seconds]
  Frame Number: 96
  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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0x81b4 (33204)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x6810 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.148
  Destination: 10.4.20.103
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51692, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
  97 3.055179223    10.1.40.148    10.4.20.103    TCP    66    51692 → 8080 [FIN, ACK]
Seq=223 Ack=3805 Win=36864 Len=0 TSval=1205067733 TSecr=2883207682
Frame 97: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:59.658255402 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655339.658255402 seconds
  [Time delta from previous captured frame: 0.000247399 seconds]
  [Time delta from previous displayed frame: 0.000247399 seconds]
  [Time since reference or first frame: 3.055179223 seconds]
  Frame Number: 97
  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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4(0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
```

```
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x81b5 (33205)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x680f [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51692, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
  98 3.055366095    10.4.20.103    10.1.40.148    TCP        66      8080 → 51692 [FIN, ACK]
Seq=3805 Ack=223 Win=30208 Len=0 TSval=2883207683 TSecr=1205067680
Frame 98: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:59.658442274 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655339.658442274 seconds
  [Time delta from previous captured frame: 0.000186872 seconds]
  [Time delta from previous displayed frame: 0.000186872 seconds]
  [Time since reference or first frame: 3.055366095 seconds]
  Frame Number: 98
  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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
  Destination: Dell_07:83:77 (18:db:f2:07:83:77)
  Source: Cisco_76:47:49 (64:00:f1:76:47:49)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x5c8f (23695)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x8f35 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51692, Seq: 3805, Ack: 223, Len: 0
  99 3.055397999    10.1.40.148    10.4.20.103    TCP        66      51692 → 8080 [ACK]
Seq=224 Ack=3806 Win=36864 Len=0 TSval=1205067733 TSecr=2883207683
Frame 99: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:59.658474178 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655339.658474178 seconds
  [Time delta from previous captured frame: 0.000031904 seconds]
  [Time delta from previous displayed frame: 0.000031904 seconds]
  [Time since reference or first frame: 3.055397999 seconds]
  Frame Number: 99
  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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
```

```
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x81b6 (33206)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x680e [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51692, Dst Port: 8080, Seq: 224, Ack: 3806, Len: 0
100 3.060114679 10.4.20.103 10.1.40.148 TCP 66 8080 → 51692 [ACK]
Seq=3806 Ack=224 Win=30208 Len=0 TSval=2883207684 TSecr=1205067733
Frame 100: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:59.663190858 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655339.663190858 seconds
[Time delta from previous captured frame: 0.004716680 seconds]
[Time delta from previous displayed frame: 0.004716680 seconds]
[Time since reference or first frame: 3.060114679 seconds]
Frame Number: 100
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x5c90 (23696)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x8f34 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51692, Seq: 3806, Ack: 224, Len: 0
101 3.063236095 10.1.40.131 255.255.255.255 UDP 70 48582 → 2008 Len=28
Frame 101: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:58:59.666312274 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655339.666312274 seconds
[Time delta from previous captured frame: 0.003121416 seconds]
[Time delta from previous displayed frame: 0.003121416 seconds]
[Time since reference or first frame: 3.063236095 seconds]
Frame Number: 101
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: Tp-LinkT_17:e9:42 (7c:8b:ca:17:e9:42), Dst: Broadcast (ff:ff:ff:ff:ff:ff)
  Destination: Broadcast (ff:ff:ff:ff:ff:ff)
  Source: Tp-LinkT_17:e9:42 (7c:8b:ca:17:e9:42)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.131, Dst: 255.255.255.255
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 56
  Identification: 0xe138 (57656)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: UDP (17)
  Header checksum: 0x26f9 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.131
  Destination: 255.255.255.255
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
User Datagram Protocol, Src Port: 48582, Dst Port: 2008
  Source Port: 48582
  Destination Port: 2008
  Length: 36
  Checksum: 0x920d [unverified]
  [Checksum Status: Unverified]
  [Stream index: 0]
Data (28 bytes)
0000  42 43 20 32 33 6c 61 66 65 72 72 61 72 69 2d 4c    BC 23laferrari-L
0010  65 6e 6f 76 6f 2d 5a 35 31 2d 37 30              enovo-Z51-70
  Data: 42432032336c61666572726172692d4c656e6f766f2d5a35...
  [Length: 28]
  102 3.096538446      Cisco_c2:fa:04      Spanning-tree-(for-bridges)_00 STP      60      Conf. Root =
32768/507/00:1d:45:55:2c:00 Cost = 16 Port = 0x8004
Frame 102: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:58:59.699614625 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655339.699614625 seconds
  [Time delta from previous captured frame: 0.033302351 seconds]
  [Time delta from previous displayed frame: 0.033302351 seconds]
  [Time since reference or first frame: 3.096538446 seconds]
  Frame Number: 102
  Frame Length: 60 bytes (480 bits)
  Capture Length: 60 bytes (480 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:llc:stp]
  [Coloring Rule Name: Broadcast]
  [Coloring Rule String: eth[0] & 1]
IEEE 802.3 Ethernet
Logical-Link Control
Spanning Tree Protocol
  103 3.500911790      10.1.40.148      10.4.20.103      TCP      74      51694 → 8080 [SYN]
Seq=0 Win=29200 Len=0 MSS=1460 SACK_PERM=1 TSval=1205068179 TSecr=0 WS=128
Frame 103: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:00.103987969 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655340.103987969 seconds
  [Time delta from previous captured frame: 0.404373344 seconds]
  [Time delta from previous displayed frame: 0.404373344 seconds]
  [Time since reference or first frame: 3.500911790 seconds]
  Frame Number: 103
  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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
```

```
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 60
Identification: 0x20e0 (8416)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xc8dc [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51694, Dst Port: 8080, Seq: 0, Len: 0
104 3.502233214 10.4.20.103 10.1.40.148 TCP 74 8080 → 51694 [SYN, ACK]
Seq=0 Ack=1 Win=28960 Len=0 MSS=1460 SACK_PERM=1 TSval=2883208130 TSecr=1205068179 WS=256
Frame 104: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:00.105309393 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655340.105309393 seconds
[Time delta from previous captured frame: 0.001321424 seconds]
[Time delta from previous displayed frame: 0.001321424 seconds]
[Time since reference or first frame: 3.502233214 seconds]
Frame Number: 104
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
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: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0xebbc [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51694, Seq: 0, Ack: 1, Len: 0
105 3.502318303 10.1.40.148 10.4.20.103 TCP 66 51694 → 8080 [ACK]
Seq=1 Ack=1 Win=29312 Len=0 TSval=1205068180 TSecr=2883208130
Frame 105: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:00.105394482 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655340.105394482 seconds
[Time delta from previous captured frame: 0.000085089 seconds]
[Time delta from previous displayed frame: 0.000085089 seconds]
[Time since reference or first frame: 3.502318303 seconds]
Frame Number: 105
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0x20e1 (8417)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0xc8e3 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.148
  Destination: 10.4.20.103
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51694, Dst Port: 8080, Seq: 1, Ack: 1, Len: 0
  106 3.502558113 10.1.40.148 10.4.20.103 HTTP 288 CONNECT
hj8pgn.vkcache.com:443 HTTP/1.1
Frame 106: 288 bytes on wire (2304 bits), 288 bytes captured (2304 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:00.105634292 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655340.105634292 seconds
  [Time delta from previous captured frame: 0.000239810 seconds]
  [Time delta from previous displayed frame: 0.000239810 seconds]
  [Time since reference or first frame: 3.502558113 seconds]
  Frame Number: 106
  Frame Length: 288 bytes (2304 bits)
  Capture Length: 288 bytes (2304 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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 274
  Identification: 0x20e2 (8418)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0xc804 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.148
  Destination: 10.4.20.103
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51694, Dst Port: 8080, Seq: 1, Ack: 1, Len: 222
Hypertext Transfer Protocol
  107 3.503121607 10.4.20.103 10.1.40.148 TCP 66 8080 → 51694 [ACK]
Seq=1 Ack=223 Win=30208 Len=0 TSval=2883208131 TSecr=1205068180
Frame 107: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:00.106197786 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655340.106197786 seconds
  [Time delta from previous captured frame: 0.000563494 seconds]
  [Time delta from previous displayed frame: 0.000563494 seconds]
  [Time since reference or first frame: 3.503121607 seconds]
```

```
Frame Number: 107
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x6d89 (28041)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x7e3b [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51694, Seq: 1, Ack: 223, Len: 0
108 3.595335457 10.4.20.103 10.1.40.148 HTTP 3870 HTTP/1.1 503 Service
Unavailable (text/html)
Frame 108: 3870 bytes on wire (30960 bits), 3870 bytes captured (30960 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:00.198411636 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655340.198411636 seconds
[Time delta from previous captured frame: 0.092213850 seconds]
[Time delta from previous displayed frame: 0.092213850 seconds]
[Time since reference or first frame: 3.595335457 seconds]
Frame Number: 108
Frame Length: 3870 bytes (30960 bits)
Capture Length: 3870 bytes (30960 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:http:data-text-lines]
[Coloring Rule Name: HTTP]
[Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 3856
Identification: 0x6d8a (28042)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x6f5e [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51694, Seq: 1, Ack: 223, Len: 3804
Hypertext Transfer Protocol
Line-based text data: text/html
109 3.595419981 10.1.40.148 10.4.20.103 TCP 66 51694 → 8080 [ACK]
Seq=223 Ack=3805 Win=36864 Len=0 TSval=1205068273 TSecr=2883208223
Frame 109: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
```

```
Arrival Time: Feb 26, 2018 19:59:00.198496160 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655340.198496160 seconds
[Time delta from previous captured frame: 0.000084524 seconds]
[Time delta from previous displayed frame: 0.000084524 seconds]
[Time since reference or first frame: 3.595419981 seconds]
Frame Number: 109
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x20e3 (8419)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xc8e1 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51694, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
110 3.595822885 10.1.40.148 10.4.20.103 TCP 66 51694 → 8080 [FIN, ACK]
Seq=223 Ack=3805 Win=36864 Len=0 TSval=1205068274 TSecr=2883208223
Frame 110: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:00.198899064 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655340.198899064 seconds
[Time delta from previous captured frame: 0.000402904 seconds]
[Time delta from previous displayed frame: 0.000402904 seconds]
[Time since reference or first frame: 3.595822885 seconds]
Frame Number: 110
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x20e4 (8420)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xc8e0 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51694, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
```

```
111 3.597785597 10.4.20.103 10.1.40.148 TCP 66 8080 → 51694 [FIN, ACK]
Seq=3805 Ack=224 Win=30208 Len=0 TSval=2883208226 TSecr=1205068274
Frame 111: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:00.200861776 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655340.200861776 seconds
[Time delta from previous captured frame: 0.001962712 seconds]
[Time delta from previous displayed frame: 0.001962712 seconds]
[Time since reference or first frame: 3.597785597 seconds]
Frame Number: 111
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x6d8d (28045)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x7e37 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51694, Seq: 3805, Ack: 224, Len: 0
112 3.597883754 10.1.40.148 10.4.20.103 TCP 66 51694 → 8080 [ACK]
Seq=224 Ack=3806 Win=36864 Len=0 TSval=1205068276 TSecr=2883208226
Frame 112: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:00.200959933 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655340.200959933 seconds
[Time delta from previous captured frame: 0.000098157 seconds]
[Time delta from previous displayed frame: 0.000098157 seconds]
[Time since reference or first frame: 3.597883754 seconds]
Frame Number: 112
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x20e5 (8421)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xc8df [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
```

Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51694, Dst Port: 8080, Seq: 224, Ack: 3806, Len: 0
113 3.637683992 10.1.40.111 239.255.255.250 SSDP 214 M-SEARCH * HTTP/1.1
Frame 113: 214 bytes on wire (1712 bits), 214 bytes captured (1712 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:00.240760171 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655340.240760171 seconds
[Time delta from previous captured frame: 0.039800238 seconds]
[Time delta from previous displayed frame: 0.039800238 seconds]
[Time since reference or first frame: 3.637683992 seconds]
Frame Number: 113
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:udp:ssdp]
[Coloring Rule Name: UDP]
[Coloring Rule String: udp]
Ethernet II, Src: Dell_75:51:0f (34:17:eb:75:51:0f), Dst: IPv4mcast_7f:ff:fa (01:00:5e:7f:ff:fa)
Destination: IPv4mcast_7f:ff:fa (01:00:5e:7f:ff:fa)
Source: Dell_75:51:0f (34:17:eb:75:51:0f)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.111, Dst: 239.255.255.250
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 200
Identification: 0xac62 (44130)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 1
Protocol: UDP (17)
Header checksum: 0xaa58 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.111
Destination: 239.255.255.250
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
User Datagram Protocol, Src Port: 51116, Dst Port: 1900
Source Port: 51116
Destination Port: 1900
Length: 180
Checksum: 0x77cf [unverified]
[Checksum Status: Unverified]
[Stream index: 6]
Simple Service Discovery Protocol
114 3.761880745 10.1.40.26 239.255.255.250 SSDP 214 M-SEARCH * HTTP/1.1
Frame 114: 214 bytes on wire (1712 bits), 214 bytes captured (1712 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:00.364956924 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655340.364956924 seconds
[Time delta from previous captured frame: 0.124196753 seconds]
[Time delta from previous displayed frame: 0.124196753 seconds]
[Time since reference or first frame: 3.761880745 seconds]
Frame Number: 114
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:udp:ssdp]
[Coloring Rule Name: UDP]
[Coloring Rule String: udp]
Ethernet II, Src: HewlettP_29:37:db (70:5a:0f:29:37:db), Dst: IPv4mcast_7f:ff:fa (01:00:5e:7f:ff:fa)
Destination: IPv4mcast_7f:ff:fa (01:00:5e:7f:ff:fa)
Source: HewlettP_29:37:db (70:5a:0f:29:37:db)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.26, Dst: 239.255.255.250
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

```
Total Length: 200
Identification: 0x4294 (17044)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 1
Protocol: UDP (17)
Header checksum: 0x147c [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.26
Destination: 239.255.255.250
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
User Datagram Protocol, Src Port: 39382, Dst Port: 1900
Source Port: 39382
Destination Port: 1900
Length: 180
Checksum: 0x9af3 [unverified]
[Checksum Status: Unverified]
[Stream index: 5]
Simple Service Discovery Protocol
115 4.002023240 10.1.40.148 10.4.20.103 TCP 74 51696 → 8080 [SYN]
Seq=0 Win=29200 Len=0 MSS=1460 SACK_PERM=1 TSval=1205068680 TSecr=0 WS=128
Frame 115: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:00.605099419 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655340.605099419 seconds
[Time delta from previous captured frame: 0.240142495 seconds]
[Time delta from previous displayed frame: 0.240142495 seconds]
[Time since reference or first frame: 4.002023240 seconds]
Frame Number: 115
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 60
Identification: 0x9a1d (39453)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x4f9f [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51696, Dst Port: 8080, Seq: 0, Len: 0
116 4.004186506 10.4.20.103 10.1.40.148 TCP 74 8080 → 51696 [SYN, ACK]
Seq=0 Ack=1 Win=28960 Len=0 MSS=1460 SACK_PERM=1 TSval=2883208631 TSecr=1205068680 WS=256
Frame 116: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:00.607262685 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655340.607262685 seconds
[Time delta from previous captured frame: 0.002163266 seconds]
[Time delta from previous displayed frame: 0.002163266 seconds]
[Time since reference or first frame: 4.004186506 seconds]
Frame Number: 116
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
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: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0xebbc [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51696, Seq: 0, Ack: 1, Len: 0
117 4.004302633 10.1.40.148 10.4.20.103 TCP 66 51696 → 8080 [ACK]
Seq=1 Ack=1 Win=29312 Len=0 TSval=1205068682 TSecr=2883208631
Frame 117: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:00.607378812 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655340.607378812 seconds
[Time delta from previous captured frame: 0.000116127 seconds]
[Time delta from previous displayed frame: 0.000116127 seconds]
[Time since reference or first frame: 4.004302633 seconds]
Frame Number: 117
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x9a1e (39454)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x4fa6 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51696, Dst Port: 8080, Seq: 1, Ack: 1, Len: 0
118 4.004605475 10.1.40.148 10.4.20.103 HTTP 288 CONNECT
8hpn1b.vkcache.com:443 HTTP/1.1
Frame 118: 288 bytes on wire (2304 bits), 288 bytes captured (2304 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:00.607681654 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655340.607681654 seconds
[Time delta from previous captured frame: 0.000302842 seconds]
[Time delta from previous displayed frame: 0.000302842 seconds]
[Time since reference or first frame: 4.004605475 seconds]
Frame Number: 118
```

```
Frame Length: 288 bytes (2304 bits)
Capture Length: 288 bytes (2304 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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 274
Identification: 0x9a1f (39455)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x4ec7 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51696, Dst Port: 8080, Seq: 1, Ack: 1, Len: 222
Hypertext Transfer Protocol
119 4.006087215 10.4.20.103 10.1.40.148 TCP 66 8080 → 51696 [ACK]
Seq=1 Ack=223 Win=30208 Len=0 TSval=2883208633 TSecr=1205068682
Frame 119: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:00.609163394 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655340.609163394 seconds
[Time delta from previous captured frame: 0.001481740 seconds]
[Time delta from previous displayed frame: 0.001481740 seconds]
[Time since reference or first frame: 4.006087215 seconds]
Frame Number: 119
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xe764 (59236)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x0460 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51696, Seq: 1, Ack: 223, Len: 0
120 4.063477165 10.1.40.131 255.255.255.255 UDP 70 48582 → 2008 Len=28
Frame 120: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:00.666553344 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655340.666553344 seconds
```



```
[Time delta from previous captured frame: 0.057389950 seconds]
[Time delta from previous displayed frame: 0.057389950 seconds]
[Time since reference or first frame: 4.063477165 seconds]
Frame Number: 120
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: Tp-LinkT_17:e9:42 (7c:8b:ca:17:e9:42), Dst: Broadcast (ff:ff:ff:ff:ff:ff)
Destination: Broadcast (ff:ff:ff:ff:ff:ff)
Source: Tp-LinkT_17:e9:42 (7c:8b:ca:17:e9:42)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.131, Dst: 255.255.255.255
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 56
Identification: 0xe191 (57745)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: UDP (17)
Header checksum: 0x26a0 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.131
Destination: 255.255.255.255
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
User Datagram Protocol, Src Port: 48582, Dst Port: 2008
Source Port: 48582
Destination Port: 2008
Length: 36
Checksum: 0x920d [unverified]
[Checksum Status: Unverified]
[Stream index: 0]
Data (28 bytes)
0000 42 43 20 32 33 6c 61 66 65 72 72 61 72 69 2d 4c    BC 23laferrari-L
0010 65 6e 6f 76 6f 2d 5a 35 31 2d 37 30              enovo-Z51-70
Data: 42432032336c61666572726172692d4c656e6f766f2d5a35...
[Length: 28]
121 4.074857623    10.4.20.103                10.1.40.148                HTTP    3870    HTTP/1.1 503 Service
Unavailable (text/html)
Frame 121: 3870 bytes on wire (30960 bits), 3870 bytes captured (30960 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:00.677933802 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655340.677933802 seconds
[Time delta from previous captured frame: 0.011380458 seconds]
[Time delta from previous displayed frame: 0.011380458 seconds]
[Time since reference or first frame: 4.074857623 seconds]
Frame Number: 121
Frame Length: 3870 bytes (30960 bits)
Capture Length: 3870 bytes (30960 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:http:data-text-lines]
[Coloring Rule Name: HTTP]
[Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 3856
Identification: 0xe765 (59237)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
```

```
Header checksum: 0xf582 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51696, Seq: 1, Ack: 223, Len: 3804
Hypertext Transfer Protocol
Line-based text data: text/html
122 4.074944013 10.1.40.148 10.4.20.103 TCP 66 51696 → 8080 [ACK]
Seq=223 Ack=3805 Win=36864 Len=0 TSval=1205068753 TSecr=2883208703
Frame 122: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:00.678020192 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655340.678020192 seconds
[Time delta from previous captured frame: 0.000086390 seconds]
[Time delta from previous displayed frame: 0.000086390 seconds]
[Time since reference or first frame: 4.074944013 seconds]
Frame Number: 122
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x9a20 (39456)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x4fa4 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51696, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
123 4.075289837 10.1.40.148 10.4.20.103 TCP 66 51696 → 8080 [FIN, ACK]
Seq=223 Ack=3805 Win=36864 Len=0 TSval=1205068753 TSecr=2883208703
Frame 123: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:00.678366016 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655340.678366016 seconds
[Time delta from previous captured frame: 0.000345824 seconds]
[Time delta from previous displayed frame: 0.000345824 seconds]
[Time since reference or first frame: 4.075289837 seconds]
Frame Number: 123
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
```

```
Total Length: 52
Identification: 0x9a21 (39457)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x4fa3 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51696, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
124 4.077310882 10.4.20.103 10.1.40.148 TCP 66 8080 → 51696 [FIN, ACK]
Seq=3805 Ack=224 Win=30208 Len=0 TSval=2883208706 TSecr=1205068753
Frame 124: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:00.680387061 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655340.680387061 seconds
[Time delta from previous captured frame: 0.002021045 seconds]
[Time delta from previous displayed frame: 0.002021045 seconds]
[Time since reference or first frame: 4.077310882 seconds]
Frame Number: 124
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xe768 (59240)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x045c [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51696, Seq: 3805, Ack: 224, Len: 0
125 4.077400233 10.1.40.148 10.4.20.103 TCP 66 51696 → 8080 [ACK]
Seq=224 Ack=3806 Win=36864 Len=0 TSval=1205068755 TSecr=2883208706
Frame 125: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:00.680476412 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655340.680476412 seconds
[Time delta from previous captured frame: 0.000089351 seconds]
[Time delta from previous displayed frame: 0.000089351 seconds]
[Time since reference or first frame: 4.077400233 seconds]
Frame Number: 125
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4(0x0800)
```

```
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0x9a22 (39458)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x4fa2 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.148
  Destination: 10.4.20.103
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51696, Dst Port: 8080, Seq: 224, Ack: 3806, Len: 0
  126 4.282918666 Cisco_c2:fa:04 Cisco_c2:fa:04 LOOP 60 Reply
Frame 126: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:00.885994845 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655340.885994845 seconds
  [Time delta from previous captured frame: 0.205518433 seconds]
  [Time delta from previous displayed frame: 0.205518433 seconds]
  [Time since reference or first frame: 4.282918666 seconds]
  Frame Number: 126
  Frame Length: 60 bytes (480 bits)
  Capture Length: 60 bytes (480 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:loop:data]
Ethernet II, Src: Cisco_c2:fa:04 (00:22:0c:c2:fa:04), Dst: Cisco_c2:fa:04 (00:22:0c:c2:fa:04)
  Destination: Cisco_c2:fa:04 (00:22:0c:c2:fa:04)
  Source: Cisco_c2:fa:04 (00:22:0c:c2:fa:04)
  Type: Loopback (0x9000)
Configuration Test Protocol (loopback)
Data (40 bytes)
0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0020 00 00 00 00 00 00 00 00 .....
  Data: 000000000000000000000000000000000000000000000000...
  [Length: 40]
  127 4.501398652 10.1.40.148 10.4.20.103 TCP 74 51698 → 8080 [SYN]
Seq=0 Win=29200 Len=0 MSS=1460 SACK_PERM=1 TSval=1205069179 TSecr=0 WS=128
Frame 127: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:01.104474831 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655341.104474831 seconds
  [Time delta from previous captured frame: 0.218479986 seconds]
  [Time delta from previous displayed frame: 0.218479986 seconds]
  [Time since reference or first frame: 4.501398652 seconds]
  Frame Number: 127
  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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 60
  Identification: 0x687c (26748)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
```

```
Protocol: TCP (6)
Header checksum: 0x8140 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51698, Dst Port: 8080, Seq: 0, Len: 0
128 4.501569352 10.4.20.103 10.1.40.148 TCP 74 8080 → 51698 [SYN, ACK]
Seq=0 Ack=1 Win=28960 Len=0 MSS=1460 SACK_PERM=1 TSval=2883209130 TSecr=1205069179 WS=256
Frame 128: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.104645531 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.104645531 seconds
[Time delta from previous captured frame: 0.000170700 seconds]
[Time delta from previous displayed frame: 0.000170700 seconds]
[Time since reference or first frame: 4.501569352 seconds]
Frame Number: 128
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
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: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0xebbc [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51698, Seq: 0, Ack: 1, Len: 0
129 4.501669352 10.1.40.148 10.4.20.103 TCP 66 51698 → 8080 [ACK]
Seq=1 Ack=1 Win=29312 Len=0 TSval=1205069179 TSecr=2883209130
Frame 129: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.104745531 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.104745531 seconds
[Time delta from previous captured frame: 0.000100000 seconds]
[Time delta from previous displayed frame: 0.000100000 seconds]
[Time since reference or first frame: 4.501669352 seconds]
Frame Number: 129
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
```

```
Identification: 0x687d (26749)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x8147 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51698, Dst Port: 8080, Seq: 1, Ack: 1, Len: 0
130 4.502153909 10.1.40.148 10.4.20.103 HTTP 288 CONNECT
nvczul.vkcache.com:443 HTTP/1.1
Frame 130: 288 bytes on wire (2304 bits), 288 bytes captured (2304 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.105230088 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.105230088 seconds
[Time delta from previous captured frame: 0.000484557 seconds]
[Time delta from previous displayed frame: 0.000484557 seconds]
[Time since reference or first frame: 4.502153909 seconds]
Frame Number: 130
Frame Length: 288 bytes (2304 bits)
Capture Length: 288 bytes (2304 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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 274
Identification: 0x687e (26750)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x8068 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51698, Dst Port: 8080, Seq: 1, Ack: 1, Len: 222
Hypertext Transfer Protocol
131 4.502343873 10.4.20.103 10.1.40.148 TCP 66 8080 → 51698 [ACK]
Seq=1 Ack=223 Win=30208 Len=0 TSval=2883209131 TSecr=1205069180
Frame 131: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.105420052 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.105420052 seconds
[Time delta from previous captured frame: 0.000189964 seconds]
[Time delta from previous displayed frame: 0.000189964 seconds]
[Time since reference or first frame: 4.502343873 seconds]
Frame Number: 131
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
```

```
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0xbb3a (47930)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 62
  Protocol: TCP (6)
  Header checksum: 0x308a [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.4.20.103
  Destination: 10.1.40.148
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51698, Seq: 1, Ack: 223, Len: 0
  132 4.551264589 10.4.20.103 10.1.40.148 HTTP 3870 HTTP/1.1 503 Service
Unavailable (text/html)
Frame 132: 3870 bytes on wire (30960 bits), 3870 bytes captured (30960 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:01.154340768 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655341.154340768 seconds
  [Time delta from previous captured frame: 0.048920716 seconds]
  [Time delta from previous displayed frame: 0.048920716 seconds]
  [Time since reference or first frame: 4.551264589 seconds]
  Frame Number: 132
  Frame Length: 3870 bytes (30960 bits)
  Capture Length: 3870 bytes (30960 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp:http:data-text-lines]
  [Coloring Rule Name: HTTP]
  [Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
  Destination: Dell_07:83:77 (18:db:f2:07:83:77)
  Source: Cisco_76:47:49 (64:00:f1:76:47:49)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 3856
  Identification: 0xbb3b (47931)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 62
  Protocol: TCP (6)
  Header checksum: 0x21ad [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.4.20.103
  Destination: 10.1.40.148
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51698, Seq: 1, Ack: 223, Len: 3804
Hypertext Transfer Protocol
Line-based text data: text/html
  133 4.551349009 10.1.40.148 10.4.20.103 TCP 66 51698 → 8080 [ACK]
Seq=223 Ack=3805 Win=36864 Len=0 TSval=1205069229 TSecr=2883209179
Frame 133: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:01.154425188 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655341.154425188 seconds
  [Time delta from previous captured frame: 0.000084420 seconds]
  [Time delta from previous displayed frame: 0.000084420 seconds]
  [Time since reference or first frame: 4.551349009 seconds]
  Frame Number: 133
  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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0x687f (26751)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x8145 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.148
  Destination: 10.4.20.103
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51698, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
  134 4.551754643 10.1.40.148 10.4.20.103 TCP 66 51698 → 8080 [FIN, ACK]
Seq=223 Ack=3805 Win=36864 Len=0 TSval=1205069230 TSecr=2883209179
Frame 134: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:01.154830822 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655341.154830822 seconds
  [Time delta from previous captured frame: 0.000405634 seconds]
  [Time delta from previous displayed frame: 0.000405634 seconds]
  [Time since reference or first frame: 4.551754643 seconds]
  Frame Number: 134
  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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0x6880 (26752)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x8144 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.148
  Destination: 10.4.20.103
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51698, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
  135 4.552930259 10.4.20.103 10.1.40.148 TCP 66 8080 → 51698 [FIN, ACK]
Seq=3805 Ack=224 Win=30208 Len=0 TSval=2883209182 TSecr=1205069230
Frame 135: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:01.156006438 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655341.156006438 seconds
  [Time delta from previous captured frame: 0.001175616 seconds]
  [Time delta from previous displayed frame: 0.001175616 seconds]
  [Time since reference or first frame: 4.552930259 seconds]
  Frame Number: 135
  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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xbb3e (47934)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x3086 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51698, Seq: 3805, Ack: 224, Len: 0
136 4.553014882 10.1.40.148 10.4.20.103 TCP 66 51698 → 8080 [ACK]
Seq=224 Ack=3806 Win=36864 Len=0 TSval=1205069231 TSecr=2883209182
Frame 136: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.156091061 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.156091061 seconds
[Time delta from previous captured frame: 0.000084623 seconds]
[Time delta from previous displayed frame: 0.000084623 seconds]
[Time since reference or first frame: 4.553014882 seconds]
Frame Number: 136
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x6881 (26753)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x8143 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51698, Dst Port: 8080, Seq: 224, Ack: 3806, Len: 0
137 4.638137984 10.1.40.111 239.255.255.250 SSDP 214 M-SEARCH * HTTP/1.1
Frame 137: 214 bytes on wire (1712 bits), 214 bytes captured (1712 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.241214163 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.241214163 seconds
[Time delta from previous captured frame: 0.085123102 seconds]
[Time delta from previous displayed frame: 0.085123102 seconds]
```

```
[Time since reference or first frame: 4.638137984 seconds]
Frame Number: 137
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:udp:ssdp]
[Coloring Rule Name: UDP]
[Coloring Rule String: udp]
Ethernet II, Src: Dell_75:51:0f (34:17:eb:75:51:0f), Dst: IPv4mcast_7f:ff:fa (01:00:5e:7f:ff:fa)
Destination: IPv4mcast_7f:ff:fa (01:00:5e:7f:ff:fa)
Source: Dell_75:51:0f (34:17:eb:75:51:0f)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.111, Dst: 239.255.255.250
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 200
Identification: 0xad13 (44307)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 1
Protocol: UDP (17)
Header checksum: 0xa9a7 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.111
Destination: 239.255.255.250
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
User Datagram Protocol, Src Port: 51116, Dst Port: 1900
Source Port: 51116
Destination Port: 1900
Length: 180
Checksum: 0x77cf [unverified]
[Checksum Status: Unverified]
[Stream index: 6]
Simple Service Discovery Protocol
138 4.763057674 10.1.40.26 239.255.255.250 SSDP 214 M-SEARCH * HTTP/1.1
Frame 138: 214 bytes on wire (1712 bits), 214 bytes captured (1712 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.366133853 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.366133853 seconds
[Time delta from previous captured frame: 0.124919690 seconds]
[Time delta from previous displayed frame: 0.124919690 seconds]
[Time since reference or first frame: 4.763057674 seconds]
Frame Number: 138
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:udp:ssdp]
[Coloring Rule Name: UDP]
[Coloring Rule String: udp]
Ethernet II, Src: HewlettP_29:37:db (70:5a:0f:29:37:db), Dst: IPv4mcast_7f:ff:fa (01:00:5e:7f:ff:fa)
Destination: IPv4mcast_7f:ff:fa (01:00:5e:7f:ff:fa)
Source: HewlettP_29:37:db (70:5a:0f:29:37:db)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.26, Dst: 239.255.255.250
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 200
Identification: 0x42ab (17067)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 1
Protocol: UDP (17)
Header checksum: 0x1465 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.26
Destination: 239.255.255.250
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
User Datagram Protocol, Src Port: 39382, Dst Port: 1900
```

```
Source Port: 39382
Destination Port: 1900
Length: 180
Checksum: 0x9af3 [unverified]
[Checksum Status: Unverified]
[Stream index: 5]
Simple Service Discovery Protocol
139 4.847540820 10.1.40.148 10.4.20.103 TCP 66 51492 → 8080 [ACK]
Seq=1 Ack=1 Win=342 Len=0 TSval=1205023382 TSecr=2883163333
Frame 139: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.450616999 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.450616999 seconds
[Time delta from previous captured frame: 0.084483146 seconds]
[Time delta from previous displayed frame: 0.084483146 seconds]
[Time since reference or first frame: 4.847540820 seconds]
Frame Number: 139
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x2595 (9621)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xc42f [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51492, Dst Port: 8080, Seq: 1, Ack: 1, Len: 0
140 4.847730195 10.4.20.103 10.1.40.148 TCP 66 [TCP ACKed unseen
segment] 8080 → 51492 [ACK] Seq=1 Ack=2 Win=132 Len=0 TSval=2883209476 TSecr=1205023342
Frame 140: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.450806374 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.450806374 seconds
[Time delta from previous captured frame: 0.000189375 seconds]
[Time delta from previous displayed frame: 0.000189375 seconds]
[Time since reference or first frame: 4.847730195 seconds]
Frame Number: 140
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_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x8eb3 (36531)
```

```
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x5d11 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51492, Seq: 1, Ack: 2, Len: 0
141 5.001011093 10.1.40.148 10.4.20.103 TCP 74 51700 → 8080 [SYN]
Seq=0 Win=29200 Len=0 MSS=1460 SACK_PERM=1 TSval=1205069679 TSecr=0 WS=128
Frame 141: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.604087272 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.604087272 seconds
[Time delta from previous captured frame: 0.153280898 seconds]
[Time delta from previous displayed frame: 0.153280898 seconds]
[Time since reference or first frame: 5.001011093 seconds]
Frame Number: 141
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 60
Identification: 0xcd0b (52491)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x1cb1 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51700, Dst Port: 8080, Seq: 0, Len: 0
142 5.001288830 10.4.20.103 10.1.40.148 TCP 74 8080 → 51700 [SYN, ACK]
Seq=0 Ack=1 Win=28960 Len=0 MSS=1460 SACK_PERM=1 TSval=2883209630 TSecr=1205069679 WS=256
Frame 142: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.604365009 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.604365009 seconds
[Time delta from previous captured frame: 0.000277737 seconds]
[Time delta from previous displayed frame: 0.000277737 seconds]
[Time since reference or first frame: 5.001288830 seconds]
Frame Number: 142
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
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: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0xebbc [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51700, Seq: 0, Ack: 1, Len: 0
143 5.001391568 10.1.40.148 10.4.20.103 TCP 66 51700 → 8080 [ACK]
Seq=1 Ack=1 Win=29312 Len=0 TSval=1205069679 TSecr=2883209630
Frame 143: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.604467747 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.604467747 seconds
[Time delta from previous captured frame: 0.000102738 seconds]
[Time delta from previous displayed frame: 0.000102738 seconds]
[Time since reference or first frame: 5.001391568 seconds]
Frame Number: 143
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xcd0c (52492)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x1cb8 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51700, Dst Port: 8080, Seq: 1, Ack: 1, Len: 0
144 5.001643985 10.1.40.148 10.4.20.103 HTTP 288 CONNECT
j0v4gm.vkcache.com:443 HTTP/1.1
Frame 144: 288 bytes on wire (2304 bits), 288 bytes captured (2304 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.604720164 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.604720164 seconds
[Time delta from previous captured frame: 0.000252417 seconds]
[Time delta from previous displayed frame: 0.000252417 seconds]
[Time since reference or first frame: 5.001643985 seconds]
Frame Number: 144
Frame Length: 288 bytes (2304 bits)
Capture Length: 288 bytes (2304 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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
```

```
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 274
Identification: 0xcd0d (52493)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x1bd9 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51700, Dst Port: 8080, Seq: 1, Ack: 1, Len: 222
Hypertext Transfer Protocol
145 5.001814351 10.4.20.103 10.1.40.148 TCP 66 8080 → 51700 [ACK]
Seq=1 Ack=223 Win=30208 Len=0 TSval=2883209630 TSecr=1205069679
Frame 145: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.604890530 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.604890530 seconds
[Time delta from previous captured frame: 0.000170366 seconds]
[Time delta from previous displayed frame: 0.000170366 seconds]
[Time since reference or first frame: 5.001814351 seconds]
Frame Number: 145
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x5b0c (23308)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x90b8 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51700, Seq: 1, Ack: 223, Len: 0
146 5.063677199 10.1.40.131 255.255.255.255 UDP 70 48582 → 2008 Len=28
Frame 146: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.666753378 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.666753378 seconds
[Time delta from previous captured frame: 0.061862848 seconds]
[Time delta from previous displayed frame: 0.061862848 seconds]
[Time since reference or first frame: 5.063677199 seconds]
Frame Number: 146
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: Tp-LinkT_17:e9:42 (7c:8b:ca:17:e9:42), Dst: Broadcast (ff:ff:ff:ff:ff:ff)
  Destination: Broadcast (ff:ff:ff:ff:ff:ff)
  Source: Tp-LinkT_17:e9:42 (7c:8b:ca:17:e9:42)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.131, Dst: 255.255.255.255
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 56
  Identification: 0xe1b1 (57777)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: UDP (17)
  Header checksum: 0x2680 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.131
  Destination: 255.255.255.255
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
User Datagram Protocol, Src Port: 48582, Dst Port: 2008
  Source Port: 48582
  Destination Port: 2008
  Length: 36
  Checksum: 0x920d [unverified]
  [Checksum Status: Unverified]
  [Stream index: 0]
Data (28 bytes)
0000  42 43 20 32 33 6c 61 66 65 72 72 61 72 69 2d 4c    BC 23laferrari-L
0010  65 6e 6f 76 6f 2d 5a 35 31 2d 37 30                enovo-Z51-70
  Data: 42432032336c61666572726172692d4c656e6f766f2d5a35...
  [Length: 28]
  147 5.066834521    10.4.20.103    10.1.40.148    TCP    1514    8080 → 51700 [ACK]
Seq=1 Ack=223 Win=30208 Len=1448 TSval=2883209695 TSecr=1205069679 [TCP segment of a reassembled PDU]
Frame 147: 1514 bytes on wire (12112 bits), 1514 bytes captured (12112 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:01.669910700 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655341.669910700 seconds
  [Time delta from previous captured frame: 0.003157322 seconds]
  [Time delta from previous displayed frame: 0.003157322 seconds]
  [Time since reference or first frame: 5.066834521 seconds]
  Frame Number: 147
  Frame Length: 1514 bytes (12112 bits)
  Capture Length: 1514 bytes (12112 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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
  Destination: Dell_07:83:77 (18:db:f2:07:83:77)
  Source: Cisco_76:47:49 (64:00:f1:76:47:49)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 1500
  Identification: 0x5b0d (23309)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 62
  Protocol: TCP (6)
  Header checksum: 0x8b0f [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.4.20.103
  Destination: 10.1.40.148
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51700, Seq: 1, Ack: 223, Len: 1448
  148 5.066913432    10.1.40.148    10.4.20.103    TCP    66    51700 → 8080 [ACK]
Seq=223 Ack=1449 Win=32128 Len=0 TSval=1205069745 TSecr=2883209695
```

Frame 148: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.669989611 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.669989611 seconds
[Time delta from previous captured frame: 0.000078911 seconds]
[Time delta from previous displayed frame: 0.000078911 seconds]
[Time since reference or first frame: 5.066913432 seconds]
Frame Number: 148
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xcd0e (52494)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x1cb6 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51700, Dst Port: 8080, Seq: 223, Ack: 1449, Len: 0
149 5.066972473 10.4.20.103 10.1.40.148 HTTP 2422 HTTP/1.1 503 Service
Unavailable (text/html)
Frame 149: 2422 bytes on wire (19376 bits), 2422 bytes captured (19376 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.670048652 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.670048652 seconds
[Time delta from previous captured frame: 0.000059041 seconds]
[Time delta from previous displayed frame: 0.000059041 seconds]
[Time since reference or first frame: 5.066972473 seconds]
Frame Number: 149
Frame Length: 2422 bytes (19376 bits)
Capture Length: 2422 bytes (19376 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:http:data-text-lines]
[Coloring Rule Name: HTTP]
[Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 2408
Identification: 0x5b0e (23310)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x8782 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]


```
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51700, Seq: 1449, Ack: 223, Len: 2356
[2 Reassembled TCP Segments (3804 bytes): #147(1448), #149(2356)]
Hypertext Transfer Protocol
Line-based text data: text/html
150 5.066988960 10.1.40.148 10.4.20.103 TCP 66 51700 → 8080 [ACK]
Seq=223 Ack=3805 Win=36864 Len=0 TSval=1205069745 TSecr=2883209695
Frame 150: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.670065139 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.670065139 seconds
[Time delta from previous captured frame: 0.000016487 seconds]
[Time delta from previous displayed frame: 0.000016487 seconds]
[Time since reference or first frame: 5.066988960 seconds]
Frame Number: 150
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xcd0f (52495)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x1cb5 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51700, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
151 5.067228841 10.1.40.148 10.4.20.103 TCP 66 51700 → 8080 [FIN, ACK]
Seq=223 Ack=3805 Win=36864 Len=0 TSval=1205069745 TSecr=2883209695
Frame 151: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.670305020 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.670305020 seconds
[Time delta from previous captured frame: 0.000239881 seconds]
[Time delta from previous displayed frame: 0.000239881 seconds]
[Time since reference or first frame: 5.067228841 seconds]
Frame Number: 151
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xcd10 (52496)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
```

```
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x1cb4 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51700, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
152 5.067528101 10.4.20.103 10.1.40.148 TCP 66 8080 → 51700 [FIN, ACK]
Seq=3805 Ack=223 Win=30208 Len=0 TSval=2883209696 TSecr=1205069745
Frame 152: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.670604280 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.670604280 seconds
[Time delta from previous captured frame: 0.000299260 seconds]
[Time delta from previous displayed frame: 0.000299260 seconds]
[Time since reference or first frame: 5.067528101 seconds]
Frame Number: 152
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x5b10 (23312)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x90b4 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51700, Seq: 3805, Ack: 223, Len: 0
153 5.067567401 10.1.40.148 10.4.20.103 TCP 66 51700 → 8080 [ACK]
Seq=224 Ack=3806 Win=36864 Len=0 TSval=1205069745 TSecr=2883209696
Frame 153: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.670643580 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.670643580 seconds
[Time delta from previous captured frame: 0.000039300 seconds]
[Time delta from previous displayed frame: 0.000039300 seconds]
[Time since reference or first frame: 5.067567401 seconds]
Frame Number: 153
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
```

```
Total Length: 52
Identification: 0xcd11 (52497)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x1cb3 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51700, Dst Port: 8080, Seq: 224, Ack: 3806, Len: 0
154 5.067689060 10.4.20.103 10.1.40.148 TCP 66 8080 → 51700 [ACK]
Seq=3806 Ack=224 Win=30208 Len=0 TSval=2883209696 TSecr=1205069745
Frame 154: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.670765239 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.670765239 seconds
[Time delta from previous captured frame: 0.000121659 seconds]
[Time delta from previous displayed frame: 0.000121659 seconds]
[Time since reference or first frame: 5.067689060 seconds]
Frame Number: 154
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x5b11 (23313)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x90b3 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51700, Seq: 3806, Ack: 224, Len: 0
155 5.110746538 Cisco_c2:fa:04 Spanning-tree-(for-bridges)_00 STP 60 Conf. Root =
32768/507/00:1d:45:55:2c:00 Cost = 16 Port = 0x8004
Frame 155: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.713822717 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.713822717 seconds
[Time delta from previous captured frame: 0.043057478 seconds]
[Time delta from previous displayed frame: 0.043057478 seconds]
[Time since reference or first frame: 5.110746538 seconds]
Frame Number: 155
Frame Length: 60 bytes (480 bits)
Capture Length: 60 bytes (480 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:llc:stp]
[Coloring Rule Name: Broadcast]
[Coloring Rule String: eth[0] & 1]
IEEE 802.3 Ethernet
Logical-Link Control
Spanning Tree Protocol
```

156 5.127557041 10.4.20.204 10.1.40.36 DNS 138 Standard query response
0x5287 A ntp.ubuntu.com A 91.189.91.157 A 91.189.94.4 A 91.189.89.199 A 91.189.89.198
Frame 156: 138 bytes on wire (1104 bits), 138 bytes captured (1104 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.730633220 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.730633220 seconds
[Time delta from previous captured frame: 0.016810503 seconds]
[Time delta from previous displayed frame: 0.016810503 seconds]
[Time since reference or first frame: 5.127557041 seconds]
Frame Number: 156
Frame Length: 138 bytes (1104 bits)
Capture Length: 138 bytes (1104 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_76:47:49 (64:00:f1:76:47:49), Dst: Dell_46:4b:18 (d4:be:d9:46:4b:18)
Destination: Dell_46:4b:18 (d4:be:d9:46:4b:18)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.204, Dst: 10.1.40.36
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 124
Identification: 0xff95 (65429)
Flags: 0x00
Fragment offset: 0
Time to live: 62
Protocol: UDP (17)
Header checksum: 0x2be7 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.204
Destination: 10.1.40.36
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
User Datagram Protocol, Src Port: 53, Dst Port: 37936
Source Port: 53
Destination Port: 37936
Length: 104
Checksum: 0xcc8 [unverified]
[Checksum Status: Unverified]
[Stream index: 7]
Domain Name System (response)
157 5.277098236 10.4.20.103 10.1.40.148 TCP 129 8080 → 50684 [PSH, ACK]
Seq=1 Ack=1 Win=132 Len=63 TSval=2883209905 TSecr=1204829947
Frame 157: 129 bytes on wire (1032 bits), 129 bytes captured (1032 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.880174415 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.880174415 seconds
[Time delta from previous captured frame: 0.149541195 seconds]
[Time delta from previous displayed frame: 0.149541195 seconds]
[Time since reference or first frame: 5.277098236 seconds]
Frame Number: 157
Frame Length: 129 bytes (1032 bits)
Capture Length: 129 bytes (1032 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:http]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 115
Identification: 0xaf58 (44888)

```
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x3c2d [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 50684, Seq: 1, Ack: 1, Len: 63
158 5.277133815 10.4.20.103 10.1.40.148 TCP 66 8080 → 50684 [FIN, ACK]
Seq=64 Ack=1 Win=132 Len=0 TSval=2883209906 TSecr=1204829947
Frame 158: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.880209994 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.880209994 seconds
[Time delta from previous captured frame: 0.000035579 seconds]
[Time delta from previous displayed frame: 0.000035579 seconds]
[Time since reference or first frame: 5.277133815 seconds]
Frame Number: 158
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xaf59 (44889)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x3c6b [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 50684, Seq: 64, Ack: 1, Len: 0
159 5.277296471 10.1.40.148 10.4.20.103 TCP 66 50684 → 8080 [FIN, ACK]
Seq=1 Ack=65 Win=255 Len=0 TSval=1205069955 TSecr=2883209905
Frame 159: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.880372650 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.880372650 seconds
[Time delta from previous captured frame: 0.000162656 seconds]
[Time delta from previous displayed frame: 0.000162656 seconds]
[Time since reference or first frame: 5.277296471 seconds]
Frame Number: 159
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
```

```
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x1c03 (7171)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xcdc1 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 50684, Dst Port: 8080, Seq: 1, Ack: 65, Len: 0
160 5.277428579 10.4.20.103 10.1.40.148 TCP 66 8080 → 50684 [ACK]
Seq=65 Ack=2 Win=132 Len=0 TSval=2883209906 TSecr=1205069955
Frame 160: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:01.880504758 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655341.880504758 seconds
[Time delta from previous captured frame: 0.000132108 seconds]
[Time delta from previous displayed frame: 0.000132108 seconds]
[Time since reference or first frame: 5.277428579 seconds]
Frame Number: 160
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xaf5a (44890)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x3c6a [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 50684, Seq: 65, Ack: 2, Len: 0
161 5.497549661 10.1.40.148 10.4.20.103 TCP 74 51702 → 8080 [SYN]
Seq=0 Win=29200 Len=0 MSS=1460 SACK_PERM=1 TSval=1205070175 TSecr=0 WS=128
Frame 161: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:02.100625840 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655342.100625840 seconds
[Time delta from previous captured frame: 0.220121082 seconds]
[Time delta from previous displayed frame: 0.220121082 seconds]
[Time since reference or first frame: 5.497549661 seconds]
Frame Number: 161
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.fin == 1]
Ethernet II, Src: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
```

```
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 60
Identification: 0xc088 (49288)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x2934 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51702, Dst Port: 8080, Seq: 0, Len: 0
162 5.499350948 10.4.20.103 10.1.40.148 TCP 74 8080 → 51702 [SYN, ACK]
Seq=0 Ack=1 Win=28960 Len=0 MSS=1460 SACK_PERM=1 TSval=2883210126 TSecr=1205070175 WS=256
Frame 162: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:02.102427127 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655342.102427127 seconds
[Time delta from previous captured frame: 0.001801287 seconds]
[Time delta from previous displayed frame: 0.001801287 seconds]
[Time since reference or first frame: 5.499350948 seconds]
Frame Number: 162
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
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: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0xebbc [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51702, Seq: 0, Ack: 1, Len: 0
163 5.499498255 10.1.40.148 10.4.20.103 TCP 66 51702 → 8080 [ACK]
Seq=1 Ack=1 Win=29312 Len=0 TSval=1205070177 TSecr=2883210126
Frame 163: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:02.102574434 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655342.102574434 seconds
[Time delta from previous captured frame: 0.000147307 seconds]
[Time delta from previous displayed frame: 0.000147307 seconds]
[Time since reference or first frame: 5.499498255 seconds]
Frame Number: 163
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0xc089 (49289)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x293b [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.148
  Destination: 10.4.20.103
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51702, Dst Port: 8080, Seq: 1, Ack: 1, Len: 0
  164 5.499868037 10.1.40.148 10.4.20.103 HTTP 288 CONNECT
jn7hgl.vkcache.com:443 HTTP/1.1
Frame 164: 288 bytes on wire (2304 bits), 288 bytes captured (2304 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:02.102944216 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655342.102944216 seconds
  [Time delta from previous captured frame: 0.000369782 seconds]
  [Time delta from previous displayed frame: 0.000369782 seconds]
  [Time since reference or first frame: 5.499868037 seconds]
  Frame Number: 164
  Frame Length: 288 bytes (2304 bits)
  Capture Length: 288 bytes (2304 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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 274
  Identification: 0xc08a (49290)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x285c [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.148
  Destination: 10.4.20.103
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51702, Dst Port: 8080, Seq: 1, Ack: 1, Len: 222
Hypertext Transfer Protocol
  165 5.501357848 10.4.20.103 10.1.40.148 TCP 66 8080 → 51702 [ACK]
Seq=1 Ack=223 Win=30208 Len=0 TSval=2883210129 TSecr=1205070178
Frame 165: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:02.104434027 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655342.104434027 seconds
  [Time delta from previous captured frame: 0.001489811 seconds]
  [Time delta from previous displayed frame: 0.001489811 seconds]
  [Time since reference or first frame: 5.501357848 seconds]
  Frame Number: 165
```



```
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x9842 (38978)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x5382 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51702, Seq: 1, Ack: 223, Len: 0
166 5.550386331 10.4.20.103 10.1.40.148 TCP 2962 8080 → 51702 [ACK]
Seq=1 Ack=223 Win=30208 Len=2896 TSval=2883210179 TSecr=1205070178 [TCP segment of a reassembled PDU]
Frame 166: 2962 bytes on wire (23696 bits), 2962 bytes captured (23696 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:02.153462510 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655342.153462510 seconds
[Time delta from previous captured frame: 0.049028483 seconds]
[Time delta from previous displayed frame: 0.049028483 seconds]
[Time since reference or first frame: 5.550386331 seconds]
Frame Number: 166
Frame Length: 2962 bytes (23696 bits)
Capture Length: 2962 bytes (23696 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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 2948
Identification: 0x9843 (38979)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x4831 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51702, Seq: 1, Ack: 223, Len: 2896
167 5.550492206 10.1.40.148 10.4.20.103 TCP 66 51702 → 8080 [ACK]
Seq=223 Ack=2897 Win=35072 Len=0 TSval=1205070228 TSecr=2883210179
Frame 167: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:02.153568385 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655342.153568385 seconds
```

```
[Time delta from previous captured frame: 0.000105875 seconds]
[Time delta from previous displayed frame: 0.000105875 seconds]
[Time since reference or first frame: 5.550492206 seconds]
Frame Number: 167
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xc08b (49291)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x2939 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51702, Dst Port: 8080, Seq: 223, Ack: 2897, Len: 0
168 5.550588327 10.4.20.103 10.1.40.148 HTTP 974 HTTP/1.1 503 Service
Unavailable (text/html)
Frame 168: 974 bytes on wire (7792 bits), 974 bytes captured (7792 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:02.153664506 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655342.153664506 seconds
[Time delta from previous captured frame: 0.000096121 seconds]
[Time delta from previous displayed frame: 0.000096121 seconds]
[Time since reference or first frame: 5.550588327 seconds]
Frame Number: 168
Frame Length: 974 bytes (7792 bits)
Capture Length: 974 bytes (7792 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:http:data-text-lines]
[Coloring Rule Name: HTTP]
[Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 960
Identification: 0x9845 (38981)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x4ff3 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51702, Seq: 2897, Ack: 223, Len: 908
[2 Reassembled TCP Segments (3804 bytes): #166(2896), #168(908)]
Hypertext Transfer Protocol
Line-based text data: text/html
```

```
169 5.550626840 10.1.40.148 10.4.20.103 TCP 66 51702 → 8080 [ACK]
Seq=223 Ack=3805 Win=37888 Len=0 TSval=1205070228 TSecr=2883210179
Frame 169: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:02.153703019 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655342.153703019 seconds
[Time delta from previous captured frame: 0.000038513 seconds]
[Time delta from previous displayed frame: 0.000038513 seconds]
[Time since reference or first frame: 5.550626840 seconds]
Frame Number: 169
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xc08c (49292)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x2938 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51702, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
170 5.551398206 10.4.20.103 10.1.40.148 TCP 66 8080 → 51702 [FIN, ACK]
Seq=3805 Ack=223 Win=30208 Len=0 TSval=2883210180 TSecr=1205070228
Frame 170: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:02.154474385 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655342.154474385 seconds
[Time delta from previous captured frame: 0.000771366 seconds]
[Time delta from previous displayed frame: 0.000771366 seconds]
[Time since reference or first frame: 5.551398206 seconds]
Frame Number: 170
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x9846 (38982)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x537e [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
```

```
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51702, Seq: 3805, Ack: 223, Len: 0
171 5.551605497 10.1.40.148 10.4.20.103 TCP 66 51702 → 8080 [FIN, ACK]
Seq=223 Ack=3806 Win=37888 Len=0 TSval=1205070229 TSecr=2883210180
Frame 171: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:02.154681676 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655342.154681676 seconds
[Time delta from previous captured frame: 0.000207291 seconds]
[Time delta from previous displayed frame: 0.000207291 seconds]
[Time since reference or first frame: 5.551605497 seconds]
Frame Number: 171
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xc08d (49293)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x2937 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51702, Dst Port: 8080, Seq: 223, Ack: 3806, Len: 0
172 5.553023991 10.4.20.103 10.1.40.148 TCP 66 8080 → 51702 [ACK]
Seq=3806 Ack=224 Win=30208 Len=0 TSval=2883210180 TSecr=1205070229
Frame 172: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:02.156100170 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655342.156100170 seconds
[Time delta from previous captured frame: 0.001418494 seconds]
[Time delta from previous displayed frame: 0.001418494 seconds]
[Time since reference or first frame: 5.553023991 seconds]
Frame Number: 172
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x9847 (38983)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
```

```
Protocol: TCP (6)
Header checksum: 0x537d [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51702, Seq: 3806, Ack: 224, Len: 0
173 5.638973667 10.1.40.111 239.255.255.250 SSDP 214 M-SEARCH * HTTP/1.1
Frame 173: 214 bytes on wire (1712 bits), 214 bytes captured (1712 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:02.242049846 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655342.242049846 seconds
[Time delta from previous captured frame: 0.085949676 seconds]
[Time delta from previous displayed frame: 0.085949676 seconds]
[Time since reference or first frame: 5.638973667 seconds]
Frame Number: 173
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:udp:ssdp]
[Coloring Rule Name: UDP]
[Coloring Rule String: udp]
Ethernet II, Src: Dell_75:51:0f (34:17:eb:75:51:0f), Dst: IPv4mcast_7f:ff:fa (01:00:5e:7f:ff:fa)
Destination: IPv4mcast_7f:ff:fa (01:00:5e:7f:ff:fa)
Source: Dell_75:51:0f (34:17:eb:75:51:0f)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.111, Dst: 239.255.255.250
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 200
Identification: 0xad9d (44445)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 1
Protocol: UDP (17)
Header checksum: 0xa91d [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.111
Destination: 239.255.255.250
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
User Datagram Protocol, Src Port: 51116, Dst Port: 1900
Source Port: 51116
Destination Port: 1900
Length: 180
Checksum: 0x77cf [unverified]
[Checksum Status: Unverified]
[Stream index: 6]
Simple Service Discovery Protocol
174 5.764172214 10.1.40.26 239.255.255.250 SSDP 214 M-SEARCH * HTTP/1.1
Frame 174: 214 bytes on wire (1712 bits), 214 bytes captured (1712 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:02.367248393 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655342.367248393 seconds
[Time delta from previous captured frame: 0.125198547 seconds]
[Time delta from previous displayed frame: 0.125198547 seconds]
[Time since reference or first frame: 5.764172214 seconds]
Frame Number: 174
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:udp:ssdp]
[Coloring Rule Name: UDP]
[Coloring Rule String: udp]
Ethernet II, Src: HewlettP_29:37:db (70:5a:0f:29:37:db), Dst: IPv4mcast_7f:ff:fa (01:00:5e:7f:ff:fa)
Destination: IPv4mcast_7f:ff:fa (01:00:5e:7f:ff:fa)
Source: HewlettP_29:37:db (70:5a:0f:29:37:db)
Type: IPv4 (0x0800)
```

Internet Protocol Version 4, Src: 10.1.40.26, Dst: 239.255.255.250

0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 200
Identification: 0x4383 (17283)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 1
Protocol: UDP (17)
Header checksum: 0x138d [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.26
Destination: 239.255.255.250
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]

User Datagram Protocol, Src Port: 39382, Dst Port: 1900

Source Port: 39382
Destination Port: 1900
Length: 180
Checksum: 0x9af3 [unverified]
[Checksum Status: Unverified]
[Stream index: 5]

Simple Service Discovery Protocol

175 5.994961058 10.4.20.103 10.1.40.64 TCP 129 8080 → 55820 [FIN, PSH, ACK] Seq=1 Ack=1 Win=218 Len=63 TSval=2883210624 TSecr=884840563

Frame 175: 129 bytes on wire (1032 bits), 129 bytes captured (1032 bits) on interface 0

Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:02.598037237 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655342.598037237 seconds
[Time delta from previous captured frame: 0.230788844 seconds]
[Time delta from previous displayed frame: 0.230788844 seconds]
[Time since reference or first frame: 5.994961058 seconds]
Frame Number: 175
Frame Length: 129 bytes (1032 bits)
Capture Length: 129 bytes (1032 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:http]
[Coloring Rule Name: TCP SYN/FIN]
[Coloring Rule String: tcp.flags & 0x02 || tcp.flags.fin == 1]

Ethernet II, Src: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_f9:d5:b0 (44:a8:42:f9:d5:b0)

Destination: Dell_f9:d5:b0 (44:a8:42:f9:d5:b0)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)

Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.64

0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 115
Identification: 0x3345 (13125)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0xb894 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.64
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]

Transmission Control Protocol, Src Port: 8080, Dst Port: 55820, Seq: 1, Ack: 1, Len: 63

176 6.001262856 10.1.40.148 10.4.20.222 DNS 76 Standard query 0xe447 A proxy.iiit.ac.in

Frame 176: 76 bytes on wire (608 bits), 76 bytes captured (608 bits) on interface 0

Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:02.604339035 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655342.604339035 seconds
[Time delta from previous captured frame: 0.006301798 seconds]
[Time delta from previous displayed frame: 0.006301798 seconds]
[Time since reference or first frame: 6.001262856 seconds]
Frame Number: 176

```
Frame Length: 76 bytes (608 bits)
Capture Length: 76 bytes (608 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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.222
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 62
Identification: 0xffe0 (65504)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: UDP (17)
Header checksum: 0xe957 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.222
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
User Datagram Protocol, Src Port: 54768, Dst Port: 53
Source Port: 54768
Destination Port: 53
Length: 42
Checksum: 0x4eb8 [unverified]
[Checksum Status: Unverified]
[Stream index: 2]
Domain Name System (query)
177 6.001663532 10.4.20.222 10.1.40.148 DNS 160 Standard query response
0xe447 A proxy.iiit.ac.in A 10.4.20.103 NS ns3.iiit.ac.in NS ns4.iiit.ac.in A 10.4.20.222 A 10.4.20.204
Frame 177: 160 bytes on wire (1280 bits), 160 bytes captured (1280 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:02.604739711 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655342.604739711 seconds
[Time delta from previous captured frame: 0.000400676 seconds]
[Time delta from previous displayed frame: 0.000400676 seconds]
[Time since reference or first frame: 6.001663532 seconds]
Frame Number: 177
Frame Length: 160 bytes (1280 bits)
Capture Length: 160 bytes (1280 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_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.222, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 146
Identification: 0x8432 (33842)
Flags: 0x00
Fragment offset: 0
Time to live: 62
Protocol: UDP (17)
Header checksum: 0xa6b2 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.222
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
User Datagram Protocol, Src Port: 53, Dst Port: 54768
Source Port: 53
```

```
Destination Port: 54768
Length: 126
Checksum: 0xa797 [unverified]
[Checksum Status: Unverified]
[Stream index: 2]
Domain Name System (response)
  178 6.002301846 10.1.40.148 10.4.20.103 TCP 74 51704 → 8080 [SYN]
Seq=0 Win=29200 Len=0 MSS=1460 SACK_PERM=1 TSval=1205070680 TSecr=0 WS=128
Frame 178: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:02.605378025 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655342.605378025 seconds
  [Time delta from previous captured frame: 0.000638314 seconds]
  [Time delta from previous displayed frame: 0.000638314 seconds]
  [Time since reference or first frame: 6.002301846 seconds]
  Frame Number: 178
  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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 60
  Identification: 0xc6dd (50909)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x22df [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.148
  Destination: 10.4.20.103
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51704, Dst Port: 8080, Seq: 0, Len: 0
  179 6.002576513 10.4.20.103 10.1.40.148 TCP 74 8080 → 51704 [SYN, ACK]
Seq=0 Ack=1 Win=28960 Len=0 MSS=1460 SACK_PERM=1 TSval=2883210631 TSecr=1205070680 WS=256
Frame 179: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:02.605652692 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655342.605652692 seconds
  [Time delta from previous captured frame: 0.000274667 seconds]
  [Time delta from previous displayed frame: 0.000274667 seconds]
  [Time since reference or first frame: 6.002576513 seconds]
  Frame Number: 179
  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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
  Destination: Dell_07:83:77 (18:db:f2:07:83:77)
  Source: Cisco_76:47:49 (64:00:f1:76:47:49)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
  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: 0x02 (Don't Fragment)
```



```
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0xebbc [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51704, Seq: 0, Ack: 1, Len: 0
180 6.002664355 10.1.40.148 10.4.20.103 TCP 66 51704 → 8080 [ACK]
Seq=1 Ack=1 Win=29312 Len=0 TSval=1205070680 TSecr=2883210631
Frame 180: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:02.605740534 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655342.605740534 seconds
[Time delta from previous captured frame: 0.000087842 seconds]
[Time delta from previous displayed frame: 0.000087842 seconds]
[Time since reference or first frame: 6.002664355 seconds]
Frame Number: 180
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xc6de (50910)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x22e6 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51704, Dst Port: 8080, Seq: 1, Ack: 1, Len: 0
181 6.002969635 10.1.40.148 10.4.20.103 HTTP 288 CONNECT
yozugo.vkcache.com:443 HTTP/1.1
Frame 181: 288 bytes on wire (2304 bits), 288 bytes captured (2304 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:02.606045814 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655342.606045814 seconds
[Time delta from previous captured frame: 0.000305280 seconds]
[Time delta from previous displayed frame: 0.000305280 seconds]
[Time since reference or first frame: 6.002969635 seconds]
Frame Number: 181
Frame Length: 288 bytes (2304 bits)
Capture Length: 288 bytes (2304 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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
```

```
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 274
Identification: 0xc6df (50911)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x2207 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51704, Dst Port: 8080, Seq: 1, Ack: 1, Len: 222
Hypertext Transfer Protocol
  182 6.003221060    10.4.20.103          10.1.40.148          TCP          66      8080 → 51704 [ACK]
Seq=1 Ack=223 Win=30208 Len=0 TSval=2883210632 TSecr=1205070681
Frame 182: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:02.606297239 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655342.606297239 seconds
  [Time delta from previous captured frame: 0.000251425 seconds]
  [Time delta from previous displayed frame: 0.000251425 seconds]
  [Time since reference or first frame: 6.003221060 seconds]
  Frame Number: 182
  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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
  Destination: Dell_07:83:77 (18:db:f2:07:83:77)
  Source: Cisco_76:47:49 (64:00:f1:76:47:49)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0xc2fd (49917)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 62
  Protocol: TCP (6)
  Header checksum: 0x28c7 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.4.20.103
  Destination: 10.1.40.148
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51704, Seq: 1, Ack: 223, Len: 0
  183 6.063905210    10.1.40.131          255.255.255.255      UDP          70      48582 → 2008 Len=28
Frame 183: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:02.666981389 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655342.666981389 seconds
  [Time delta from previous captured frame: 0.060684150 seconds]
  [Time delta from previous displayed frame: 0.060684150 seconds]
  [Time since reference or first frame: 6.063905210 seconds]
  Frame Number: 183
  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: Tp-LinkT_17:e9:42 (7c:8b:ca:17:e9:42), Dst: Broadcast (ff:ff:ff:ff:ff:ff)
  Destination: Broadcast (ff:ff:ff:ff:ff:ff)
  Source: Tp-LinkT_17:e9:42 (7c:8b:ca:17:e9:42)
```

```
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.131, Dst: 255.255.255.255
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 56
Identification: 0xe1b5 (57781)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: UDP (17)
Header checksum: 0x267c [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.131
Destination: 255.255.255.255
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
User Datagram Protocol, Src Port: 48582, Dst Port: 2008
Source Port: 48582
Destination Port: 2008
Length: 36
Checksum: 0x920d [unverified]
[Checksum Status: Unverified]
[Stream index: 0]
Data (28 bytes)
0000 42 43 20 32 33 6c 61 66 65 72 72 61 72 69 2d 4c   BC 23laFerrari-L
0010 65 6e 6f 76 6f 2d 5a 35 31 2d 37 30             enovo-Z51-70
Data: 42432032336c61666572726172692d4c656e6f766f2d5a35...
[Length: 28]
184 6.152446052    10.4.20.103    10.1.40.148    TCP    2962    8080 → 51704 [ACK]
Seq=1 Ack=223 Win=30208 Len=2896 TSval=2883210781 TSecr=1205070681 [TCP segment of a reassembled PDU]
Frame 184: 2962 bytes on wire (23696 bits), 2962 bytes captured (23696 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:02.755522231 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655342.755522231 seconds
[Time delta from previous captured frame: 0.088540842 seconds]
[Time delta from previous displayed frame: 0.088540842 seconds]
[Time since reference or first frame: 6.152446052 seconds]
Frame Number: 184
Frame Length: 2962 bytes (23696 bits)
Capture Length: 2962 bytes (23696 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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 2948
Identification: 0xc2fe (49918)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x1d76 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51704, Seq: 1, Ack: 223, Len: 2896
185 6.152529496    10.1.40.148    10.4.20.103    TCP    66    51704 → 8080 [ACK]
Seq=223 Ack=2897 Win=35072 Len=0 TSval=1205070830 TSecr=2883210781
Frame 185: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:02.755605675 IST
[Time shift for this packet: 0.000000000 seconds]
```

```
Epoch Time: 1519655342.755605675 seconds
[Time delta from previous captured frame: 0.000083444 seconds]
[Time delta from previous displayed frame: 0.000083444 seconds]
[Time since reference or first frame: 6.152529496 seconds]
Frame Number: 185
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xc6e0 (50912)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x22e4 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51704, Dst Port: 8080, Seq: 223, Ack: 2897, Len: 0
186 6.152587177 10.4.20.103 10.1.40.148 HTTP 974 HTTP/1.1 503 Service
Unavailable (text/html)
Frame 186: 974 bytes on wire (7792 bits), 974 bytes captured (7792 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:02.755663356 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655342.755663356 seconds
[Time delta from previous captured frame: 0.000057681 seconds]
[Time delta from previous displayed frame: 0.000057681 seconds]
[Time since reference or first frame: 6.152587177 seconds]
Frame Number: 186
Frame Length: 974 bytes (7792 bits)
Capture Length: 974 bytes (7792 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:http:data-text-lines]
[Coloring Rule Name: HTTP]
[Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 960
Identification: 0xc300 (49920)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x2538 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51704, Seq: 2897, Ack: 223, Len: 908
[2 Reassembled TCP Segments (3804 bytes): #184(2896), #186(908)]
Hypertext Transfer Protocol
Line-based text data: text/html
```

```
187 6.152610183 10.1.40.148 10.4.20.103 TCP 66 51704 → 8080 [ACK]
Seq=223 Ack=3805 Win=37888 Len=0 TSval=1205070830 TSecr=2883210781
Frame 187: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:02.755686362 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655342.755686362 seconds
[Time delta from previous captured frame: 0.000023006 seconds]
[Time delta from previous displayed frame: 0.000023006 seconds]
[Time since reference or first frame: 6.152610183 seconds]
Frame Number: 187
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xc6e1 (50913)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x22e3 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51704, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
188 6.152919776 10.1.40.148 10.4.20.103 TCP 66 51704 → 8080 [FIN, ACK]
Seq=223 Ack=3805 Win=37888 Len=0 TSval=1205070831 TSecr=2883210781
Frame 188: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:02.755995955 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655342.755995955 seconds
[Time delta from previous captured frame: 0.000309593 seconds]
[Time delta from previous displayed frame: 0.000309593 seconds]
[Time since reference or first frame: 6.152919776 seconds]
Frame Number: 188
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xc6e2 (50914)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x22e2 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
```

```
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51704, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
189 6.156051832 10.4.20.103 10.1.40.148 TCP 66 8080 → 51704 [FIN, ACK]
Seq=3805 Ack=224 Win=30208 Len=0 TSval=2883210785 TSecr=1205070831
Frame 189: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:02.759128011 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655342.759128011 seconds
[Time delta from previous captured frame: 0.003132056 seconds]
[Time delta from previous displayed frame: 0.003132056 seconds]
[Time since reference or first frame: 6.156051832 seconds]
Frame Number: 189
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xc301 (49921)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x28c3 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51704, Seq: 3805, Ack: 224, Len: 0
190 6.156155161 10.1.40.148 10.4.20.103 TCP 66 51704 → 8080 [ACK]
Seq=224 Ack=3806 Win=37888 Len=0 TSval=1205070834 TSecr=2883210785
Frame 190: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:02.759231340 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655342.759231340 seconds
[Time delta from previous captured frame: 0.000103329 seconds]
[Time delta from previous displayed frame: 0.000103329 seconds]
[Time since reference or first frame: 6.156155161 seconds]
Frame Number: 190
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xc6e3 (50915)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
```

```
Protocol: TCP (6)
Header checksum: 0x22e1 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51704, Dst Port: 8080, Seq: 224, Ack: 3806, Len: 0
191 6.500358470 10.1.40.148 10.4.20.103 TCP 74 51706 → 8080 [SYN]
Seq=0 Win=29200 Len=0 MSS=1460 SACK_PERM=1 TSval=1205071178 TSecr=0 WS=128
Frame 191: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:03.103434649 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655343.103434649 seconds
[Time delta from previous captured frame: 0.344203309 seconds]
[Time delta from previous displayed frame: 0.344203309 seconds]
[Time since reference or first frame: 6.500358470 seconds]
Frame Number: 191
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 60
Identification: 0x2dbd (11709)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xbbff [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51706, Dst Port: 8080, Seq: 0, Len: 0
192 6.502729323 10.4.20.103 10.1.40.148 TCP 74 8080 → 51706 [SYN, ACK]
Seq=0 Ack=1 Win=28960 Len=0 MSS=1460 SACK_PERM=1 TSval=2883211129 TSecr=1205071178 WS=256
Frame 192: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:03.105805502 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655343.105805502 seconds
[Time delta from previous captured frame: 0.002370853 seconds]
[Time delta from previous displayed frame: 0.002370853 seconds]
[Time since reference or first frame: 6.502729323 seconds]
Frame Number: 192
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
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: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0xebbc [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51706, Seq: 0, Ack: 1, Len: 0
193 6.502844531 10.1.40.148 10.4.20.103 TCP 66 51706 → 8080 [ACK]
Seq=1 Ack=1 Win=29312 Len=0 TSval=1205071181 TSecr=2883211129
Frame 193: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:03.105920710 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655343.105920710 seconds
[Time delta from previous captured frame: 0.000115208 seconds]
[Time delta from previous displayed frame: 0.000115208 seconds]
[Time since reference or first frame: 6.502844531 seconds]
Frame Number: 193
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x2dbe (11710)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xbc06 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51706, Dst Port: 8080, Seq: 1, Ack: 1, Len: 0
194 6.503218973 10.1.40.148 10.4.20.103 HTTP 288 CONNECT
w8n59b.vkcache.com:443 HTTP/1.1
Frame 194: 288 bytes on wire (2304 bits), 288 bytes captured (2304 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:03.106295152 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655343.106295152 seconds
[Time delta from previous captured frame: 0.000374442 seconds]
[Time delta from previous displayed frame: 0.000374442 seconds]
[Time since reference or first frame: 6.503218973 seconds]
Frame Number: 194
Frame Length: 288 bytes (2304 bits)
Capture Length: 288 bytes (2304 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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4(0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
```


0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 274
Identification: 0x2dbf (11711)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xbb27 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]

Transmission Control Protocol, Src Port: 51706, Dst Port: 8080, Seq: 1, Ack: 1, Len: 222

Hypertext Transfer Protocol

195 6.506489159 10.4.20.103 10.1.40.148 TCP 66 8080 → 51706 [ACK]

Seq=1 Ack=223 Win=30208 Len=0 TSval=2883211132 TSecr=1205071181

Frame 195: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0

Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:03.109565338 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655343.109565338 seconds
[Time delta from previous captured frame: 0.003270186 seconds]
[Time delta from previous displayed frame: 0.003270186 seconds]
[Time since reference or first frame: 6.506489159 seconds]
Frame Number: 195
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)

Destination: Dell_07:83:77 (18:db:f2:07:83:77)

Source: Cisco_76:47:49 (64:00:f1:76:47:49)

Type: IPv4 (0x0800)

Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148

0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x60a0 (24736)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x8b24 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]

Transmission Control Protocol, Src Port: 8080, Dst Port: 51706, Seq: 1, Ack: 223, Len: 0

196 6.555496270 10.4.20.103 10.1.40.148 TCP 1514 8080 → 51706 [ACK]

Seq=1 Ack=223 Win=30208 Len=1448 TSval=2883211184 TSecr=1205071181 [TCP segment of a reassembled PDU]

Frame 196: 1514 bytes on wire (12112 bits), 1514 bytes captured (12112 bits) on interface 0

Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:03.158572449 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655343.158572449 seconds
[Time delta from previous captured frame: 0.049007111 seconds]
[Time delta from previous displayed frame: 0.049007111 seconds]
[Time since reference or first frame: 6.555496270 seconds]
Frame Number: 196
Frame Length: 1514 bytes (12112 bits)
Capture Length: 1514 bytes (12112 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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)

Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 1500
Identification: 0x60a1 (24737)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x857b [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]

Transmission Control Protocol, Src Port: 8080, Dst Port: 51706, Seq: 1, Ack: 223, Len: 1448
197 6.555560490 10.1.40.148 10.4.20.103 TCP 66 51706 → 8080 [ACK]
Seq=223 Ack=1449 Win=32128 Len=0 TSval=1205071233 TSecr=2883211184

Frame 197: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:03.158636669 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655343.158636669 seconds
[Time delta from previous captured frame: 0.000064220 seconds]
[Time delta from previous displayed frame: 0.000064220 seconds]
[Time since reference or first frame: 6.555560490 seconds]
Frame Number: 197
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)

Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x2dc0 (11712)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xbc04 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]

Transmission Control Protocol, Src Port: 51706, Dst Port: 8080, Seq: 223, Ack: 1449, Len: 0
198 6.555608454 10.4.20.103 10.1.40.148 HTTP 2422 HTTP/1.1 503 Service Unavailable (text/html)

Frame 198: 2422 bytes on wire (19376 bits), 2422 bytes captured (19376 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:03.158684633 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655343.158684633 seconds
[Time delta from previous captured frame: 0.000047964 seconds]
[Time delta from previous displayed frame: 0.000047964 seconds]
[Time since reference or first frame: 6.555608454 seconds]
Frame Number: 198
Frame Length: 2422 bytes (19376 bits)
Capture Length: 2422 bytes (19376 bits)
[Frame is marked: False]

```
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:http:data-text-lines]
[Coloring Rule Name: HTTP]
[Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 2408
Identification: 0x60a2 (24738)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x81ee [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51706, Seq: 1449, Ack: 223, Len: 2356
[2 Reassembled TCP Segments (3804 bytes): #196(1448), #198(2356)]
Hypertext Transfer Protocol
Line-based text data: text/html
199 6.555630362 10.1.40.148 10.4.20.103 TCP 66 51706 → 8080 [ACK]
Seq=223 Ack=3805 Win=36864 Len=0 TSval=1205071233 TSecr=2883211184
Frame 199: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:03.158706541 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655343.158706541 seconds
[Time delta from previous captured frame: 0.000021908 seconds]
[Time delta from previous displayed frame: 0.000021908 seconds]
[Time since reference or first frame: 6.555630362 seconds]
Frame Number: 199
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x2dc1 (11713)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xbc03 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51706, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
200 6.555639056 10.4.20.103 10.1.40.148 TCP 66 8080 → 51706 [FIN, ACK]
Seq=3805 Ack=223 Win=30208 Len=0 TSval=2883211184 TSecr=1205071181
Frame 200: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:03.158715235 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655343.158715235 seconds
```

```
[Time delta from previous captured frame: 0.000008694 seconds]
[Time delta from previous displayed frame: 0.000008694 seconds]
[Time since reference or first frame: 6.555639056 seconds]
Frame Number: 200
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x60a4 (24740)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x8b20 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51706, Seq: 3805, Ack: 223, Len: 0
201 6.555862245 10.1.40.148 10.4.20.103 TCP 66 51706 → 8080 [FIN, ACK]
Seq=223 Ack=3806 Win=36864 Len=0 TSval=1205071234 TSecr=2883211184
Frame 201: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:03.158938424 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655343.158938424 seconds
[Time delta from previous captured frame: 0.000223189 seconds]
[Time delta from previous displayed frame: 0.000223189 seconds]
[Time since reference or first frame: 6.555862245 seconds]
Frame Number: 201
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x2dc2 (11714)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xbc02 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51706, Dst Port: 8080, Seq: 223, Ack: 3806, Len: 0
202 6.557036380 10.4.20.103 10.1.40.148 TCP 66 8080 → 51706 [ACK]
Seq=3806 Ack=224 Win=30208 Len=0 TSval=2883211185 TSecr=1205071234
Frame 202: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
```

```
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:03.160112559 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655343.160112559 seconds
[Time delta from previous captured frame: 0.001174135 seconds]
[Time delta from previous displayed frame: 0.001174135 seconds]
[Time since reference or first frame: 6.557036380 seconds]
Frame Number: 202
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x60a5 (24741)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x8b1f [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51706, Seq: 3806, Ack: 224, Len: 0
203 6.639051129 10.1.40.111 239.255.255.250 SSDP 214 M-SEARCH * HTTP/1.1
Frame 203: 214 bytes on wire (1712 bits), 214 bytes captured (1712 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:03.242127308 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655343.242127308 seconds
[Time delta from previous captured frame: 0.082014749 seconds]
[Time delta from previous displayed frame: 0.082014749 seconds]
[Time since reference or first frame: 6.639051129 seconds]
Frame Number: 203
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:udp:ssdp]
[Coloring Rule Name: UDP]
[Coloring Rule String: udp]
Ethernet II, Src: Dell_75:51:0f (34:17:eb:75:51:0f), Dst: IPv4mcast_7f:ff:fa (01:00:5e:7f:ff:fa)
Destination: IPv4mcast_7f:ff:fa (01:00:5e:7f:ff:fa)
Source: Dell_75:51:0f (34:17:eb:75:51:0f)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.111, Dst: 239.255.255.250
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 200
Identification: 0xae13 (44563)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 1
Protocol: UDP (17)
Header checksum: 0xa8a7 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.111
Destination: 239.255.255.250
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
User Datagram Protocol, Src Port: 51116, Dst Port: 1900
Source Port: 51116
```

```
Destination Port: 1900
Length: 180
Checksum: 0x77cf [unverified]
[Checksum Status: Unverified]
[Stream index: 6]
Simple Service Discovery Protocol
 204 7.001435374    10.1.40.148          10.4.20.103          TCP          74      51708 → 8080 [SYN]
Seq=0 Win=29200 Len=0 MSS=1460 SACK_PERM=1 TSval=1205071679 TSecr=0 WS=128
Frame 204: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:03.604511553 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655343.604511553 seconds
  [Time delta from previous captured frame: 0.362384245 seconds]
  [Time delta from previous displayed frame: 0.362384245 seconds]
  [Time since reference or first frame: 7.001435374 seconds]
  Frame Number: 204
  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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
 0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 60
  Identification: 0xb538 (46392)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x3484 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.148
  Destination: 10.4.20.103
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51708, Dst Port: 8080, Seq: 0, Len: 0
 205 7.001960592    10.4.20.103          10.1.40.148          TCP          74      8080 → 51708 [SYN, ACK]
Seq=0 Ack=1 Win=28960 Len=0 MSS=1460 SACK_PERM=1 TSval=2883211630 TSecr=1205071679 WS=256
Frame 205: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:03.605036771 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655343.605036771 seconds
  [Time delta from previous captured frame: 0.000525218 seconds]
  [Time delta from previous displayed frame: 0.000525218 seconds]
  [Time since reference or first frame: 7.001960592 seconds]
  Frame Number: 205
  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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
  Destination: Dell_07:83:77 (18:db:f2:07:83:77)
  Source: Cisco_76:47:49 (64:00:f1:76:47:49)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
 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: 0x02 (Don't Fragment)
```

```
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0xebbc [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51708, Seq: 0, Ack: 1, Len: 0
  206 7.002055328    10.1.40.148    10.4.20.103    TCP    66    51708 → 8080 [ACK]
Seq=1 Ack=1 Win=29312 Len=0 TSval=1205071680 TSecr=2883211630
Frame 206: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:03.605131507 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655343.605131507 seconds
  [Time delta from previous captured frame: 0.000094736 seconds]
  [Time delta from previous displayed frame: 0.000094736 seconds]
  [Time since reference or first frame: 7.002055328 seconds]
  Frame Number: 206
  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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0xb539 (46393)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x348b [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.148
  Destination: 10.4.20.103
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51708, Dst Port: 8080, Seq: 1, Ack: 1, Len: 0
  207 7.002302218    10.1.40.148    10.4.20.103    HTTP    288    CONNECT
ge6j7m.vkcache.com:443 HTTP/1.1
Frame 207: 288 bytes on wire (2304 bits), 288 bytes captured (2304 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:03.605378397 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655343.605378397 seconds
  [Time delta from previous captured frame: 0.000246890 seconds]
  [Time delta from previous displayed frame: 0.000246890 seconds]
  [Time since reference or first frame: 7.002302218 seconds]
  Frame Number: 207
  Frame Length: 288 bytes (2304 bits)
  Capture Length: 288 bytes (2304 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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
```

```
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 274
Identification: 0xb53a (46394)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x33ac [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51708, Dst Port: 8080, Seq: 1, Ack: 1, Len: 222
Hypertext Transfer Protocol
  208 7.002504220    10.4.20.103          10.1.40.148          TCP        66      8080 → 51708 [ACK]
Seq=1 Ack=223 Win=30208 Len=0 TSval=2883211631 TSecr=1205071680
Frame 208: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:03.605580399 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655343.605580399 seconds
  [Time delta from previous captured frame: 0.000202002 seconds]
  [Time delta from previous displayed frame: 0.000202002 seconds]
  [Time since reference or first frame: 7.002504220 seconds]
  Frame Number: 208
  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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
  Destination: Dell_07:83:77 (18:db:f2:07:83:77)
  Source: Cisco_76:47:49 (64:00:f1:76:47:49)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0xae3b (44603)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 62
  Protocol: TCP (6)
  Header checksum: 0x3d89 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.4.20.103
  Destination: 10.1.40.148
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51708, Seq: 1, Ack: 223, Len: 0
  209 7.052044069    10.4.20.103          10.1.40.148          TCP        1514    8080 → 51708 [ACK]
Seq=1 Ack=223 Win=30208 Len=1448 TSval=2883211680 TSecr=1205071680 [TCP segment of a reassembled PDU]
Frame 209: 1514 bytes on wire (12112 bits), 1514 bytes captured (12112 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:03.655120248 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655343.655120248 seconds
  [Time delta from previous captured frame: 0.049539849 seconds]
  [Time delta from previous displayed frame: 0.049539849 seconds]
  [Time since reference or first frame: 7.052044069 seconds]
  Frame Number: 209
  Frame Length: 1514 bytes (12112 bits)
  Capture Length: 1514 bytes (12112 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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
  Destination: Dell_07:83:77 (18:db:f2:07:83:77)
```



```
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 1500
Identification: 0xae3c (44604)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x37e0 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51708, Seq: 1, Ack: 223, Len: 1448
210 7.052120517 10.1.40.148 10.4.20.103 TCP 66 51708 → 8080 [ACK]
Seq=223 Ack=1449 Win=32128 Len=0 TSval=1205071730 TSecr=2883211680
Frame 210: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:03.655196696 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655343.655196696 seconds
[Time delta from previous captured frame: 0.000076448 seconds]
[Time delta from previous displayed frame: 0.000076448 seconds]
[Time since reference or first frame: 7.052120517 seconds]
Frame Number: 210
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xb53b (46395)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x3489 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51708, Dst Port: 8080, Seq: 223, Ack: 1449, Len: 0
211 7.052153025 10.4.20.103 10.1.40.148 HTTP 2422 HTTP/1.1 503 Service
Unavailable (text/html)
Frame 211: 2422 bytes on wire (19376 bits), 2422 bytes captured (19376 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:03.655229204 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655343.655229204 seconds
[Time delta from previous captured frame: 0.000032508 seconds]
[Time delta from previous displayed frame: 0.000032508 seconds]
[Time since reference or first frame: 7.052153025 seconds]
Frame Number: 211
Frame Length: 2422 bytes (19376 bits)
Capture Length: 2422 bytes (19376 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:http:data-text-lines]
```

```
[Coloring Rule Name: HTTP]
[Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
  Destination: Dell_07:83:77 (18:db:f2:07:83:77)
  Source: Cisco_76:47:49 (64:00:f1:76:47:49)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 2408
  Identification: 0xae3d (44605)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 62
  Protocol: TCP (6)
  Header checksum: 0x3453 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.4.20.103
  Destination: 10.1.40.148
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51708, Seq: 1449, Ack: 223, Len: 2356
[2 Reassembled TCP Segments (3804 bytes): #209(1448), #211(2356)]
Hypertext Transfer Protocol
Line-based text data: text/html
  212 7.052173529 10.1.40.148 10.4.20.103 TCP 66 51708 → 8080 [ACK]
Seq=223 Ack=3805 Win=36864 Len=0 TSval=1205071730 TSecr=2883211680
Frame 212: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:03.655249708 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655343.655249708 seconds
  [Time delta from previous captured frame: 0.000020504 seconds]
  [Time delta from previous displayed frame: 0.000020504 seconds]
  [Time since reference or first frame: 7.052173529 seconds]
  Frame Number: 212
  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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0xb53c (46396)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 64
  Protocol: TCP (6)
  Header checksum: 0x3488 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.1.40.148
  Destination: 10.4.20.103
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51708, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
  213 7.052454662 10.1.40.148 10.4.20.103 TCP 66 51708 → 8080 [FIN, ACK]
Seq=223 Ack=3805 Win=36864 Len=0 TSval=1205071730 TSecr=2883211680
Frame 213: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:03.655530841 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655343.655530841 seconds
  [Time delta from previous captured frame: 0.000281133 seconds]
  [Time delta from previous displayed frame: 0.000281133 seconds]
```

```
[Time since reference or first frame: 7.052454662 seconds]
Frame Number: 213
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xb53d (46397)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x3487 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51708, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
214 7.053281386 10.4.20.103 10.1.40.148 TCP 66 8080 → 51708 [FIN, ACK]
Seq=3805 Ack=224 Win=30208 Len=0 TSval=2883211682 TSecr=1205071730
Frame 214: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:03.656357565 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655343.656357565 seconds
[Time delta from previous captured frame: 0.000826724 seconds]
[Time delta from previous displayed frame: 0.000826724 seconds]
[Time since reference or first frame: 7.053281386 seconds]
Frame Number: 214
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xae3f (44607)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0x3d85 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51708, Seq: 3805, Ack: 224, Len: 0
215 7.053340900 10.1.40.148 10.4.20.103 TCP 66 51708 → 8080 [ACK]
Seq=224 Ack=3806 Win=36864 Len=0 TSval=1205071731 TSecr=2883211682
Frame 215: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:03.656417079 IST
```

```
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655343.656417079 seconds
[Time delta from previous captured frame: 0.000059514 seconds]
[Time delta from previous displayed frame: 0.000059514 seconds]
[Time since reference or first frame: 7.053340900 seconds]
Frame Number: 215
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xb53e (46398)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x3486 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51708, Dst Port: 8080, Seq: 224, Ack: 3806, Len: 0
216 7.064065547 10.1.40.131 255.255.255.255 UDP 70 48582 → 2008 Len=28
Frame 216: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:03.667141726 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655343.667141726 seconds
[Time delta from previous captured frame: 0.010724647 seconds]
[Time delta from previous displayed frame: 0.010724647 seconds]
[Time since reference or first frame: 7.064065547 seconds]
Frame Number: 216
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: Tp-LinkT_17:e9:42 (7c:8b:ca:17:e9:42), Dst: Broadcast (ff:ff:ff:ff:ff:ff)
Destination: Broadcast (ff:ff:ff:ff:ff:ff)
Source: Tp-LinkT_17:e9:42 (7c:8b:ca:17:e9:42)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.131, Dst: 255.255.255.255
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 56
Identification: 0xe1dd (57821)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: UDP (17)
Header checksum: 0x2654 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.131
Destination: 255.255.255.255
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
User Datagram Protocol, Src Port: 48582, Dst Port: 2008
Source Port: 48582
Destination Port: 2008
Length: 36
```

```
Checksum: 0x920d [unverified]
[Checksum Status: Unverified]
[Stream index: 0]
Data (28 bytes)
0000 42 43 20 32 33 6c 61 66 65 72 72 61 72 69 2d 4c BC 23laFerrari-L
0010 65 6e 6f 76 6f 2d 5a 35 31 2d 37 30 enovo-Z51-70
Data: 42432032336c61666572726172692d4c656e6f766f2d5a35...
[Length: 28]
217 7.108039445 Cisco_c2:fa:04 Spanning-tree-(for-bridges)_00 STP 60 Conf. Root =
32768/507/00:1d:45:55:2c:00 Cost = 16 Port = 0x8004
Frame 217: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:03.711115624 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655343.711115624 seconds
[Time delta from previous captured frame: 0.043973898 seconds]
[Time delta from previous displayed frame: 0.043973898 seconds]
[Time since reference or first frame: 7.108039445 seconds]
Frame Number: 217
Frame Length: 60 bytes (480 bits)
Capture Length: 60 bytes (480 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:llc:stp]
[Coloring Rule Name: Broadcast]
[Coloring Rule String: eth[0] & 1]
IEEE 802.3 Ethernet
Logical-Link Control
Spanning Tree Protocol
218 7.501799617 10.1.40.148 10.4.20.103 TCP 74 51710 → 8080 [SYN]
Seq=0 Win=29200 Len=0 MSS=1460 SACK_PERM=1 TSval=1205072179 TSecr=0 WS=128
Frame 218: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:04.104875796 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655344.104875796 seconds
[Time delta from previous captured frame: 0.393760172 seconds]
[Time delta from previous displayed frame: 0.393760172 seconds]
[Time since reference or first frame: 7.501799617 seconds]
Frame Number: 218
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 60
Identification: 0xe7f8 (59384)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x01c4 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51710, Dst Port: 8080, Seq: 0, Len: 0
219 7.501987791 10.4.20.103 10.1.40.148 TCP 74 8080 → 51710 [SYN, ACK]
Seq=0 Ack=1 Win=28960 Len=0 MSS=1460 SACK_PERM=1 TSval=2883212131 TSecr=1205072179 WS=256
Frame 219: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:04.105063970 IST
```

```
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655344.105063970 seconds
[Time delta from previous captured frame: 0.000188174 seconds]
[Time delta from previous displayed frame: 0.000188174 seconds]
[Time since reference or first frame: 7.501987791 seconds]
Frame Number: 219
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
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: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0xebbc [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51710, Seq: 0, Ack: 1, Len: 0
220 7.502091316 10.1.40.148 10.4.20.103 TCP 66 51710 → 8080 [ACK]
Seq=1 Ack=1 Win=29312 Len=0 TSval=1205072180 TSecr=2883212131
Frame 220: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:04.105167495 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655344.105167495 seconds
[Time delta from previous captured frame: 0.000103525 seconds]
[Time delta from previous displayed frame: 0.000103525 seconds]
[Time since reference or first frame: 7.502091316 seconds]
Frame Number: 220
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0xe7f9 (59385)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x01cb [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51710, Dst Port: 8080, Seq: 1, Ack: 1, Len: 0
221 7.502354054 10.1.40.148 10.4.20.103 HTTP 288 CONNECT
970xl8.vkcache.com:443 HTTP/1.1
```

Frame 221: 288 bytes on wire (2304 bits), 288 bytes captured (2304 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:04.105430233 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655344.105430233 seconds
[Time delta from previous captured frame: 0.000262738 seconds]
[Time delta from previous displayed frame: 0.000262738 seconds]
[Time since reference or first frame: 7.502354054 seconds]
Frame Number: 221
Frame Length: 288 bytes (2304 bits)
Capture Length: 288 bytes (2304 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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 274
Identification: 0xe7fa (59386)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x00ec [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51710, Dst Port: 8080, Seq: 1, Ack: 1, Len: 222
Hypertext Transfer Protocol
222 7.502629727 10.4.20.103 10.1.40.148 TCP 66 8080 → 51710 [ACK]
Seq=1 Ack=223 Win=30208 Len=0 TSval=2883212131 TSecr=1205072180
Frame 222: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:04.105705906 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655344.105705906 seconds
[Time delta from previous captured frame: 0.000275673 seconds]
[Time delta from previous displayed frame: 0.000275673 seconds]
[Time since reference or first frame: 7.502629727 seconds]
Frame Number: 222
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x4948 (18760)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0xa27c [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148

```
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51710, Seq: 1, Ack: 223, Len: 0
  223 7.556879292    10.4.20.103        10.1.40.148        HTTP      3870    HTTP/1.1 503 Service
Unavailable (text/html)
Frame 223: 3870 bytes on wire (30960 bits), 3870 bytes captured (30960 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:04.159955471 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655344.159955471 seconds
  [Time delta from previous captured frame: 0.054249565 seconds]
  [Time delta from previous displayed frame: 0.054249565 seconds]
  [Time since reference or first frame: 7.556879292 seconds]
  Frame Number: 223
  Frame Length: 3870 bytes (30960 bits)
  Capture Length: 3870 bytes (30960 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:tcp:http:data-text-lines]
  [Coloring Rule Name: HTTP]
  [Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
  Destination: Dell_07:83:77 (18:db:f2:07:83:77)
  Source: Cisco_76:47:49 (64:00:f1:76:47:49)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 3856
  Identification: 0x4949 (18761)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 62
  Protocol: TCP (6)
  Header checksum: 0x939f [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.4.20.103
  Destination: 10.1.40.148
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51710, Seq: 1, Ack: 223, Len: 3804
Hypertext Transfer Protocol
Line-based text data: text/html
  224 7.556963475    10.1.40.148        10.4.20.103        TCP      66      51710 → 8080 [ACK]
Seq=223 Ack=3805 Win=36864 Len=0 TSval=1205072235 TSecr=2883212184
Frame 224: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:04.160039654 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655344.160039654 seconds
  [Time delta from previous captured frame: 0.000084183 seconds]
  [Time delta from previous displayed frame: 0.000084183 seconds]
  [Time since reference or first frame: 7.556963475 seconds]
  Frame Number: 224
  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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
  Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
  Source: Dell_07:83:77 (18:db:f2:07:83:77)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0xe7fb (59387)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
```



```
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x01c9 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51710, Dst Port: 8080, Seq: 223, Ack: 3805, Len: 0
225 7.557027380 10.4.20.103 10.1.40.148 TCP 66 8080 → 51710 [FIN, ACK]
Seq=3805 Ack=223 Win=30208 Len=0 TSval=2883212185 TSecr=1205072180
Frame 225: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:04.160103559 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655344.160103559 seconds
[Time delta from previous captured frame: 0.000063905 seconds]
[Time delta from previous displayed frame: 0.000063905 seconds]
[Time since reference or first frame: 7.557027380 seconds]
Frame Number: 225
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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
Destination: Dell_07:83:77 (18:db:f2:07:83:77)
Source: Cisco_76:47:49 (64:00:f1:76:47:49)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 52
Identification: 0x494c (18764)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 62
Protocol: TCP (6)
Header checksum: 0xa278 [validation disabled]
[Header checksum status: Unverified]
Source: 10.4.20.103
Destination: 10.1.40.148
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51710, Seq: 3805, Ack: 223, Len: 0
226 7.557358095 10.1.40.148 10.4.20.103 TCP 66 51710 → 8080 [FIN, ACK]
Seq=223 Ack=3806 Win=36864 Len=0 TSval=1205072235 TSecr=2883212185
Frame 226: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (enp3s0)
Encapsulation type: Ethernet (1)
Arrival Time: Feb 26, 2018 19:59:04.160434274 IST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1519655344.160434274 seconds
[Time delta from previous captured frame: 0.000330715 seconds]
[Time delta from previous displayed frame: 0.000330715 seconds]
[Time since reference or first frame: 7.557358095 seconds]
Frame Number: 226
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: Dell_07:83:77 (18:db:f2:07:83:77), Dst: Cisco_76:47:49 (64:00:f1:76:47:49)
Destination: Cisco_76:47:49 (64:00:f1:76:47:49)
Source: Dell_07:83:77 (18:db:f2:07:83:77)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.1.40.148, Dst: 10.4.20.103
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
```

```
Total Length: 52
Identification: 0xe7fc (59388)
Flags: 0x02 (Don't Fragment)
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x01c8 [validation disabled]
[Header checksum status: Unverified]
Source: 10.1.40.148
Destination: 10.4.20.103
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 51710, Dst Port: 8080, Seq: 223, Ack: 3806, Len: 0
  227 7.564349289    10.4.20.103    10.1.40.148    TCP        66      8080 → 51710 [ACK]
Seq=3806 Ack=224 Win=30208 Len=0 TSval=2883212186 TSecr=1205072235
Frame 227: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
  Interface id: 0 (enp3s0)
  Encapsulation type: Ethernet (1)
  Arrival Time: Feb 26, 2018 19:59:04.167425468 IST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1519655344.167425468 seconds
  [Time delta from previous captured frame: 0.006991194 seconds]
  [Time delta from previous displayed frame: 0.006991194 seconds]
  [Time since reference or first frame: 7.564349289 seconds]
  Frame Number: 227
  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: Cisco_76:47:49 (64:00:f1:76:47:49), Dst: Dell_07:83:77 (18:db:f2:07:83:77)
  Destination: Dell_07:83:77 (18:db:f2:07:83:77)
  Source: Cisco_76:47:49 (64:00:f1:76:47:49)
  Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.4.20.103, Dst: 10.1.40.148
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 52
  Identification: 0x494d (18765)
  Flags: 0x02 (Don't Fragment)
  Fragment offset: 0
  Time to live: 62
  Protocol: TCP (6)
  Header checksum: 0xa277 [validation disabled]
  [Header checksum status: Unverified]
  Source: 10.4.20.103
  Destination: 10.1.40.148
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 8080, Dst Port: 51710, Seq: 3806, Ack: 224, Len: 0
```