

8 0.185466 128.119.245.12 192.168.29.215 TCP 66 80 → 50797 [SYN, ACK] Seq=1008537718 Ack=3895223545
Win=29200 Len=0 MSS=1460 SACK_PERM=1 WS=128
Frame 8: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (\Device\NPF_{4B5984CE-D56B-450D-A9F6-EA2E28136BCC})
Encapsulation type: Ethernet (1)
Arrival Time: May 7, 2016 15:15:05.924268000 Pacific Daylight Time
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1462659305.924268000 seconds
[Time delta from previous captured frame: 0.090179000 seconds]
[Time delta from previous displayed frame: 0.090179000 seconds]
[Time since reference or first frame: 0.185466000 seconds]
Frame Number: 8
Frame Length: 66 bytes (528 bits)
Capture Length: 66 bytes (528 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: HTTP]
[Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: AsustekC_9a:a6:20 (38:2c:4a:9a:a6:20), Dst: Tp-LinkT_a4:c8:70 (e8:de:27:a4:c8:70)
Destination: Tp-LinkT_a4:c8:70 (e8:de:27:a4:c8:70)
Address: Tp-LinkT_a4:c8:70 (e8:de:27:a4:c8:70)
.... ..0. = LG bit: Globally unique address (factory default)
.... ...0 = IG bit: Individual address (unicast)
Source: AsustekC_9a:a6:20 (38:2c:4a:9a:a6:20)
Address: AsustekC_9a:a6:20 (38:2c:4a:9a:a6:20)
.... ..0. = LG bit: Globally unique address (factory default)
.... ...0 = IG bit: Individual address (unicast)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.29.215
0100 = Version: 4
.... 0101 = Header Length: 20 bytes
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: 0x0000 (0)
Flags: 0x02 (Don't Fragment)
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
Fragment offset: 0
Time to live: 45
Protocol: TCP (6)
Header checksum: 0xf9a0 [validation disabled]
[Good: False]
[Bad: False]
Source: 128.119.245.12
Destination: 192.168.29.215
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 80 (80), Dst Port: 50797 (50797), Seq: 1008537718, Ack: 3895223545, Len: 0
Source Port: 80
Destination Port: 50797
[Stream index: 0]
[TCP Segment Len: 0]
Sequence number: 1008537718
Acknowledgment number: 3895223545
Header Length: 32 bytes
Flags: 0x012 (SYN, ACK)
000. = Reserved: Not set
...0 = Nonce: Not set
.... 0... = Congestion Window Reduced (CWR): 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
[TCP Flags: *****A**S*]
Window size value: 29200
[Calculated window size: 29200]
Checksum: 0x4876 [validation disabled]
[Good Checksum: False]
[Bad Checksum: False]
Urgent pointer: 0
Options: (12 bytes), Maximum segment size, No-Operation (NOP), No-Operation (NOP), SACK permitted, No-Operation (NOP), Window scale
Maximum segment size: 1460 bytes
Kind: Maximum Segment Size (2)

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    Length: 4
    MSS Value: 1460
No-Operation (NOP)
  Type: 1
    0... .... = Copy on fragmentation: No
    .00. .... = Class: Control (0)
    ...0 0001 = Number: No-Operation (NOP) (1)
No-Operation (NOP)
  Type: 1
    0... .... = Copy on fragmentation: No
    .00. .... = Class: Control (0)
    ...0 0001 = Number: No-Operation (NOP) (1)
TCP SACK Permitted Option: True
  Kind: SACK Permitted (4)
  Length: 2
No-Operation (NOP)
  Type: 1
    0... .... = Copy on fragmentation: No
    .00. .... = Class: Control (0)
    ...0 0001 = Number: No-Operation (NOP) (1)
Window scale: 7 (multiply by 128)
  Kind: Window Scale (3)
  Length: 3
  Shift count: 7
  [Multiplier: 128]
[SEQ/ACK analysis]
  [This is an ACK to the segment in frame: 7]
  [The RTT to ACK the segment was: 0.090179000 seconds]
  [iRTT: 0.090249000 seconds]
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