```
No.     Time           Source                Destination           Protocol Length Info
     31 2.815267       192.168.0.105         128.119.245.12        HTTP     549    GET /wireshark-labs/HTTP-wireshark-file4.html
HTTP/1.1
Frame 31: 549 bytes on wire (4392 bits), 549 bytes captured (4392 bits) on interface \Device\NPF_{9D660822-84B8-4442-BBBD-
DC94F642EC7A}, id 0
Ethernet II, Src: IntelCor_e5:52:a4 (68:07:15:e5:52:a4), Dst: Tp-LinkT_01:31:68 (84:16:f9:01:31:68)
Internet Protocol Version 4, Src: 192.168.0.105, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 61503, Dst Port: 80, Seq: 1, Ack: 1, Len: 495
    Source Port: 61503
    Destination Port: 80
    [Stream index: 4]
    [TCP Segment Len: 495]
    Sequence number: 1    (relative sequence number)
    Sequence number (raw): 2082198239
    [Next sequence number: 496    (relative sequence number)]
    Acknowledgment number: 1    (relative ack number)
    Acknowledgment number (raw): 2126549860
    0101 .... = Header Length: 20 bytes (5)
    Flags: 0x018 (PSH, ACK)
    Window size value: 513
    [Calculated window size: 131328]
    [Window size scaling factor: 256]
    Checksum: 0x71e7 [unverified]
    [Checksum Status: Unverified]
    Urgent pointer: 0
    [SEQ/ACK analysis]
    [Timestamps]
    TCP payload (495 bytes)
Hypertext Transfer Protocol
    GET /wireshark-labs/HTTP-wireshark-file4.html HTTP/1.1\r\n
    Host: gaia.cs.umass.edu\r\n
    User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64; rv:68.0) Gecko/20100101 Firefox/68.0\r\n
    Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8\r\n
    Accept-Language: ru-RU,ru;q=0.8,en-US;q=0.5,en;q=0.3\r\n
    Accept-Encoding: gzip, deflate\r\n
    Connection: keep-alive\r\n
    Upgrade-Insecure-Requests: 1\r\n
    If-Modified-Since: Fri, 12 Jun 2020 05:59:02 GMT\r\n
    If-None-Match: "2ca-5a7dcc624429b"\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 1/1]
    [Response in frame: 42]
```

```
No.     Time           Source                Destination           Protocol Length Info
     42 2.942817       128.119.245.12        192.168.0.105         HTTP     293    HTTP/1.1 304 Not Modified
Frame 42: 293 bytes on wire (2344 bits), 293 bytes captured (2344 bits) on interface \Device\NPF_{9D660822-84B8-4442-BBBD-
DC94F642EC7A}, id 0
Ethernet II, Src: Tp-LinkT_01:31:68 (84:16:f9:01:31:68), Dst: IntelCor_e5:52:a4 (68:07:15:e5:52:a4)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.0.105
Transmission Control Protocol, Src Port: 80, Dst Port: 61503, Seq: 1, Ack: 496, Len: 239
    Source Port: 80
    Destination Port: 61503
    [Stream index: 4]
    [TCP Segment Len: 239]
    Sequence number: 1    (relative sequence number)
    Sequence number (raw): 2126549860
    [Next sequence number: 240    (relative sequence number)]
    Acknowledgment number: 496    (relative ack number)
    Acknowledgment number (raw): 2082198734
    0101 .... = Header Length: 20 bytes (5)
    Flags: 0x018 (PSH, ACK)
    Window size value: 237
    [Calculated window size: 30336]
    [Window size scaling factor: 128]
    Checksum: 0x55c6 [unverified]
    [Checksum Status: Unverified]
    Urgent pointer: 0
    [SEQ/ACK analysis]
    [Timestamps]
    TCP payload (239 bytes)
Hypertext Transfer Protocol
    HTTP/1.1 304 Not Modified\r\n
    Date: Fri, 12 Jun 2020 12:24:42 GMT\r\n
    Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.6 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: "2ca-5a7dcc624429b"\r\n
    \r\n
    [HTTP response 1/1]
    [Time since request: 0.127550000 seconds]
    [Request in frame: 31]
    [Request URI: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file4.html]
```

```
No.      Time           Source              Destination         Protocol Length Info
     43 2.961487       192.168.0.105       128.119.245.12      HTTP     517    GET /pearson.png HTTP/1.1
Frame 43: 517 bytes on wire (4136 bits), 517 bytes captured (4136 bits) on interface \Device\NPF_{9D660822-84B8-4442-BBBD-
DC94F642EC7A}, id 0
Ethernet II, Src: IntelCor_e5:52:a4 (68:07:15:e5:52:a4), Dst: Tp-LinkT_01:31:68 (84:16:f9:01:31:68)
Internet Protocol Version 4, Src: 192.168.0.105, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 61505, Dst Port: 80, Seq: 1, Ack: 1, Len: 463
    Source Port: 61505
    Destination Port: 80
    [Stream index: 6]
    [TCP Segment Len: 463]
    Sequence number: 1     (relative sequence number)
    Sequence number (raw): 968381072
    [Next sequence number: 464     (relative sequence number)]
    Acknowledgment number: 1     (relative ack number)
    Acknowledgment number (raw): 2275248966
    0101 .... = Header Length: 20 bytes (5)
    Flags: 0x018 (PSH, ACK)
    Window size value: 513
    [Calculated window size: 131328]
    [Window size scaling factor: 256]
    Checksum: 0x7c5a [unverified]
    [Checksum Status: Unverified]
    Urgent pointer: 0
    [SEQ/ACK analysis]
    [Timestamps]
    TCP payload (463 bytes)
Hypertext Transfer Protocol
    GET /pearson.png HTTP/1.1\r\n
    Host: gaia.cs.umass.edu\r\n
    User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64; rv:68.0) Gecko/20100101 Firefox/68.0\r\n
    Accept: image/webp,*/*\r\n
    Accept-Language: ru-RU,ru;q=0.8,en-US;q=0.5,en;q=0.3\r\n
    Accept-Encoding: gzip, deflate\r\n
    Referer: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file4.html\r\n
    Connection: keep-alive\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 1/1]
    [Response in frame: 50]
```

```
No.     Time           Source                Destination          Protocol Length Info
    47 2.995671      192.168.0.105         128.119.245.12       HTTP     533    GET /~kurose/cover_5th_ed.jpg HTTP/1.1
Frame 47: 533 bytes on wire (4264 bits), 533 bytes captured (4264 bits) on interface \Device\NPF_{9D660822-84B8-4442-BBBD-
DC94F642EC7A}, id 0
Ethernet II, Src: IntelCor_e5:52:a4 (68:07:15:e5:52:a4), Dst: Tp-LinkT_01:31:68 (84:16:f9:01:31:68)
Internet Protocol Version 4, Src: 192.168.0.105, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 61504, Dst Port: 80, Seq: 1, Ack: 1, Len: 479
    Source Port: 61504
    Destination Port: 80
    [Stream index: 5]
    [TCP Segment Len: 479]
    Sequence number: 1    (relative sequence number)
    Sequence number (raw): 1148857087
    [Next sequence number: 480    (relative sequence number)]
    Acknowledgment number: 1    (relative ack number)
    Acknowledgment number (raw): 2604839228
    0101 .... = Header Length: 20 bytes (5)
    Flags: 0x018 (PSH, ACK)
    Window size value: 513
    [Calculated window size: 131328]
    [Window size scaling factor: 256]
    Checksum: 0x5f8c [unverified]
    [Checksum Status: Unverified]
    Urgent pointer: 0
    [SEQ/ACK analysis]
    [Timestamps]
    TCP payload (479 bytes)
Hypertext Transfer Protocol
    GET /~kurose/cover_5th_ed.jpg HTTP/1.1\r\n
    Host: manic.cs.umass.edu\r\n
    User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64; rv:68.0) Gecko/20100101 Firefox/68.0\r\n
    Accept: image/webp,*/*\r\n
    Accept-Language: ru-RU,ru;q=0.8,en-US;q=0.5,en;q=0.3\r\n
    Accept-Encoding: gzip, deflate\r\n
    Referer: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file4.html\r\n
    Connection: keep-alive\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: 55]
```

```
No.     Time            Source              Destination        Protocol Length Info
     50 3.084777        128.119.245.12      192.168.0.105       HTTP     293    HTTP/1.1 304 Not Modified
Frame 50: 293 bytes on wire (2344 bits), 293 bytes captured (2344 bits) on interface \Device\NPF_{9D660822-84B8-4442-BBBD-
DC94F642EC7A}, id 0
Ethernet II, Src: Tp-LinkT_01:31:68 (84:16:f9:01:31:68), Dst: IntelCor_e5:52:a4 (68:07:15:e5:52:a4)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.0.105
Transmission Control Protocol, Src Port: 80, Dst Port: 61505, Seq: 1, Ack: 464, Len: 239
    Source Port: 80
    Destination Port: 61505
    [Stream index: 6]
    [TCP Segment Len: 239]
    Sequence number: 1    (relative sequence number)
    Sequence number (raw): 2275248966
    [Next sequence number: 240    (relative sequence number)]
    Acknowledgment number: 464    (relative ack number)
    Acknowledgment number (raw): 968381535
    0101 .... = Header Length: 20 bytes (5)
    Flags: 0x018 (PSH, ACK)
    Window size value: 237
    [Calculated window size: 30336]
    [Window size scaling factor: 128]
    Checksum: 0x739b [unverified]
    [Checksum Status: Unverified]
    Urgent pointer: 0
    [SEQ/ACK analysis]
    [Timestamps]
    TCP payload (239 bytes)
Hypertext Transfer Protocol
    HTTP/1.1 304 Not Modified\r\n
    Date: Fri, 12 Jun 2020 12:24:42 GMT\r\n
    Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.6 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: "cc3-539645c7f1ee7"\r\n
    \r\n
    [HTTP response 1/1]
    [Time since request: 0.123290000 seconds]
    [Request in frame: 43]
    [Request URI: http://gaia.cs.umass.edu/pearson.png]
```

```
No.     Time            Source               Destination          Protocol Length Info
    55 3.303110        128.119.245.12       192.168.0.105        HTTP     295    HTTP/1.1 304 Not Modified
Frame 55: 295 bytes on wire (2360 bits), 295 bytes captured (2360 bits) on interface \Device\NPF_{9D660822-84B8-4442-BBBD-
DC94F642EC7A}, id 0
Ethernet II, Src: Tp-LinkT_01:31:68 (84:16:f9:01:31:68), Dst: IntelCor_e5:52:a4 (68:07:15:e5:52:a4)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.0.105
Transmission Control Protocol, Src Port: 80, Dst Port: 61504, Seq: 1, Ack: 480, Len: 241
    Source Port: 80
    Destination Port: 61504
    [Stream index: 5]
    [TCP Segment Len: 241]
    Sequence number: 1    (relative sequence number)
    Sequence number (raw): 2604839228
    [Next sequence number: 242    (relative sequence number)]
    Acknowledgment number: 480    (relative ack number)
    Acknowledgment number (raw): 1148857566
    0101 .... = Header Length: 20 bytes (5)
    Flags: 0x018 (PSH, ACK)
    Window size value: 237
    [Calculated window size: 30336]
    [Window size scaling factor: 128]
    Checksum: 0x8d2d [unverified]
    [Checksum Status: Unverified]
    Urgent pointer: 0
    [SEQ/ACK analysis]
    [Timestamps]
    TCP payload (241 bytes)
Hypertext Transfer Protocol
    HTTP/1.1 304 Not Modified\r\n
    Date: Fri, 12 Jun 2020 12:24:42 GMT\r\n
    Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.6 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: 0.307439000 seconds]
    [Request in frame: 47]
    [Request URI: http://manic.cs.umass.edu/~kurose/cover_5th_ed.jpg]
```