```
No.
        Time
                           Source
                                                 Destination
                                                                        Protocol Length Info
   3962 12:52:49.474207
                                                                                 532
                           192.168.101.100
                                                 128.119.245.12
                                                                        HTTP
                                                                                        GET /
wireshark-labs/HTTP-wireshark-file4.html HTTP/1.1
Frame 3962: 532 bytes on wire (4256 bits), 532 bytes captured (4256 bits) on interface en0, id
Ethernet II, Src: Apple 96:a0:c6 (f8:4d:89:96:a0:c6), Dst: Routerboardc 70:26:52 (dc:2c:6e:
70:26:52)
Internet Protocol Version 4, Src: 192.168.101.100, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 62291, Dst Port: 80, Seq: 1, Ack: 1, Len: 478
Hypertext Transfer Protocol
    GET /wireshark-labs/HTTP-wireshark-file4.html HTTP/1.1\r\n
    Host: gaia.cs.umass.edu\r\n
    Connection: keep-alive\r\n
    Upgrade-Insecure-Requests: 1\r\n
    User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like
Gecko) Chrome/126.0.0.0 Safari/537.36\r\n
    Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/
apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7\r\n
    Accept-Encoding: gzip, deflate\r\n
    Accept-Language: en-US,en;q=0.9\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: 4125]
    [Next request in frame: 4127]
No.
        Time
                                                                        Protocol Length Info
                           Source
                                                 Destination
   4125 12:52:49.737971
                                                 192.168.101.100
                                                                        HTTP
                           128.119.245.12
                                                                                 1355
                                                                                        HTTP/1.1
200 OK (text/html)
Frame 4125: 1355 bytes on wire (10840 bits), 1355 bytes captured (10840 bits) on interface en0,
Ethernet II, Src: Routerboardc_70:26:52 (dc:2c:6e:70:26:52), Dst: Apple_96:a0:c6 (f8:4d:
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.101.100
Transmission Control Protocol, Src Port: 80, Dst Port: 62291, Seq: 1, Ack: 479, Len: 1301
Hypertext Transfer Protocol
    HTTP/1.1 200 OK\r\n
    Date: Thu, 25 Jul 2024 10:52:49 GMT\r\n
    Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.33 mod_perl/2.0.11 Perl/
v5.16.3\r\n
    Last-Modified: Thu, 25 Jul 2024 05:59:01 GMT\r\n
    ETag: "3ae-61e0c176b94db"\r\n
    Accept-Ranges: bytes\r\n
    Content-Length: 942\r\n
    Keep-Alive: timeout=5, max=100\r\n
    Connection: Keep-Alive\r\n
    Content-Type: text/html; charset=UTF-8\r\n
    [HTTP response 1/2]
    [Time since request: 0.263764000 seconds]
    [Request in frame: 3962]
    [Next request in frame: 4127]
    [Next response in frame: 4265]
    [Request URI: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file4.html]
    File Data: 942 bytes
Line-based text data: text/html (23 lines)
        Time
                                                 Destination
                                                                        Protocol Length Info
                           Source
   4127 12:52:49.751971
                           192.168.101.100
                                                 128.119.245.12
                                                                        HTTP
                                                                                 478
                                                                                        GET /
pearson.png HTTP/1.1
Frame 4127: 478 bytes on wire (3824 bits), 478 bytes captured (3824 bits) on interface en0, id
Ethernet II, Src: Apple_96:a0:c6 (f8:4d:89:96:a0:c6), Dst: Routerboardc_70:26:52 (dc:2c:6e:
Internet Protocol Version 4, Src: 192.168.101.100, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 62291, Dst Port: 80, Seq: 479, Ack: 1302, Len: 424
Hypertext Transfer Protocol
```

GET /pearson.png HTTP/1.1\r\n

```
Host: gaia.cs.umass.edu\r\n
    Connection: keep-alive\r\n
    User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like
Gecko) Chrome/126.0.0.0 Safari/537.36\r\n
    Accept: image/avif,image/webp,image/apng,image/svg+xml,image/*,*/*;q=0.8\r\n
    Referer: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file4.html\r\n
    Accept-Encoding: gzip, deflate\r\n
    Accept-Language: en-US,en;q=0.9\r\n
    \r\n
    [Full request URI: http://gaia.cs.umass.edu/pearson.png]
    [HTTP request 2/2]
    [Prev request in frame: 3962]
    [Response in frame: 4265]
No.
        Time
                           Source
                                                  Destination
                                                                        Protocol Length Info
   4255 12:52:49.925355
                           192.168.101.100
                                                  178.79.137.164
                                                                        HTTP
                                                                                 457
                                                                                        GET /
8E_cover_small.jpg HTTP/1.1
Frame 4255: 457 bytes on wire (3656 bits), 457 bytes captured (3656 bits) on interface en0, id
Ethernet II, Src: Apple_96:a0:c6 (f8:4d:89:96:a0:c6), Dst: Routerboardc_70:26:52 (dc:2c:6e:
70:26:52)
Internet Protocol Version 4, Src: 192.168.101.100, Dst: 178.79.137.164
Transmission Control Protocol, Src Port: 62294, Dst Port: 80, Seq: 1, Ack: 1, Len: 391
Hypertext Transfer Protocol
    GET /8E_cover_small.jpg HTTP/1.1\r\n
    Host: kurose.cslash.net\r\n
    Connection: keep-alive\r\n
    User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like
Gecko) Chrome/126.0.0.0 Safari/537.36\r\n
    Accept: image/avif,image/webp,image/apng,image/svg+xml,image/*,*/*;q=0.8\r\n
    Referer: http://gaia.cs.umass.edu/\r\n
    Accept-Encoding: gzip, deflate\r\n
    Accept-Language: en-US,en;q=0.9\r\n
    \r\setminus n
    [Full request URI: http://kurose.cslash.net/8E_cover_small.jpg]
    [HTTP request 1/1]
    [Response in frame: 4270]
No.
                                                                        Protocol Length Info
        Time
                           Source
                                                  Destination
   4265 12:52:50.008173
                           128.119.245.12
                                                  192.168.101.100
                                                                        HTTP
                                                                                 745
                                                                                        HTTP/1.1
200 OK (PNG)
Frame 4265: 745 bytes on wire (5960 bits), 745 bytes captured (5960 bits) on interface en0, id
Ethernet II, Src: Routerboardc_70:26:52 (dc:2c:6e:70:26:52), Dst: Apple_96:a0:c6 (f8:4d:
89:96:a0:c6)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.101.100
Transmission Control Protocol, Src Port: 80, Dst Port: 62291, Seq: 4222, Ack: 903, Len: 691
[3 Reassembled TCP Segments (3611 bytes): #4261(1460), #4263(1460), #4265(691)]
Hypertext Transfer Protocol
    HTTP/1.1 200 OK\r\n
    Date: Thu, 25 Jul 2024 10:52:49 GMT\r\n
    Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.33 mod_perl/2.0.11 Perl/
v5.16.3\r\n
    Last-Modified: Sat, 06 Aug 2016 10:08:14 GMT\r\n
    ETag: "cc3-539645c7f1ee7"\r\n
    Accept-Ranges: bytes\r\n
    Content-Length: 3267\r\n
    Keep-Alive: timeout=5, max=99\r\n
    Connection: Keep-Alive\r\n
    Content-Type: image/png\r\n
    \r\n
    [HTTP response 2/2]
    [Time since request: 0.256202000 seconds]
    [Prev request in frame: 3962]
    [Prev response in frame: 4125]
    [Request in frame: 4127]
    [Request URI: http://gaia.cs.umass.edu/pearson.png]
```

File Data: 3267 bytes

Portable Network Graphics

No. Time Source Destination Protocol Length Info 4270 12:52:50.091784 178.79.137.164 192.168.101.100 HTTP 237 HTTP/1.1

301 Moved Permanently

Frame 4270: 237 bytes on wire (1896 bits), 237 bytes captured (1896 bits) on interface en0, id

Ethernet II, Src: Routerboardc\_70:26:52 (dc:2c:6e:70:26:52), Dst: Apple\_96:a0:c6 (f8:4d:89:96:a0:c6)

Internet Protocol Version 4, Src: 178.79.137.164, Dst: 192.168.101.100

Transmission Control Protocol, Src Port: 80, Dst Port: 62294, Seq: 1, Ack: 392, Len: 171 Hypertext Transfer Protocol

HTTP/1.1 301 Moved Permanently\r\n

Location: https://kurose.cslash.net/8E\_cover\_small.jpg\r\n

Content-Length: 0\r\n

Date: Thu, 25 Jul 2024 10:52:49 GMT\r\n

Server: lighttpd/1.4.47\r\n

 $r\n$ 

[HTTP response 1/1]

[Time since request: 0.166429000 seconds]

[Request in frame: 4255]

[Request URI: http://kurose.cslash.net/8E\_cover\_small.jpg]