

7 0.095287 192.168.29.215 128.119.245.12 TCP 66 50797 → 80 [SYN] Seq=3895223544 Win=8192 Len=0 MSS=1460
WS=256 SACK_PERM=1
Frame 7: 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 15:15:05.834089000 Pacific Daylight Time
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1462659305.834089000 seconds
[Time delta from previous captured frame: 0.024860000 seconds]
[Time delta from previous displayed frame: 0.000000000 seconds]
[Time since reference or first frame: 0.095287000 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: HTTP]
[Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: Tp-LinkT_a4:c8:70 (e8:de:27:a4:c8:70), Dst: AsustekC_9a:a6:20 (38:2c:4a:9a:a6:20)
Destination: 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)
Source: 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)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 192.168.29.215, Dst: 128.119.245.12
0100 = Version: 4
.... 0101 = Header Length: 20 bytes
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: 0x4cea (19690)
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: 128
Protocol: TCP (6)
Header checksum: 0x59d6 [validation disabled]
[Good: False]
[Bad: False]
Source: 192.168.29.215
Destination: 128.119.245.12
[Source GeoIP: Unknown]
[Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 50797 (50797), Dst Port: 80 (80), Seq: 3895223544, Len: 0
Source Port: 50797
Destination Port: 80
[Stream index: 0]
[TCP Segment Len: 0]
Sequence number: 3895223544
Acknowledgment number: 0
Header Length: 32 bytes
Flags: 0x002 (SYN)
000. = Reserved: Not set
...0 = Nonce: Not set
.... 0... = Congestion Window Reduced (CWR): 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 size value: 8192
[Calculated window size: 8192]
Checksum: 0xe729 [validation disabled]
[Good Checksum: False]
[Bad Checksum: False]
Urgent pointer: 0
Options: (12 bytes), Maximum segment size, No-Operation (NOP), Window scale, No-Operation (NOP), No-Operation (NOP), SACK permitted
Maximum segment size: 1460 bytes
Kind: Maximum Segment Size (2)

```
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)
Window scale: 8 (multiply by 256)
Kind: Window Scale (3)
Length: 3
Shift count: 8
[Multiplier: 256]
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
```