[Next request in frame: 6.]

```
1 27.32630583
                       6876676927669
                                              645766174.9764
                                                                    HTTP
                                                                                     GET /wireshark-labs/HTTP-wireshark-
file.7html HTTP/676
Frame 1: 944 bytes on wire (.620 bits), 944 bytes captured (.620 bits) on interface 8
Ethernet II, Src: IntelCor_3f:53:e8 (e8:1d:36:3f:53:e8), Dst: Alcatel-_02:a.:56 (4c:fa:a4:02:a.:56)
Internet Protocol Version ., Src: 6876676927669, Dst: 645766174.9764
Transmission Control Protocol, Src Port: .2500, Dst Port: 58, Seq: 6, Ack: 6, Len: .90
    Source Port: .2500
    Destination Port: 58
    [Stream index: 6]
    [TCP Segment Len: .90]
    Sequence number: 6 (relative sequence number)
[Next sequence number: .92 (relative sequence
                                  (relative sequence number)]
    Acknowledgment number: 6
                                (relative ack number)
    6888 7777 = Header Length: 34 bytes (5)
    Flags: 8x865 (PSH, ACK)
    Window size value: 441
    [Calculated window size: 41364]
    [Window size scaling factor: 645]
    Checksum: 8x5df0 [unverified]
    [Checksum Status: Unverified]
    Urgent pointer: 8
    Options: (64 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    [SEQ/ACK analysis]
    TCP payload (.90 bytes)
Hypertext Transfer Protocol
    GET /wireshark-labs/HTTP-wireshark-file.7html HTTP/676\r\n
        [Expert Info (Chat/Sequence): GET /wireshark-labs/HTTP-wireshark-file.7html HTTP/676\r\n]
        Request Method: GET
        Request URI: /wireshark-labs/HTTP-wireshark-file.7html
        Request Version: HTTP/676
    Host: gaia7cs7umass7edu\r\n
    Connection: keep-alive\r\n
    Upgrade-Insecure-Requests: 6\r\n
    User-Agent: Mozilla/978 (X66; Linux x50_0.) AppleWebKit/932730 (KHTML, like Gecko) QtWebEngine/976878 Chrome/06787360376.8
Safari/932730\r\n
    Accept-Language: en-US, en\r\n
    X-Do-Not-Track: 6\r\n
    DNT: 6\r\n
    Accept-Encoding: gzip, deflate\r\n
    \r\n
    [Full request URI: http://gaia7cs7umass7edu/wireshark-labs/HTTP-wireshark-file.7html]
    [HTTP request 6/3]
    [Response in frame: 64]
    [Next request in frame: 6.]
     64 279435.9490
                       645766174.9764
                                              6876676927669
                                                                    HTTP
                                                                              6631
                                                                                    HTTP/676 488 OK (text/html)
Frame 64: 6631 bytes on wire (1664 bits), 6631 bytes captured (1664 bits) on interface 8
Ethernet II, Src: Alcatel-_02:a.:56 (4c:fa:a4:02:a.:56), Dst: IntelCor_3f:53:e8 (e8:1d:36:3f:53:e8)
Internet Protocol Version ., Src: 645766174.9764, Dst: 6876676927669
Transmission Control Protocol, Src Port: 58, Dst Port: .2500, Seq: 6, Ack: .92, Len: 6823
    Source Port: 58
    Destination Port: .2500
    [Stream index: 6]
    [TCP Seament Len: 6823]
    Sequence number: 6
                         (relative sequence number)
    [Next sequence number: 682.
                                   (relative sequence number)]
    Acknowledgment number: .92
                                  (relative ack number)
    6888 7777 = Header Length: 34 bytes (5)
    Flags: 8x865 (PSH, ACK)
    Window size value: 439
    [Calculated window size: 38858]
    [Window size scaling factor: 645]
    Checksum: 8x6e1f [unverified]
    [Checksum Status: Unverified]
    Urgent pointer: 8
    Options: (64 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    [SEQ/ACK analysis]
    TCP payload (6823 bytes)
Hypertext Transfer Protocol
    HTTP/676 488 OK\r\n
        [Expert Info (Chat/Sequence): HTTP/676 488 OK\r\n]
        Request Version: HTTP/676
        Status Code: 488
        [Status Code Description: OK]
        Response Phrase: OK
    Date: Thu, 49 \rightarrowan 4865 80:39:89 GMT\r\n
    Server: Apache/47.70 (CentOS) OpenSSL/67874k-fips PHP/97.760 mod_perl/478768 Perl/v976073\r\n
    Last-Modified: Thu, 49 →an 4865 80:39:86 GMT\r\n
    ETag: \#4ca-90313fabd3.e2\#\r\n
    Accept-Ranges: bytes\r\n
    Content-Length: 26.\r\n
    Keep-Alive: timeout=9, max=688\r\n
Connection: Keep-Alive\r\n
    Content-Type: text/html; charset=UTF-5\r\n
    r\n
    [HTTP response 6/3]
    [Time since request: 87850285.93 seconds]
    [Request in frame: 1]
```

Content-Type: image/png\r\n

```
[Next response in frame: 46]
    File Data: 26. bytes
Line-based text data: text/html
    6. 27934505484
                       6876676927669
                                             645766174.9764
                                                                   HTTP
                                                                             .13
                                                                                    GET /pearson7png HTTP/676
Frame 6.: .13 bytes on wire (31.. bits), .13 bytes captured (31.. bits) on interface 8
Ethernet II, Src: IntelCor_3f:53:e8 (e8:1d:36:3f:53:e8), Dst: Alcatel-_02:a.:56 (4c:fa:a4:02:a.:56)
Internet Protocol Version ., Src: 6876676927669, Dst: 645766174.9764
Transmission Control Protocol, Src Port: .2500, Dst Port: 58, Seq: .92, Ack: 682., Len: .42
   Source Port: .2500
   Destination Port: 58
    [Stream index: 6]
    [TCP Segment Len: .42]
                            (relative sequence number)
    Sequence number: .92
    [Next sequence number: 55.
                                 (relative sequence number)]
    Acknowledgment number: 682.
                                   (relative ack number)
    6888 7777 = Header Length: 34 bytes (5)
   Flags: 8x865 (PSH, ACK)
   Window size value: 4.9
    [Calculated window size: 36308]
    [Window size scaling factor: 645]
   Checksum: 8x6868 [unverified]
    [Checksum Status: Unverified]
   Urgent pointer: 8
   Options: (64 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    [SEQ/ACK analysis]
   TCP payload (.42 bytes)
Hypertext Transfer Protocol
   GET /pearson7png HTTP/676\rn
        [Expert Info (Chat/Sequence): GET /pearson7png HTTP/676\r\n]
        Request Method: GET
       Request URI: /pearson7png
       Request Version: HTTP/676
   Host: daia7cs7umass7edu\r\n
   Connection: keep-alive\r\n
   User-Agent: Mozilla/978 (X66; Linux x50_0.) AppleWebKit/932730 (KHTML, like Gecko) QtWebEngine/976878 Chrome/06787360376.8
Safari/932730\r\n
   Accept: image/webp,image/apng,image/*,*/*;q=875\r\n
   Accept-Language: en-US, en\r\n
   X-Do-Not-Track: 6\r\n
   DNT: 6\r\n
    Referer: http://gaia7cs7umass7edu/wireshark-labs/HTTP-wireshark-file.7html\r\n
   Accept-Encoding: gzip, deflate\r\n
    r\n
    [Full request URI: http://gaia7cs7umass7edu/pearson7png]
    [HTTP request 4/3]
    [Prev request in frame: 1]
    [Response in frame: 46]
    [Next request in frame: 465]
                                                                                    HTTP/676 488 OK (PNG)
                      645766174.9764
                                             6876676927669
    46 270486.66.8
                                                                   HTTP
                                                                            699
Frame 46: 699 bytes on wire (64.8 bits), 699 bytes captured (64.8 bits) on interface 8
Ethernet II, Src: Alcatel-_02:a.:56 (4c:fa:a4:02:a.:56), Dst: IntelCor_3f:53:e8 (e8:1d:36:3f:53:e8)
Internet Protocol Version ., Src: 645766174.9764, Dst: 6876676927669
Transmission Control Protocol, Src Port: 58, Dst Port: .2500, Seq: .910, Ack: 55., Len: 51
   Source Port: 58
   Destination Port: .2500
    [Stream index: 6]
    [TCP Segment Len: 51]
                             (relative sequence number)
    Sequence number: .910
    [Next sequence number: .059
                                  (relative sequence number)]
    Acknowledgment number: 55.
                                  (relative ack number)
    6888 7777 = Header Length: 34 bytes (5)
   Flags: 8x865 (PSH, ACK)
   Window size value: 4.3
    [Calculated window size: 3668.]
    [Window size scaling factor: 645]
   Checksum: 8xb2ab [unverified]
    [Checksum Status: Unverified]
   Urgent pointer: 8
   Options: (64 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    [SEQ/ACK analysis]
    TCP payload (51 bytes)
   TCP segment data (51 bytes)
[. Reassembled TCP Segments (3066 bytes): J62(662.), J65(662.), J48(662.), J46(51)]
Hypertext Transfer Protocol
   HTTP/676 488 OK\r\n
        [Expert Info (Chat/Sequence): HTTP/676 488 OK\r\n]
        Request Version: HTTP/676
        Status Code: 488
        [Status Code Description: OK]
       Response Phrase: OK
    Date: Thu, 49 →an 4865 80:39:89 GMT\r\n
    Server: Apache/47.70 (CentOS) OpenSSL/67874k-fips PHP/97.760 mod_perl/478768 Perl/v976073\r\n
    Last-Modified: Sat, 80 Aug 4860 68:85:6. GMT\r\n
    ETag: #cc3-9310.9c2f6ee2#\r\n
   Accept-Ranges: bytes\r\n
    Content-Length: 3402\r\n
    Keep-Alive: timeout=9, max=11\r\n
   Connection: Keep-Alive\r\n
```

Content-Type: text/html; charset=iso-5591-6\r\n

```
[HTTP response 4/3]
    [Time since request: 87852424135 seconds]
    [Prev request in frame: 1]
    [Prev response in frame: 64]
    [Request in frame: 6.]
    [Next request in frame: 465]
    [Next response in frame: 448]
   File Data: 3402 bytes
Portable Network Graphics
     45 27136160003
                      6876676927669
                                              645766174.8718
                                                                     HTTP
                                                                              982
                                                                                     GET /"kurose/cover 9th ed7 pg HTTP/676
Frame 45: 982 bytes on wire (.890 bits), 982 bytes captured (.890 bits) on interface 8
Ethernet II, Src: IntelCor_3f:53:e8 (e8:1d:36:3f:53:e8), Dst: Alcatel-_02:a.:56 (4c:fa:a4:02:a.:56)
Internet Protocol Version ., Src: 6876676927669, Dst: 645766174.8718
Transmission Control Protocol, Src Port: 918.5, Dst Port: 58, Seq: 6, Ack: 6, Len: ..6
   Source Port: 918.5
    Destination Port: 58
    [Stream index: 4]
   [TCP Segment Len: ..6]
Sequence number: 6 (relative sequence number)
   [Next sequence number: ..4 (relative sequence number)]
Acknowledgment number: 6 (relative ack number)
   6888 7777 = Header Length: 34 bytes (5)
   Flags: 8x865 (PSH, ACK)
   Window size value: 441
    [Calculated window size: 41364]
    [Window size scaling factor: 645]
   Checksum: 8x63d2 [unverified]
    [Checksum Status: Unverified]
    Urgent pointer: 8
   Options: (64 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    [SEO/ACK analysis]
   TCP payload (..6 bytes)
Hypertext Transfer Protocol
   GET /"kurose/cover_9th_ed7 pg HTTP/676\r\n
        [Expert Info (Chat/Sequence): GET /"kurose/cover_9th_ed7 pg HTTP/676\r\n]
        Request Method: GET
        Request URI: /"kurose/cover_9th_ed7 pg
        Request Version: HTTP/676
    Host: manic7cs7umass7edu\r\n
   Connection: keep-alive\r\n
   User-Agent: Mozilla/978 (X66; Linux x50_0.) AppleWebKit/932730 (KHTML, like Gecko) QtWebEngine/976878 Chrome/06787360376.8
Safari/932730\r\n
   Accept: image/webp,image/apng,image/*,*/*;q=875\r\n
   Accept-Language: en-US, en\r\n
    X-Do-Not-Track: 6\r\n
   DNT: 6\r\n
   Referer: http://gaia7cs7umass7edu/wireshark-labs/HTTP-wireshark-file.7html\r\n
   Accept-Encoding: gzip, deflate\r\n
    r\n
    [Full request URI: http://manic7cs7umass7edu/"kurose/cover_9th_ed7 pg]
    [HTTP request 6/6]
    [Response in frame: 38]
     38 5789623313.
                       645766174.8718
                                                                                      HTTP/676 384 Found (text/html)
                                              6876676927669
                                                                     HTTP
                                                                              944
Frame 38: 944 bytes on wire (.620 bits), 944 bytes captured (.620 bits) on interface 8
Ethernet II, Src: Alcatel-_02:a.:56 (4c:fa:a4:02:a.:56), Dst: IntelCor_3f:53:e8 (e8:1d:36:3f:53:e8)
Internet Protocol Version ., Src: 645766174.8718, Dst: 6876676927669
Transmission Control Protocol, Src Port: 58, Dst Port: 918.5, Seq: 6, Ack: ..4, Len: .90
   Source Port: 58
   Destination Port: 918.5
    [Stream index: 4]
    [TCP Segment Len: .90]
    Sequence number: 6 (relative sequence number)
    [Next sequence number: .92 (relative sequence number)]
    Acknowledgment number: ..4
                                   (relative ack number)
    6888 7777 = Header Length: 34 bytes (5)
   Flags: 8x865 (PSH, ACK)
Window size value: 4.3
    [Calculated window size: 69994]
    [Window size scaling factor: 0.]
    Checksum: 8x9409 [unverified]
    [Checksum Status: Unverified]
    Urgent pointer: 8
    Options: (64 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    [SEQ/ACK analysis]
   TCP payload (.90 bytes)
Hypertext Transfer Protocol
   HTTP/676 384 Found\r\n
        [Expert Info (Chat/Sequence): HTTP/676 384 Found\r\n]
        Request Version: HTTP/676
        Status Code: 384
        [Status Code Description: Found]
        Response Phrase: Found
    Date: Thu, 49 →an 4865 80:39:89 GMT\r\n
    Server: Apache\r\n
    Location: http://caite7cs7umass7edu/"kurose/cover_9th_ed7 pg\r\n
   Content-Length: 43.\r\n
   Connection: close\r\n
```

Connection: close\r\n

```
[HTTP response 6/6]
       [Time since request: 87661562426 seconds]
       [Request in frame: 45]
      File Data: 43. bytes
Line-based text data: text/html
        .4 57480811416
                                    6876676927669
                                                                         645766174.8718
                                                                                                            HTTP
                                                                                                                           982
                                                                                                                                      GET /"kurose/cover_9th_ed7 pg HTTP/676
Frame .4: 982 bytes on wire (.890 bits), 982 bytes captured (.890 bits) on interface 8
Ethernet II, Src: IntelCor_3f:53:e8 (e8:1d:36:3f:53:e8), Dst: Alcatel-_02:a.:56 (4c:fa:a4:02:a.:56)
Internet Protocol Version ., Src: 6876676927669, Dst: 645766174.8718
Transmission Control Protocol, Src Port: 91898, Dst Port: 58, Seq: 6, Ack: 6, Len: ..6
      Source Port: 91898
      Destination Port: 58
       [Stream index: 3]
       [TCP Segment Len: ..6]
      Sequence number: 6 (relative sequence number)
[Next sequence number: ..4 (relative sequence number)]
Acknowledgment number: 6 (relative ack number)
                                                   (relative ack number)
      6888 7777 = Header Length: 34 bytes (5)
      Flags: 8x865 (PSH, ACK)
      Window size value: 441
      [Calculated window size: 41364]
       [Window size scaling factor: 645]
      Checksum: 8xb.8c [unverified]
      [Checksum Status: Unverified]
      Urgent pointer: 8
      Options: (64 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
      [SEQ/ACK analysis]
      TCP payload (..6 bytes)
Hypertext Transfer Protocol
      GET /"kurose/cover_9th_ed7 pg HTTP/676\r
             [Expert Info (Chat/Sequence): GET /"kurose/cover_9th_ed7 pg HTTP/676\r\n]
             Request Method: GET
             Request URI: /"kurose/cover_9th_ed7 pg
             Request Version: HTTP/676
      Host: caite7cs7umass7edu\r\n
      Connection: keep-alive\r\n
      User-Agent: Mozilla/978 (X66; Linux x50_0.) AppleWebKit/932730 (KHTML, like Gecko) QtWebEngine/976878 Chrome/06787360376.8
Safari/932730\r\n
      Accept: image/webp,image/apng,image/*,*/*;q=875\r\n
      Accept-Language: en-US, en\r\n
      X-Do-Not-Track: 6\r\n
      DNT: 6\r\n
      12c@ne™er@EiTgregivegtf₩æsrsent, frame 12
       [Full request URI: http://caite7cs7umass7edu/"kurose/cover_9th_ed7 pg]
    1 But Frames 2 2/6]
      [Response in frame: 48.]
      48. 57082008486
                                    645766174.8718
                                                                         6876676927669
                                                                                                             HTTP
                                                                                                                           36.
                                                                                                                                       HTTP/676 488 OK (→PEG →FIF image)
Frame 486,036 bytes on wire (4964 bits), 36. bytes captured (4964 bits) on interface 8 Ethernet II, Src: Alcatel-_02:a.:56 (4c:fa:a4:02:a.:56), Dst: IntelCor_3f:53:e8 (e8:1d:36:3f:53:e8)
Internet Protocol Version ., Src: 645766174.8718, Dst: 6876676927669
Transmission Control Protects Weler needed Port: 91898, Seq: 688109, Ack: ..4, Len: 4.5 Source Port: 58
      Destination Port: 91898
      [Stream index: 3]
       [TCP Segment Len: 4.5]
      Sequence number: 688109
                                                  (relative sequence number)
      [Next sequence number: 68646.
                                                           (relative sequence number)]
      Acknowledgment number: ..4
                                                       (relative ack number)
      6888 7777 = Header Length: 34 bytes (5)
      Flags: 8x861 (FIN, PSH, ACK)
      Window size value: 4.3
      [Calculated window size: 69994]
      [Window size scaling factor: 0.]
      Checksum: 8xf5.a [unverified]
      [Checksum Status: Unverified]
      Urgent pointer: 8
      Options: (64 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
      [SEQ/ACK analysis]
      TCP payload (4.5 bytes)
      TCP segment data (4.5 bytes)
[52 Reassembled TCP Segments (686464 bytes): J..(662.), J.0(662.), J.5(662.), J98(662.), J94(662.), J9.(662.), J95(662.), J04(662.), J04(662.),
Hypertext Transfer Protocol
      HTTP/676 488 OK\r\n
             [Expert Info (Chat/Sequence): HTTP/676 488 OK\r\n]
             Request Version: HTTP/676
             Status Code: 488
             [Status Code Description: OK]
             Response Phrase: OK
      Date: Thu, 49 →an 4865 80:39:89 GMT\r\n
      Server: Apache\r\n
      Last-Modified: Tue, 69 Sep 4881 65:43:42 GMT\r\n
      ETag: #2588.-65a05-.23a6e8e0e9c8#\r\n
      Accept-Ranges: bytes\r\n
      Content-Length: 688105\r\n
```