

No.	Time	Source	Destination	Protocol	Length	Info
	82 6.035475	71.192.34.104	64.233.169.104	TCP	66	4335 → 80

[SYN] Seq=0 Win=65535 Len=0 MSS=1460 WS=4 SACK\_PERM

Frame 82: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)

Encapsulation type: Ethernet (1)

Arrival Time: Sep 20, 2009 13:43:07.766539000 PDT

UTC Arrival Time: Sep 20, 2009 20:43:07.766539000 UTC

Epoch Arrival Time: 1253479387.766539000

[Time shift for this packet: 0.000000000 seconds]

[Time delta from previous captured frame: 0.002737000 seconds]

[Time delta from previous displayed frame: 0.000000000 seconds]

[Time since reference or first frame: 6.035475000 seconds]

Frame Number: 82

Frame Length: 66 bytes (528 bits)

Capture Length: 66 bytes (528 bits)

[Frame is marked: False]

[Frame is ignored: False]

[Protocols in frame: eth:ethertype:ip:tcp]

[Coloring Rule Name: HTTP]

[Coloring Rule String: http || tcp.port == 80 || http2]

Ethernet II, Src: Dell\_4f:36:23 (00:08:74:4f:36:23), Dst: Cisco\_bf:6c:01 (00:0e:d6:bf:6c:01)

Destination: Cisco\_bf:6c:01 (00:0e:d6:bf:6c:01)

.... 0. .... = LG bit: Globally unique address (factory default)

.... 0. .... = IG bit: Individual address (unicast)

Source: Dell\_4f:36:23 (00:08:74:4f:36:23)

.... 0. .... = LG bit: Globally unique address (factory default)

.... 0. .... = IG bit: Individual address (unicast)

Type: IPv4 (0x0800)

[Stream index: 1]

Internet Protocol Version 4, Src: 71.192.34.104, Dst: 64.233.169.104

0100 .... = Version: 4

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

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

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 52

Identification: 0xa2aa (41642)

010. .... = Flags: 0x2, Don't fragment

0... .... = Reserved bit: Not set

.1.. .... = Don't fragment: Set

..0. .... = More fragments: Not set

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

Time to Live: 127

Protocol: TCP (6)

Header Checksum: 0x04a0 [validation disabled]

[Header checksum status: Unverified]

Source Address: 71.192.34.104

Destination Address: 64.233.169.104

[Stream index: 7]

Transmission Control Protocol, Src Port: 4335, Dst Port: 80, Seq: 0, Len: 0

Source Port: 4335

Destination Port: 80

[Stream index: 2]

[Stream Packet Number: 1]

[Conversation completeness: Incomplete, DATA (15)]

..0. .... = RST: Absent

...0 .... = FIN: Absent

.... 1... = Data: Present

.... .1.. = ACK: Present

.... ..1. = SYN-ACK: Present

.... ...1 = SYN: Present

[Completeness Flags: ..DASS]

[TCP Segment Len: 0]

Sequence Number: 0 (relative sequence number)

Sequence Number (raw): 4164040420

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

Acknowledgment Number: 0  
Acknowledgment number (raw): 0  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x002 (SYN)  
    000. .... = Reserved: Not set  
    ...0 .... = Accurate ECN: Not set  
    .... 0... = Congestion Window Reduced: Not set  
    .... .0.. = ECN-Echo: Not set  
    .... ..0. = Urgent: Not set  
    .... ...0 = Acknowledgment: Not set  
    .... .... 0... = Push: Not set  
    .... .... .0.. = Reset: Not set  
    .... .... ..1. = Syn: Set  
    [Expert Info (Chat/Sequence): Connection establish request (SYN): server port 80]  
    [Connection establish request (SYN): server port 80]  
    [Severity level: Chat]  
    [Group: Sequence]  
    .... .... ...0 = Fin: Not set  
    [TCP Flags: .....S.]  
Window: 65535  
[Calculated window size: 65535]  
Checksum: 0xda46 [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
Options: (12 bytes), Maximum segment size, No-Operation (NOP), Window scale, No-Operation (NOP), No-Operation (NOP), SACK permitted  
    TCP Option - Maximum segment size: 1460 bytes  
        Kind: Maximum Segment Size (2)  
        Length: 4  
        MSS Value: 1460  
    TCP Option - No-Operation (NOP)  
        Kind: No-Operation (1)  
    TCP Option - Window scale: 2 (multiply by 4)  
        Kind: Window Scale (3)  
        Length: 3  
        Shift count: 2  
        [Multiplier: 4]  
    TCP Option - No-Operation (NOP)  
        Kind: No-Operation (1)  
    TCP Option - No-Operation (NOP)  
        Kind: No-Operation (1)  
    TCP Option - SACK permitted  
        Kind: SACK Permitted (4)  
        Length: 2  
[Timestamps]  
    [Time since first frame in this TCP stream: 0.000000000 seconds]  
    [Time since previous frame in this TCP stream: 0.000000000 seconds]  
No.      Time                      Source                      Destination                      Protocol      Length      Info  
83 6.067775                      64.233.169.104                      71.192.34.104                      TCP              66              80 → 4335  
[SYN, ACK] Seq=0 Ack=1 Win=5720 Len=0 MSS=1430 SACK\_PERM WS=64  
Frame 83: 66 bytes on wire (528 bits), 66 bytes captured (528 bits)  
Encapsulation type: Ethernet (1)  
Arrival Time: Sep 20, 2009 13:43:07.798839000 PDT  
UTC Arrival Time: Sep 20, 2009 20:43:07.798839000 UTC  
Epoch Arrival Time: 1253479387.798839000  
[Time shift for this packet: 0.000000000 seconds]  
[Time delta from previous captured frame: 0.032300000 seconds]  
[Time delta from previous displayed frame: 0.032300000 seconds]  
[Time since reference or first frame: 6.067775000 seconds]  
Frame Number: 83  
Frame Length: 66 bytes (528 bits)  
Capture Length: 66 bytes (528 bits)  
[Frame is marked: False]  
[Frame is ignored: False]  
[Protocols in frame: eth:ethertype:ip:tcp]  
[Coloring Rule Name: HTTP]

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[Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: Cisco_bf:6c:01 (00:0e:d6:bf:6c:01), Dst: Dell_4f:36:23 (00:08:74:4f:36:23)
Destination: Dell_4f:36:23 (00:08:74:4f:36:23)
.... 0. .... = LG bit: Globally unique address (factory default)
.... 0. .... = IG bit: Individual address (unicast)
Source: Cisco_bf:6c:01 (00:0e:d6:bf:6c:01)
.... 0. .... = LG bit: Globally unique address (factory default)
.... 0. .... = IG bit: Individual address (unicast)
Type: IPv4 (0x0800)
[Stream index: 1]
Internet Protocol Version 4, Src: 64.233.169.104, Dst: 71.192.34.104
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x20 (DSCP: CS1, ECN: Not-ECT)
0010 00.. = Differentiated Services Codepoint: Class Selector 1 (8)
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)
Total Length: 52
Identification: 0xf61a (63002)
000. .... = Flags: 0x0
0... .... = Reserved bit: Not set
.0.. .... = Don't fragment: Not set
..0. .... = More fragments: Not set
...0 0000 0000 = Fragment Offset: 0
Time to Live: 51
Protocol: TCP (6)
Header Checksum: 0x3d10 [validation disabled]
[Header checksum status: Unverified]
Source Address: 64.233.169.104
Destination Address: 71.192.34.104
[Stream index: 7]
Transmission Control Protocol, Src Port: 80, Dst Port: 4335, Seq: 0, Ack: 1, Len: 0
Source Port: 80
Destination Port: 4335
[Stream index: 2]
[Stream Packet Number: 2]
[Conversation completeness: Incomplete, DATA (15)]
..0. .... = RST: Absent
...0 .... = FIN: Absent
.... 1... = Data: Present
.... .1.. = ACK: Present
.... ..1. = SYN-ACK: Present
.... ...1 = SYN: Present
[Completeness Flags: ..DASS]
[TCP Segment Len: 0]
Sequence Number: 0 (relative sequence number)
Sequence Number (raw): 3914283156
[Next Sequence Number: 1 (relative sequence number)]
Acknowledgment Number: 1 (relative ack number)
Acknowledgment number (raw): 4164040421
1000 .... = Header Length: 32 bytes (8)
Flags: 0x012 (SYN, ACK)
000. .... = Reserved: Not set
...0 .... = Accurate ECN: Not set
.... 0... = Congestion Window Reduced: Not set
.... .0.. = ECN-Echo: Not set
.... ..0. = Urgent: Not set
.... ...1 = Acknowledgment: Set
.... ....0... = Push: Not set
.... .... .0.. = Reset: Not set
.... .... ..1. = Syn: Set
[Expert Info (Chat/Sequence): Connection establish acknowledge (SYN+ACK): server
port 80]
[Connection establish acknowledge (SYN+ACK): server port 80]
[Severity level: Chat]
[Group: Sequence]
.... .... ...0 = Fin: Not set
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[TCP Flags: .....A..S.]
Window: 5720
[Calculated window size: 5720]
Checksum: 0xa213 [unverified]
[Checksum Status: Unverified]
Urgent Pointer: 0
Options: (12 bytes), Maximum segment size, No-Operation (NOP), No-Operation (NOP), SACK
permitted, No-Operation (NOP), Window scale
  TCP Option - Maximum segment size: 1430 bytes
    Kind: Maximum Segment Size (2)
    Length: 4
    MSS Value: 1430
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - SACK permitted
    Kind: SACK Permitted (4)
    Length: 2
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Window scale: 6 (multiply by 64)
    Kind: Window Scale (3)
    Length: 3
    Shift count: 6
    [Multiplier: 64]
[Timestamps]
  [Time since first frame in this TCP stream: 0.032300000 seconds]
  [Time since previous frame in this TCP stream: 0.032300000 seconds]
[SEQ/ACK analysis]
  [This is an ACK to the segment in frame: 82]
  [The RTT to ACK the segment was: 0.032300000 seconds]
  [iRTT: 0.033279000 seconds]
No.      Time                Source                Destination            Protocol Length Info
  84 6.068754          71.192.34.104          64.233.169.104         TCP          60      4335 → 80
[ACK] Seq=1 Ack=1 Win=260176 Len=0
Frame 84: 60 bytes on wire (480 bits), 60 bytes captured (480 bits)
  Encapsulation type: Ethernet (1)
  Arrival Time: Sep 20, 2009 13:43:07.799818000 PDT
  UTC Arrival Time: Sep 20, 2009 20:43:07.799818000 UTC
  Epoch Arrival Time: 1253479387.799818000
  [Time shift for this packet: 0.000000000 seconds]
  [Time delta from previous captured frame: 0.000979000 seconds]
  [Time delta from previous displayed frame: 0.000979000 seconds]
  [Time since reference or first frame: 6.068754000 seconds]
  Frame Number: 84
  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:ip:tcp]
  [Coloring Rule Name: HTTP]
  [Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: Dell_4f:36:23 (00:08:74:4f:36:23), Dst: Cisco_bf:6c:01 (00:0e:d6:bf:6c:01)
  Destination: Cisco_bf:6c:01 (00:0e:d6:bf:6c:01)
    ....0. .... = LG bit: Globally unique address (factory default)
    ....0. .... = IG bit: Individual address (unicast)
  Source: Dell_4f:36:23 (00:08:74:4f:36:23)
    ....0. .... = LG bit: Globally unique address (factory default)
    ....0. .... = IG bit: Individual address (unicast)
  Type: IPv4 (0x0800)
  [Stream index: 1]
  Padding: 0000
  Trailer: 20202020
Internet Protocol Version 4, Src: 71.192.34.104, Dst: 64.233.169.104
  0100 .... = Version: 4
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.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  0000 00.. = Differentiated Services Codepoint: Default (0)
  .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)
Total Length: 40
Identification: 0xa2ab (41643)
010. .... = Flags: 0x2, Don't fragment
  0... .... = Reserved bit: Not set
  .1.. .... = Don't fragment: Set
  ..0. .... = More fragments: Not set
...0 0000 0000 0000 = Fragment Offset: 0
Time to Live: 127
Protocol: TCP (6)
Header Checksum: 0x04ab [validation disabled]
[Header checksum status: Unverified]
Source Address: 71.192.34.104
Destination Address: 64.233.169.104
[Stream index: 7]
Transmission Control Protocol, Src Port: 4335, Dst Port: 80, Seq: 1, Ack: 1, Len: 0
Source Port: 4335
Destination Port: 80
[Stream index: 2]
[Stream Packet Number: 3]
[Conversation completeness: Incomplete, DATA (15)]
  ..0. .... = RST: Absent
  ...0 .... = FIN: Absent
  .... 1... = Data: Present
  .... .1.. = ACK: Present
  .... ..1. = SYN-ACK: Present
  .... ...1 = SYN: Present
  [Completeness Flags: ..DASS]
[TCP Segment Len: 0]
Sequence Number: 1      (relative sequence number)
Sequence Number (raw): 4164040421
[Next Sequence Number: 1      (relative sequence number)]
Acknowledgment Number: 1      (relative ack number)
Acknowledgment number (raw): 3914283157
0101 .... = Header Length: 20 bytes (5)
Flags: 0x010 (ACK)
  000. .... = Reserved: Not set
  ...0 .... = Accurate ECN: Not set
  .... 0... = Congestion Window Reduced: Not set
  .... .0.. = ECN-Echo: Not set
  .... ..0. = Urgent: Not set
  .... ...1 = Acknowledgment: Set
  .... .... 0... = Push: Not set
  .... .... .0.. = Reset: Not set
  .... .... ..0. = Syn: Not set
  .... .... ...0 = Fin: Not set
  [TCP Flags: .....A....]
Window: 65044
[Calculated window size: 260176]
[Window size scaling factor: 4]
Checksum: 0xfb09 [unverified]
[Checksum Status: Unverified]
Urgent Pointer: 0
[Timestamps]
  [Time since first frame in this TCP stream: 0.033279000 seconds]
  [Time since previous frame in this TCP stream: 0.000979000 seconds]
[SEQ/ACK analysis]
  [This is an ACK to the segment in frame: 83]
  [The RTT to ACK the segment was: 0.000979000 seconds]
  [iRTT: 0.033279000 seconds]
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