

```
No.      Time      Source      Destination      Protocol Length Info
 195 2.180468    192.168.1.69 128.119.245.12   HTTP      432    GET /wireshark-labs/HTTP-wireshark-file4.html HTTP/1.1
Frame 195: 432 bytes on wire (3456 bits), 432 bytes captured (3456 bits) on interface \Device\NPF_{65E4FA18-2BBE-459E-BA4D-2BD0A818A93A}, id 0
Ethernet II, Src: Apple_ca:30:19 (c4:b3:01:ca:30:19), Dst: ARRISGro_7f:d6:c0 (88:96:4e:7f:d6:c0)
Internet Protocol Version 4, Src: 192.168.1.69, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 54510, Dst Port: 80, Seq: 1, Ack: 1, Len: 378
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; Win64; x64; rv:85.0) Gecko/20100101 Firefox/85.0\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
  Connection: keep-alive\r\n
  Upgrade-Insecure-Requests: 1\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: 218]
No.      Time      Source      Destination      Protocol Length Info
 218 2.279100    128.119.245.12 192.168.1.69   HTTP      1355   HTTP/1.1 200 OK (text/html)
Frame 218: 1355 bytes on wire (10840 bits), 1355 bytes captured (10840 bits) on interface \Device\NPF_{65E4FA18-2BBE-459E-BA4D-2BD0A818A93A}, id 0
Ethernet II, Src: 86:96:4e:7f:d6:c3 (86:96:4e:7f:d6:c3), Dst: Apple_ca:30:19 (c4:b3:01:ca:30:19)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.1.69
Transmission Control Protocol, Src Port: 80, Dst Port: 54510, Seq: 1, Ack: 379, Len: 1301
Hypertext Transfer Protocol
  HTTP/1.1 200 OK\r\n
  Date: Wed, 03 Mar 2021 07:55:44 GMT\r\n
  Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.14 mod_perl/2.0.11 Perl/v5.16.3\r\n
  Last-Modified: Wed, 03 Mar 2021 06:59:01 GMT\r\n
  ETag: "3ae-5bc9c62c43a76"\r\n
  Accept-Ranges: bytes\r\n
  Content-Length: 942\r\n
    [Content length: 942]
  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: 0.098632000 seconds]
[Request in frame: 195]
[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)
<html>\n
<head>\n
<title>Lab2-4 file: Embedded URLs</title>\n
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1">\n
</head>\n
\n
<body bgcolor="#FFFFFF" text="#000000">\n
\n
<p>\n
 </p>\n
<p>This little HTML file is being served by gaia.cs.umass.edu. \n
It contains two embedded images. The image above, also served from the \n
gaia.cs.umass.edu web site, is the logo of our publisher, Pearson. \n
The image of our 8th edition book cover below is stored at, and served from,\n
  a WWW server kurose.cslash.net in France:</p>\n
<p align="left"></p>\n
And while we have your attention, you might want to take time to check out the\n
\t\t available open resources for this book at\n
\t\t <a href="http://gaia.cs.umass.edu/kurose_ross"> http://gaia.cs.umass.edu/kurose_ross</a>.\n
\n
</body>\n
</html>\n
No.      Time      Source      Destination      Protocol Length Info
 292 2.331783    192.168.1.69 128.119.245.12   HTTP      389    GET /pearson.png HTTP/1.1
Frame 292: 389 bytes on wire (3112 bits), 389 bytes captured (3112 bits) on interface \Device\NPF_{65E4FA18-2BBE-459E-BA4D-2BD0A818A93A}, id 0
Ethernet II, Src: Apple_ca:30:19 (c4:b3:01:ca:30:19), Dst: ARRISGro_7f:d6:c0 (88:96:4e:7f:d6:c0)
Internet Protocol Version 4, Src: 192.168.1.69, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 54511, Dst Port: 80, Seq: 1, Ack: 1, Len: 335
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; Win64; x64; rv:85.0) Gecko/20100101 Firefox/85.0\r\n
  Accept: image/webp,*/*\r\n
  Accept-Language: en-US,en;q=0.5\r\n
```

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Accept-Encoding: gzip, deflate\r\n
Connection: keep-alive\r\n
Referer: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file4.html\r\n
\r\n
[Full request URI: http://gaia.cs.umass.edu/pearson.png]
[HTTP request 1/2]
[Response in frame: 432]
[Next request in frame: 445]
No.      Time      Source      Destination      Protocol Length Info
 432 2.429673 128.119.245.12 192.168.1.69 HTTP 746 HTTP/1.1 200 OK (PNG)
Frame 432: 746 bytes on wire (5968 bits), 746 bytes captured (5968 bits) on interface \Device\NPF_{65E4FA18-2BBE-459E-BA4D-2BD0A818A93A},
id 0
Ethernet II, Src: 86:96:4e:7f:d6:c3 (86:96:4e:7f:d6:c3), Dst: Apple_ca:30:19 (c4:b3:01:ca:30:19)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.1.69
Transmission Control Protocol, Src Port: 80, Dst Port: 54511, Seq: 2921, Ack: 336, Len: 692
[3 Reassembled TCP Segments (3612 bytes): #430(1460), #431(1460), #432(692)]
Hypertext Transfer Protocol
HTTP/1.1 200 OK\r\n
Date: Wed, 03 Mar 2021 07:55:44 GMT\r\n
Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.14 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
[Content length: 3267]
Keep-Alive: timeout=5, max=100\r\n
Connection: Keep-Alive\r\n
Content-Type: image/png\r\n
\r\n
[HTTP response 1/2]
[Time since request: 0.097890000 seconds]
[Request in frame: 292]
[Next request in frame: 445]
[Next response in frame: 448]
[Request URI: http://gaia.cs.umass.edu/pearson.png]
File Data: 3267 bytes
Portable Network Graphics
No.      Time      Source      Destination      Protocol Length Info
 439 2.491627 192.168.1.69 178.79.137.164 HTTP 396 GET /8E_cover_small.jpg HTTP/1.1
Frame 439: 396 bytes on wire (3168 bits), 396 bytes captured (3168 bits) on interface \Device\NPF_{65E4FA18-2BBE-459E-BA4D-2BD0A818A93A},
id 0
Ethernet II, Src: Apple_ca:30:19 (c4:b3:01:ca:30:19), Dst: ARRISGro_7f:d6:c0 (88:96:4e:7f:d6:c0)
Internet Protocol Version 4, Src: 192.168.1.69, Dst: 178.79.137.164
Transmission Control Protocol, Src Port: 54513, Dst Port: 80, Seq: 1, Ack: 1, Len: 342
Hypertext Transfer Protocol
GET /8E_cover_small.jpg HTTP/1.1\r\n
Host: kurose.cslash.net\r\n
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:85.0) Gecko/20100101 Firefox/85.0\r\n
Accept: image/webp,*/*\r\n
Accept-Language: en-US,en;q=0.5\r\n
Accept-Encoding: gzip, deflate\r\n
Connection: keep-alive\r\n
Referer: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file4.html\r\n
\r\n
[Full request URI: http://kurose.cslash.net/8E_cover_small.jpg]
[HTTP request 1/1]
[Response in frame: 450]
No.      Time      Source      Destination      Protocol Length Info
 450 2.652207 178.79.137.164 192.168.1.69 HTTP 225 HTTP/1.1 301 Moved Permanently
Frame 450: 225 bytes on wire (1800 bits), 225 bytes captured (1800 bits) on interface \Device\NPF_{65E4FA18-2BBE-459E-BA4D-2BD0A818A93A},
id 0
Ethernet II, Src: 86:96:4e:7f:d6:c3 (86:96:4e:7f:d6:c3), Dst: Apple_ca:30:19 (c4:b3:01:ca:30:19)
Internet Protocol Version 4, Src: 178.79.137.164, Dst: 192.168.1.69
Transmission Control Protocol, Src Port: 80, Dst Port: 54513, Seq: 1, Ack: 343, 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
[Content length: 0]
Date: Wed, 03 Mar 2021 07:55:44 GMT\r\n
Server: lighttpd/1.4.47\r\n
\r\n
[HTTP response 1/1]
[Time since request: 0.160580000 seconds]
[Request in frame: 439]
[Request URI: http://kurose.cslash.net/8E_cover_small.jpg]

```