```
    342 26.573874      155.4.140.82          128.119.245.12        HTTP     394    GET /wireshark-labs/HTTP-wireshark-file2.html HTTP/
1.1
Frame 342: 394 bytes on wire (3152 bits), 394 bytes captured (3152 bits) on interface 0
    Interface id: 0 (\Device\NPF_{FC2C61BE-0450-42D9-A76B-6E3FEC9C68A9})
    Encapsulation type: Ethernet (1)
    Arrival Time: Apr 11, 2018 01:30:04.043463000 Västeuropa, sommartid
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1523403004.043463000 seconds
    [Time delta from previous captured frame: 0.006175000 seconds]
    [Time delta from previous displayed frame: 0.000000000 seconds]
    [Time since reference or first frame: 26.573874000 seconds]
    Frame Number: 342
    Frame Length: 394 bytes (3152 bits)
    Capture Length: 394 bytes (3152 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_72:3f:a6 (2c:56:dc:72:3f:a6), Dst: Cisco_ff:e8:3f (00:a2:ee:ff:e8:3f)
    Destination: Cisco_ff:e8:3f (00:a2:ee:ff:e8:3f)
    Source: AsustekC_72:3f:a6 (2c:56:dc:72:3f:a6)
    Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 155.4.140.82, 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: 380
    Identification: 0x24f7 (9463)
    Flags: 0x02 (Don't Fragment)
    Fragment offset: 0
    Time to live: 128
    Protocol: TCP (6)
    Header checksum: 0x0000 [validation disabled]
    [Header checksum status: Unverified]
    Source: 155.4.140.82
    Destination: 128.119.245.12
    [Source GeoIP: Unknown]
    [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 59451, Dst Port: 80, Seq: 1, Ack: 1, Len: 340
    Source Port: 59451
    Destination Port: 80
    [Stream index: 23]
    [TCP Segment Len: 340]
    Sequence number: 1    (relative sequence number)
    [Next sequence number: 341    (relative sequence number)]
    Acknowledgment number: 1    (relative ack number)
    0101 .... = Header Length: 20 bytes (5)
    Flags: 0x018 (PSH, ACK)
    Window size value: 1024
    [Calculated window size: 262144]
    [Window size scaling factor: 256]
    Checksum: 0x9e49 [unverified]
    [Checksum Status: Unverified]
    Urgent pointer: 0
    [SEQ/ACK analysis]
    TCP payload (340 bytes)
Hypertext Transfer Protocol
    GET /wireshark-labs/HTTP-wireshark-file2.html HTTP/1.1\r\n
    Accept: text/html, application/xhtml+xml, image/jxr, */*\r\n
    Accept-Language: sv-SE,sv;q=0.8,en-US;q=0.5,en;q=0.3\r\n
    User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64; Trident/7.0; ASTE; rv:11.0) like Gecko\r\n
    Accept-Encoding: gzip, deflate\r\n
    Host: gaia.cs.umass.edu\r\n
    Connection: Keep-Alive\r\n
    \r\n
    [Full request URI: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file2.html]
    [HTTP request 1/1]
    [Response in frame: 347]
    347 26.712692      128.119.245.12        155.4.140.82          HTTP     784    HTTP/1.1 200 OK  (text/html)
Frame 347: 784 bytes on wire (6272 bits), 784 bytes captured (6272 bits) on interface 0
    Interface id: 0 (\Device\NPF_{FC2C61BE-0450-42D9-A76B-6E3FEC9C68A9})
    Encapsulation type: Ethernet (1)
    Arrival Time: Apr 11, 2018 01:30:04.182281000 Västeuropa, sommartid
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1523403004.182281000 seconds
    [Time delta from previous captured frame: 0.000490000 seconds]
    [Time delta from previous displayed frame: 0.138818000 seconds]
    [Time since reference or first frame: 26.712692000 seconds]
    Frame Number: 347
```

```
    Frame Length: 784 bytes (6272 bits)
    Capture Length: 784 bytes (6272 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_ff:e8:3f (00:a2:ee:ff:e8:3f), Dst: AsustekC_72:3f:a6 (2c:56:dc:72:3f:a6)
    Destination: AsustekC_72:3f:a6 (2c:56:dc:72:3f:a6)
    Source: Cisco_ff:e8:3f (00:a2:ee:ff:e8:3f)
    Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 155.4.140.82
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 770
    Identification: 0x2565 (9573)
    Flags: 0x02 (Don't Fragment)
    Fragment offset: 0
    Time to live: 43
    Protocol: TCP (6)
    Header checksum: 0x8ab6 [validation disabled]
    [Header checksum status: Unverified]
    Source: 128.119.245.12
    Destination: 155.4.140.82
    [Source GeoIP: Unknown]
    [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 80, Dst Port: 59451, Seq: 1, Ack: 341, Len: 730
    Source Port: 80
    Destination Port: 59451
    [Stream index: 23]
    [TCP Segment Len: 730]
    Sequence number: 1    (relative sequence number)
    [Next sequence number: 731    (relative sequence number)]
    Acknowledgment number: 341    (relative ack number)
    0101 .... = Header Length: 20 bytes (5)
    Flags: 0x018 (PSH, ACK)
    Window size value: 237
    [Calculated window size: 30336]
    [Window size scaling factor: 128]
    Checksum: 0x8a2b [unverified]
    [Checksum Status: Unverified]
    Urgent pointer: 0
    [SEQ/ACK analysis]
    TCP payload (730 bytes)
Hypertext Transfer Protocol
    HTTP/1.1 200 OK\r\n
    Date: Tue, 10 Apr 2018 23:30:06 GMT\r\n
    Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/5.4.16 mod_perl/2.0.10 Perl/v5.16.3\r\n
    Last-Modified: Tue, 10 Apr 2018 05:59:01 GMT\r\n
    ETag: "173-56978381c9cc4"\r\n
    Accept-Ranges: bytes\r\n
    Content-Length: 371\r\n
    Keep-Alive: timeout=5, max=100\r\n
    Connection: Keep-Alive\r\n
    Content-Type: text/html; charset=UTF-8\r\n
    \r\n
    [HTTP response 1/1]
    [Time since request: 0.138818000 seconds]
    [Request in frame: 342]
    File Data: 371 bytes
Line-based text data: text/html
   1197 95.784659      155.4.140.82          128.119.245.12        HTTP     480    GET /wireshark-labs/HTTP-wireshark-file2.html HTTP/
1.1
Frame 1197: 480 bytes on wire (3840 bits), 480 bytes captured (3840 bits) on interface 0
    Interface id: 0 (\Device\NPF_{FC2C61BE-0450-42D9-A76B-6E3FEC9C68A9})
    Encapsulation type: Ethernet (1)
    Arrival Time: Apr 11, 2018 01:31:13.254248000 Västeuropa, sommartid
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1523403073.254248000 seconds
    [Time delta from previous captured frame: 0.006271000 seconds]
    [Time delta from previous displayed frame: 69.071967000 seconds]
    [Time since reference or first frame: 95.784659000 seconds]
    Frame Number: 1197
    Frame Length: 480 bytes (3840 bits)
    Capture Length: 480 bytes (3840 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_72:3f:a6 (2c:56:dc:72:3f:a6), Dst: Cisco_ff:e8:3f (00:a2:ee:ff:e8:3f)
    Destination: Cisco_ff:e8:3f (00:a2:ee:ff:e8:3f)
    Source: AsustekC_72:3f:a6 (2c:56:dc:72:3f:a6)
    Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 155.4.140.82, 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: 466
    Identification: 0x2505 (9477)
    Flags: 0x02 (Don't Fragment)
    Fragment offset: 0
    Time to live: 128
    Protocol: TCP (6)
    Header checksum: 0x0000 [validation disabled]
    [Header checksum status: Unverified]
    Source: 155.4.140.82
    Destination: 128.119.245.12
    [Source GeoIP: Unknown]
    [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 59460, Dst Port: 80, Seq: 1, Ack: 1, Len: 426
    Source Port: 59460
    Destination Port: 80
    [Stream index: 50]
    [TCP Segment Len: 426]
    Sequence number: 1    (relative sequence number)
    [Next sequence number: 427    (relative sequence number)]
    Acknowledgment number: 1    (relative ack number)
    0101 .... = Header Length: 20 bytes (5)
    Flags: 0x018 (PSH, ACK)
    Window size value: 1024
    [Calculated window size: 262144]
    [Window size scaling factor: 256]
    Checksum: 0x9e9f [unverified]
    [Checksum Status: Unverified]
    Urgent pointer: 0
    [SEQ/ACK analysis]
    TCP payload (426 bytes)
Hypertext Transfer Protocol
    GET /wireshark-labs/HTTP-wireshark-file2.html HTTP/1.1\r\n
    Accept: text/html, application/xhtml+xml, image/jxr, */*\r\n
    Accept-Language: sv-SE,sv;q=0.8,en-US;q=0.5,en;q=0.3\r\n
    User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64; Trident/7.0; ASTE; rv:11.0) like Gecko\r\n
    Accept-Encoding: gzip, deflate\r\n
    Host: gaia.cs.umass.edu\r\n
    If-Modified-Since: Tue, 10 Apr 2018 05:59:01 GMT\r\n
    If-None-Match: "173-56978381c9cc4"\r\n
    Connection: Keep-Alive\r\n
    \r\n
    [Full request URI: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file2.html]
    [HTTP request 1/1]
    [Response in frame: 1199]
   1199 95.908674      128.119.245.12        155.4.140.82          HTTP     294    HTTP/1.1 304 Not Modified
Frame 1199: 294 bytes on wire (2352 bits), 294 bytes captured (2352 bits) on interface 0
    Interface id: 0 (\Device\NPF_{FC2C61BE-0450-42D9-A76B-6E3FEC9C68A9})
    Encapsulation type: Ethernet (1)
    Arrival Time: Apr 11, 2018 01:31:13.378263000 Västeuropa, sommartid
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1523403073.378263000 seconds
    [Time delta from previous captured frame: 0.000001000 seconds]
    [Time delta from previous displayed frame: 0.124015000 seconds]
    [Time since reference or first frame: 95.908674000 seconds]
    Frame Number: 1199
    Frame Length: 294 bytes (2352 bits)
    Capture Length: 294 bytes (2352 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: Cisco_ff:e8:3f (00:a2:ee:ff:e8:3f), Dst: AsustekC_72:3f:a6 (2c:56:dc:72:3f:a6)
    Destination: AsustekC_72:3f:a6 (2c:56:dc:72:3f:a6)
    Source: Cisco_ff:e8:3f (00:a2:ee:ff:e8:3f)
    Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 155.4.140.82
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    Total Length: 280
```

```
    Identification: 0xcd42 (52546)
    Flags: 0x02 (Don't Fragment)
    Fragment offset: 0
    Time to live: 44
    Protocol: TCP (6)
    Header checksum: 0xe3c2 [validation disabled]
    [Header checksum status: Unverified]
    Source: 128.119.245.12
    Destination: 155.4.140.82
    [Source GeoIP: Unknown]
    [Destination GeoIP: Unknown]
Transmission Control Protocol, Src Port: 80, Dst Port: 59460, Seq: 1, Ack: 427, Len: 240
    Source Port: 80
    Destination Port: 59460
    [Stream index: 50]
    [TCP Segment Len: 240]
    Sequence number: 1    (relative sequence number)
    [Next sequence number: 241    (relative sequence number)]
    Acknowledgment number: 427    (relative ack number)
    0101 .... = Header Length: 20 bytes (5)
    Flags: 0x018 (PSH, ACK)
    Window size value: 237
    [Calculated window size: 30336]
    [Window size scaling factor: 128]
    Checksum: 0x6b13 [unverified]
    [Checksum Status: Unverified]
    Urgent pointer: 0
    [SEQ/ACK analysis]
    TCP payload (240 bytes)
Hypertext Transfer Protocol
    HTTP/1.1 304 Not Modified\r\n
    Date: Tue, 10 Apr 2018 23:31:15 GMT\r\n
    Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/5.4.16 mod_perl/2.0.10 Perl/v5.16.3\r\n
    Connection: Keep-Alive\r\n
    Keep-Alive: timeout=5, max=100\r\n
    ETag: "173-56978381c9cc4"\r\n
    \r\n
    [HTTP response 1/1]
    [Time since request: 0.124015000 seconds]
    [Request in frame: 1197]
```