

No.	Time	Source	Destination	Protocol	Length	Info
11	1.098834775	192.168.1.144	128.119.245.12	HTTP	562	GET /wireshark-labs/HTTP-wireshark-file4.html HTTP/1.1

Frame 11: 562 bytes on wire (4496 bits), 562 bytes captured (4496 bits) on interface 0
Interface id: 0 (enp4s0f2)
Interface name: enp4s0f2
Encapsulation type: Ethernet (1)
Arrival Time: Mar 13, 2020 15:57:38.538030368 EET
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1584107858.538030368 seconds
[Time delta from previous captured frame: 0.000648031 seconds]
[Time delta from previous displayed frame: 0.000000000 seconds]
[Time since reference or first frame: 1.098834775 seconds]
Frame Number: 11
Frame Length: 562 bytes (4496 bits)
Capture Length: 562 bytes (4496 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: AsustekC_20:af:fb (30:85:a9:20:af:fb), Dst: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
Destination: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
Address: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
.... ..0. = LG bit: Globally unique address (factory default)
.... ..0. = IG bit: Individual address (unicast)
Source: AsustekC_20:af:fb (30:85:a9:20:af:fb)
Address: AsustekC_20:af:fb (30:85:a9:20:af:fb)
.... ..0. = LG bit: Globally unique address (factory default)
.... ..0. = IG bit: Individual address (unicast)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 192.168.1.144, Dst: 128.119.245.12
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 548
Identification: 0x674d (26445)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x99ca [validation disabled]
[Header checksum status: Unverified]
Source: 192.168.1.144
Destination: 128.119.245.12
Transmission Control Protocol, Src Port: 47750, Dst Port: 80, Seq: 1, Ack: 1, Len: 496
Source Port: 47750
Destination Port: 80
[Stream index: 2]
[TCP Segment Len: 496]
Sequence number: 1 (relative sequence number)
[Next sequence number: 497 (relative sequence number)]
Acknowledgment number: 1 (relative ack number)
1000 = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 502
[Calculated window size: 64256]
[Window size scaling factor: 128]
Checksum: 0xe7a0 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
TCP Option - No-Operation (NOP)
Kind: No-Operation (1)
TCP Option - No-Operation (NOP)
Kind: No-Operation (1)
TCP Option - Timestamps: TSval 568477149, TSecr 3800352115
Kind: Time Stamp Option (8)
Length: 10
Timestamp value: 568477149
Timestamp echo reply: 3800352115
[SEQ/ACK analysis]
[iRTT: 0.119328443 seconds]
[Bytes in flight: 496]
[Bytes sent since last PSH flag: 496]
[Timestamps]
[Time since first frame in this TCP stream: 0.119976474 seconds]

[Time since previous frame in this TCP stream: 0.000648031 seconds]
TCP payload (496 bytes)
Hypertext Transfer Protocol
GET /wireshark-labs/HTTP-wireshark-file4.html HTTP/1.1\r\n
[Expert Info (Chat/Sequence): GET /wireshark-labs/HTTP-wireshark-file4.html HTTP/1.1\r\n]
[GET /wireshark-labs/HTTP-wireshark-file4.html HTTP/1.1\r\n]
[Severity level: Chat]
[Group: Sequence]
Request Method: GET
Request URI: /wireshark-labs/HTTP-wireshark-file4.html
Request Version: HTTP/1.1
Host: gaia.cs.umass.edu\r\n
User-Agent: Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:74.0) Gecko/20100101 Firefox/74.0\r\n
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8\r\n
Accept-Language: en-US,en;q=0.5\r\n
Accept-Encoding: gzip, deflate\r\n
DNT: 1\r\n
Connection: keep-alive\r\n
Upgrade-Insecure-Requests: 1\r\n
If-Modified-Since: Fri, 13 Mar 2020 05:59:01 GMT\r\n
If-None-Match: "2ca-5a0b62a828d73"\r\n
Cache-Control: max-age=0\r\n
\r\n
[Full request URI: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file4.html]
[HTTP request 1/2]
[Response in frame: 13]
[Next request in frame: 19]

No.	Time	Source	Destination	Protocol	Length	Info
13	1.223240738	128.119.245.12	192.168.1.144	HTTP	306	HTTP/1.1 304 Not Modified

Frame 13: 306 bytes on wire (2448 bits), 306 bytes captured (2448 bits) on interface 0
Interface id: 0 (enp4s0f2)
Interface name: enp4s0f2
Encapsulation type: Ethernet (1)
Arrival Time: Mar 13, 2020 15:57:38.662436331 EET
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1584107858.662436331 seconds
[Time delta from previous captured frame: 0.005847071 seconds]
[Time delta from previous displayed frame: 0.124405963 seconds]
[Time since reference or first frame: 1.223240738 seconds]
Frame Number: 13
Frame Length: 306 bytes (2448 bits)
Capture Length: 306 bytes (2448 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: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49), Dst: AsustekC_20:af:fb (30:85:a9:20:af:fb)
Destination: AsustekC_20:af:fb (30:85:a9:20:af:fb)
Address: AsustekC_20:af:fb (30:85:a9:20:af:fb)
.... 0. = LG bit: Globally unique address (factory default)
.... 0. = IG bit: Individual address (unicast)
Source: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
Address: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
.... 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: 192.168.1.144
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 292
Identification: 0x91f9 (37369)
Flags: 0x4000, Don't fragment
Time to live: 48
Protocol: TCP (6)
Header checksum: 0x801e [validation disabled]
[Header checksum status: Unverified]
Source: 128.119.245.12
Destination: 192.168.1.144
Transmission Control Protocol, Src Port: 80, Dst Port: 47750, Seq: 1, Ack: 497, Len: 240
Source Port: 80
Destination Port: 47750
[Stream index: 2]
[TCP Segment Len: 240]

Sequence number: 1 (relative sequence number)
[Next sequence number: 241 (relative sequence number)]
Acknowledgment number: 497 (relative ack number)
1000 = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 235
[Calculated window size: 30080]
[Window size scaling factor: 128]
Checksum: 0x277f [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
 TCP Option - No-Operation (NOP)
 Kind: No-Operation (1)
 TCP Option - No-Operation (NOP)
 Kind: No-Operation (1)
 TCP Option - Timestamps: TSval 3800352241, TSecr 568477149
 Kind: Time Stamp Option (8)
 Length: 10
 Timestamp value: 3800352241
 Timestamp echo reply: 568477149
[SEQ/ACK analysis]
 [iRTT: 0.119328443 seconds]
 [Bytes in flight: 240]
 [Bytes sent since last PSH flag: 240]
[Timestamps]
 [Time since first frame in this TCP stream: 0.244382437 seconds]
 [Time since previous frame in this TCP stream: 0.005847071 seconds]
TCP payload (240 bytes)
Hypertext Transfer Protocol
 HTTP/1.1 304 Not Modified\r\n
 [Expert Info (Chat/Sequence): HTTP/1.1 304 Not Modified\r\n\r\n]
 [HTTP/1.1 304 Not Modified\r\n\r\n]
 [Severity level: Chat]
 [Group: Sequence]
 Response Version: HTTP/1.1
 Status Code: 304
 [Status Code Description: Not Modified]
 Response Phrase: Not Modified
Date: Fri, 13 Mar 2020 13:57:38 GMT\r\n\r\nServer: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/5.4.16 mod_perl/2.0.11 Perl/v5.16.3\r\n\r\nConnection: Keep-Alive\r\n\r\nKeep-Alive: timeout=5, max=100\r\n\r\nETag: "2ca-5a0b62a828d73"\r\n\r\n\r\n[HTTP response 1/2]
[Time since request: 0.124405963 seconds]
[Request in frame: 11]
[Next request in frame: 19]
[Next response in frame: 24]
[Request URI: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file4.html]
No. Time Source Destination Protocol Length Info
1.1 19 1.265844631 192.168.1.144 128.119.245.12 HTTP 519 GET /pearson.png HTTP/
Frame 19: 519 bytes on wire (4152 bits), 519 bytes captured (4152 bits) on interface 0
 Interface id: 0 (enp4s0f2)
 Interface name: enp4s0f2
 Encapsulation type: Ethernet (1)
 Arrival Time: Mar 13, 2020 15:57:38.705040224 EET
 [Time shift for this packet: 0.000000000 seconds]
 Epoch Time: 1584107858.705040224 seconds
 [Time delta from previous captured frame: 0.019802213 seconds]
 [Time delta from previous displayed frame: 0.042603893 seconds]
 [Time since reference or first frame: 1.265844631 seconds]
 Frame Number: 19
 Frame Length: 519 bytes (4152 bits)
 Capture Length: 519 bytes (4152 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: AsustekC_20:af:fb (30:85:a9:20:af:fb), Dst: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
 Destination: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
 Address: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
 0. = LG bit: Globally unique address (factory default)

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    .... 0 .... = IG bit: Individual address (unicast)
Source: AsustekC_20:af:fb (30:85:a9:20:af:fb)
Address: AsustekC_20:af:fb (30:85:a9:20:af:fb)
    .... 0 .... = LG bit: Globally unique address (factory default)
    .... 0 .... = IG bit: Individual address (unicast)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 192.168.1.144, Dst: 128.119.245.12
0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 505
Identification: 0x674f (26447)
Flags: 0x4000, Don't fragment
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x99f3 [validation disabled]
[Header checksum status: Unverified]
Source: 192.168.1.144
Destination: 128.119.245.12
Transmission Control Protocol, Src Port: 47750, Dst Port: 80, Seq: 497, Ack: 241, Len: 453
Source Port: 47750
Destination Port: 80
[Stream index: 2]
[TCP Segment Len: 453]
Sequence number: 497 (relative sequence number)
[Next sequence number: 950 (relative sequence number)]
Acknowledgment number: 241 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 501
[Calculated window size: 64128]
[Window size scaling factor: 128]
Checksum: 0xcd57 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 568477316, TSecr 3800352241
        Kind: Time Stamp Option (8)
        Length: 10
        Timestamp value: 568477316
        Timestamp echo reply: 3800352241
[SEQ/ACK analysis]
    [iRTT: 0.119328443 seconds]
    [Bytes in flight: 453]
    [Bytes sent since last PSH flag: 453]
[Timestamps]
    [Time since first frame in this TCP stream: 0.286986330 seconds]
    [Time since previous frame in this TCP stream: 0.042559373 seconds]
TCP payload (453 bytes)
Hypertext Transfer Protocol
GET /pearson.png HTTP/1.1\r\n
[Expert Info (Chat/Sequence): GET /pearson.png HTTP/1.1\r\n]
[GET /pearson.png HTTP/1.1\r\n]
[Severity level: Chat]
[Group: Sequence]
Request Method: GET
Request URI: /pearson.png
Request Version: HTTP/1.1
Host: gaia.cs.umass.edu\r\n
User-Agent: Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:74.0) Gecko/20100101 Firefox/74.0\r\n
Accept: image/webp, */*\r\n
Accept-Language: en-US,en;q=0.5\r\n
Accept-Encoding: gzip, deflate\r\n
DNT: 1\r\n
Connection: keep-alive\r\n
Referer: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file4.html\r\n
If-Modified-Since: Sat, 06 Aug 2016 10:08:14 GMT\r\n
If-None-Match: "cc3-539645c7f1ee7"\r\n
Cache-Control: max-age=0\r\n
\r\n
[Full request URI: http://gaia.cs.umass.edu/pearson.png]
[HTTP request 2/2]
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[Prev request in frame: 11]
[Response in frame: 24]
No.      Time            Source            Destination      Protocol Length Info
   23  1.387328882      192.168.1.144    128.119.245.12  HTTP      495    GET /~kurose/
cover_5th_ed.jpg HTTP/1.1
Frame 23: 495 bytes on wire (3960 bits), 495 bytes captured (3960 bits) on interface 0
  Interface id: 0 (enp4s0f2)
    Interface name: enp4s0f2
    Encapsulation type: Ethernet (1)
    Arrival Time: Mar 13, 2020 15:57:38.826524475 EET
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1584107858.826524475 seconds
    [Time delta from previous captured frame: 0.000380425 seconds]
    [Time delta from previous displayed frame: 0.121484251 seconds]
    [Time since reference or first frame: 1.387328882 seconds]
    Frame Number: 23
    Frame Length: 495 bytes (3960 bits)
    Capture Length: 495 bytes (3960 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: AsustekC_20:af:fb (30:85:a9:20:af:fb), Dst: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
    Destination: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
      Address: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
        .... ..0. .... = LG bit: Globally unique address (factory default)
        .... ..0. .... = IG bit: Individual address (unicast)
    Source: AsustekC_20:af:fb (30:85:a9:20:af:fb)
      Address: AsustekC_20:af:fb (30:85:a9:20:af:fb)
        .... ..0. .... = LG bit: Globally unique address (factory default)
        .... ..0. .... = IG bit: Individual address (unicast)
    Type: IPv4 (0x0800)
  Internet Protocol Version 4, Src: 192.168.1.144, Dst: 128.119.245.12
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 481
    Identification: 0x6fb5 (28597)
    Flags: 0x4000, Don't fragment
    Time to live: 64
    Protocol: TCP (6)
    Header checksum: 0x91a5 [validation disabled]
    [Header checksum status: Unverified]
    Source: 192.168.1.144
    Destination: 128.119.245.12
  Transmission Control Protocol, Src Port: 47752, Dst Port: 80, Seq: 1, Ack: 1, Len: 429
    Source Port: 47752
    Destination Port: 80
    [Stream index: 5]
    [TCP Segment Len: 429]
    Sequence number: 1 (relative sequence number)
    [Next sequence number: 430 (relative sequence number)]
    Acknowledgment number: 1 (relative ack number)
    1000 .... = Header Length: 32 bytes (8)
    Flags: 0x018 (PSH, ACK)
    Window size value: 502
    [Calculated window size: 64256]
    [Window size scaling factor: 128]
    Checksum: 0xf636 [unverified]
    [Checksum Status: Unverified]
    Urgent pointer: 0
    Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
      TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
      TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
      TCP Option - Timestamps: TSval 568477438, TSecr 3800352405
        Kind: Time Stamp Option (8)
        Length: 10
        Timestamp value: 568477438
        Timestamp echo reply: 3800352405
    [SEQ/ACK analysis]
      [iRTT: 0.119215434 seconds]
      [Bytes in flight: 429]
      [Bytes sent since last PSH flag: 429]
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[Timestamps]
[Time since first frame in this TCP stream: 0.119595859 seconds]
[Time since previous frame in this TCP stream: 0.000380425 seconds]
TCP payload (429 bytes)
Hypertext Transfer Protocol
GET /~kurose/cover_5th_ed.jpg HTTP/1.1\r\n
[Expert Info (Chat/Sequence): GET /~kurose/cover_5th_ed.jpg HTTP/1.1\r\n]
[GET /~kurose/cover_5th_ed.jpg HTTP/1.1\r\n]
[Severity level: Chat]
[Group: Sequence]
Request Method: GET
Request URI: /~kurose/cover_5th_ed.jpg
Request Version: HTTP/1.1
Host: manic.cs.umass.edu\r\n
User-Agent: Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:74.0) Gecko/20100101 Firefox/74.0\r\n
Accept: image/webp,*/*\r\n
Accept-Language: en-US,en;q=0.5\r\n
Accept-Encoding: gzip, deflate\r\n
DNT: 1\r\n
Connection: keep-alive\r\n
Referer: http://gaia.cs.umass.edu/\r\n
If-Modified-Since: Tue, 15 Sep 2009 18:23:27 GMT\r\n
If-None-Match: "18a68-473a1e0e6e5c0"\r\n
Cache-Control: max-age=0\r\n
\r\n
[Full request URI: http://manic.cs.umass.edu/~kurose/cover_5th_ed.jpg]
[HTTP request 1/1]
[Response in frame: 27]

No.	Time	Source	Destination	Protocol	Length	Info
24	1.389128661	128.119.245.12	192.168.1.144	HTTP	305	HTTP/1.1 304 Not Modified

Frame 24: 305 bytes on wire (2440 bits), 305 bytes captured (2440 bits) on interface 0
Interface id: 0 (enp4s0f2)
Interface name: enp4s0f2
Encapsulation type: Ethernet (1)
Arrival Time: Mar 13, 2020 15:57:38.828324254 EET
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1584107858.828324254 seconds
[Time delta from previous captured frame: 0.001799779 seconds]
[Time delta from previous displayed frame: 0.001799779 seconds]
[Time since reference or first frame: 1.389128661 seconds]
Frame Number: 24
Frame Length: 305 bytes (2440 bits)
Capture Length: 305 bytes (2440 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: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49), Dst: AsustekC_20:af:fb (30:85:a9:20:af:fb)
Destination: AsustekC_20:af:fb (30:85:a9:20:af:fb)
Address: AsustekC_20:af:fb (30:85:a9:20:af:fb)
.... ..0. = LG bit: Globally unique address (factory default)
.... ..0. = IG bit: Individual address (unicast)
Source: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
Address: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
.... ..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: 192.168.1.144
0100 = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 291
Identification: 0x91fa (37370)
Flags: 0x4000, Don't fragment
Time to live: 48
Protocol: TCP (6)
Header checksum: 0x801e [validation disabled]
[Header checksum status: Unverified]
Source: 128.119.245.12
Destination: 192.168.1.144
Transmission Control Protocol, Src Port: 80, Dst Port: 47750, Seq: 241, Ack: 950, Len: 239
Source Port: 80
Destination Port: 47750
[Stream index: 2]

[TCP Segment Len: 239]
Sequence number: 241 (relative sequence number)
[Next sequence number: 480 (relative sequence number)]
Acknowledgment number: 950 (relative ack number)
1000 = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 243
[Calculated window size: 31104]
[Window size scaling factor: 128]
Checksum: 0x6242 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
 TCP Option - No-Operation (NOP)
 Kind: No-Operation (1)
 TCP Option - No-Operation (NOP)
 Kind: No-Operation (1)
 TCP Option - Timestamps: TSval 3800352407, TSecr 568477316
 Kind: Time Stamp Option (8)
 Length: 10
 Timestamp value: 3800352407
 Timestamp echo reply: 568477316
[SEQ/ACK analysis]
 [This is an ACK to the segment in frame: 19]
 [The RTT to ACK the segment was: 0.123284030 seconds]
 [iRTT: 0.119328443 seconds]
 [Bytes in flight: 239]
 [Bytes sent since last PSH flag: 239]
[Timestamps]
 [Time since first frame in this TCP stream: 0.410270360 seconds]
 [Time since previous frame in this TCP stream: 0.123284030 seconds]
TCP payload (239 bytes)
Hypertext Transfer Protocol
 HTTP/1.1 304 Not Modified\r\n
 [Expert Info (Chat/Sequence): HTTP/1.1 304 Not Modified\r\n\r\n]
 [HTTP/1.1 304 Not Modified\r\n\r\n]
 [Severity level: Chat]
 [Group: Sequence]
 Response Version: HTTP/1.1
 Status Code: 304
 [Status Code Description: Not Modified]
 Response Phrase: Not Modified
 Date: Fri, 13 Mar 2020 13:57:38 GMT\r\n\r\n
 Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/5.4.16 mod_perl/2.0.11 Perl/v5.16.3\r\n\r\n
 Connection: Keep-Alive\r\n\r\n
 Keep-Alive: timeout=5, max=99\r\n\r\n
 ETag: "cc3-539645c7f1ee7"\r\n\r\n
 \r\n\r\n
 [HTTP response 2/2]
 [Time since request: 0.123284030 seconds]
 [Prev request in frame: 11]
 [Prev response in frame: 13]
 [Request in frame: 19]
 [Request URI: http://gaia.cs.umass.edu/pearson.png]

No.	Time	Source	Destination	Protocol	Length	Info
27	1.516270488	128.119.245.12	192.168.1.144	HTTP	308	HTTP/1.1 304 Not Modified

Frame 27: 308 bytes on wire (2464 bits), 308 bytes captured (2464 bits) on interface 0
 Interface id: 0 (enp4s0f2)
 Interface name: enp4s0f2
 Encapsulation type: Ethernet (1)
 Arrival Time: Mar 13, 2020 15:57:38.955466081 EET
 [Time shift for this packet: 0.000000000 seconds]
 Epoch Time: 1584107858.955466081 seconds
 [Time delta from previous captured frame: 0.009792182 seconds]
 [Time delta from previous displayed frame: 0.127141827 seconds]
 [Time since reference or first frame: 1.516270488 seconds]
 Frame Number: 27
 Frame Length: 308 bytes (2464 bits)
 Capture Length: 308 bytes (2464 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: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49), Dst: AsustekC_20:af:fb (30:85:a9:20:af:fb)

```
Destination: AsustekC_20:af:fb (30:85:a9:20:af:fb)
Address: AsustekC_20:af:fb (30:85:a9:20:af:fb)
.... ..0. .... = LG bit: Globally unique address (factory default)
.... ..0. .... = IG bit: Individual address (unicast)
Source: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
Address: 44:8a:5d:9f:a6:49 (44:8a:5d:9f:a6:49)
.... ..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: 192.168.1.144
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 294
Identification: 0x8b9a (35738)
Flags: 0x4000, Don't fragment
Time to live: 48
Protocol: TCP (6)
Header checksum: 0x867b [validation disabled]
[Header checksum status: Unverified]
Source: 128.119.245.12
Destination: 192.168.1.144
Transmission Control Protocol, Src Port: 80, Dst Port: 47752, Seq: 1, Ack: 430, Len: 242
Source Port: 80
Destination Port: 47752
[Stream index: 5]
[TCP Segment Len: 242]
Sequence number: 1 (relative sequence number)
[Next sequence number: 243 (relative sequence number)]
Acknowledgment number: 430 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 235
[Calculated window size: 30080]
[Window size scaling factor: 128]
Checksum: 0x4c07 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 3800352534, TSecr 568477438
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 3800352534
    Timestamp echo reply: 568477438
[SEQ/ACK analysis]
  [iRTT: 0.119215434 seconds]
  [Bytes in flight: 242]
  [Bytes sent since last PSH flag: 242]
[Timestamps]
  [Time since first frame in this TCP stream: 0.248537465 seconds]
  [Time since previous frame in this TCP stream: 0.009792182 seconds]
TCP payload (242 bytes)
Hypertext Transfer Protocol
HTTP/1.1 304 Not Modified\r\n
  [Expert Info (Chat/Sequence): HTTP/1.1 304 Not Modified\r\n]
  [HTTP/1.1 304 Not Modified\r\n]
  [Severity level: Chat]
  [Group: Sequence]
Response Version: HTTP/1.1
Status Code: 304
[Status Code Description: Not Modified]
Response Phrase: Not Modified
Date: Fri, 13 Mar 2020 13:57:38 GMT\r\n
Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/5.4.16 mod_perl/2.0.11 Perl/v5.16.3\r\n
Connection: Keep-Alive\r\n
Keep-Alive: timeout=5, max=100\r\n
ETag: "18a68-473a1e0e6e5c0"\r\n
\r\n
[HTTP response 1/1]
[Time since request: 0.128941606 seconds]
[Request in frame: 23]
[Request URI: http://manic.cs.umass.edu/~kurose/cover_5th_ed.jpg]
```