75 1.515773 192.168.100 128.119.245.12 HTTP 464 GET /wireshark-labs/HTTP-wireshark-file2.html HTTP/1.1

Frame 75: 464 bytes on wire (3712 bits), 464 bytes captured (3712 bits) on interface 0

Ethernet II, Src: RivetNet\_el:f0:cf (9c:b6:d0:el:f0:cf), Dst: Tp-LinkT\_97:5f:e8 (60:e3:27:97:5f:e8) Internet Protocol Version 4, Src: 192.168.100,Dst: 128.11.9245.12

Transmission Control Protocol, Src Port: 50176, Dst Port: 80, Seq: 1, Ack: 1, Len: 410 Hypertext Transfer Protocol

GET /wireshark-labs/HTTP-wireshark-file2.html HTTP/1.1\r\n Host: gaia.cs.umass.edu\r\n

User-Agent: Mozilla/.50 (Windows NT 10.0; Win64; x64; rv:58.0) Gecko/20100101 Firefox/58.0\r\n Accept: text/html,application/xhtml+xml,application/xml;q=0.9,\*/\*;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 Pragma: no-cache\r\n

Cache-Control: no-cache\r\n

\r\n

[Full request URI: <http://gaia.cs.umass.edu/wireshark->labs/HTTP-wireshark-fi le2.html] [HTTP request 1/2]

[Response in frame: 77] [Next request in frame: 95]

77 1.561250 128.119.2.4152 192.168.100 HTTP 784 HTTP/1.1 200 OK (text/html)

Frame 77: 784 bytes on wire (6272 bits), 784 bytes captured (6272 bits) on interface 0

Ethernet II, Src: Tp-LinkT\_97:5f:e8 (60:e3:27:97:5f:e8), Dst: RivetNet\_el:f0:cf (9c:b6:d0:el:f0:cf) Internet Protocol Version 4, Src: 128.119.2.4152, Dst: 192.168.0.100

Transmission Control Protocol, Src Port: 80, Dst Port: 50176, Seq: 1, Ack: 411, Len: 730 Hypertext Transfer Protocol

HTTP/1.1 200 OK\r\n

Date: Thu, 15 Feb 2018 03:46:29 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: Wed, 14 Feb 2018 06:59:01 GMT\r\n

ETag: "173-56526a562035e"\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 1/2]

[Time since request: 0.045477000 seconds] [Request in frame: 75]

[Next request in frame: 95] [Next response in frame: 96] File Data: 371 bytes

Line-based text data: text/html

\n

<html>\n

\n

Congratulations again! Now you've downloaded the file lab2-2.html. <br>\n This file's last modification date will not change. <p>\n

Thus if you download this multiple times on your browser, a complete copy <br>\n

will only be sent once by the server due to the inclusion of the IN-MODIFIED-SINCE<br>\n field in your browser's HTTP GET request to the server.\n

\n

</html>\n

95 3.241306 192.168.100 128.119.245.12 HTTP 533 GET /wireshark-labs/HTTP-wireshark-file2.html HTTP/1.1

Frame 95: 533 bytes on wire (4264 bits), 533 bytes captured (4264 bits) on interface 0

Ethernet II, Src: RivetNet\_el:f0:cf (9c:b6:d0:el:f0:cf), Dst: Tp-LinkT\_97:5f:e8 (60:e3:27:97:5f:e8) Internet Protocol Version 4, Src: 192.168.100,Dst: 128.11.9245.12

Transmission Control Protocol, Src Port: 50176, Dst Port: 80, Seq: 411, Ack: 731, Len: 479 Hypertext Transfer Protocol

GET /wireshark-labs/HTTP-wireshark-file2.html HTTP/1.1\r\n Host: gaia.cs.umass.edu\r\n

User-Agent: Mozilla/.50 (Windows NT 10.0; Win64; x64; rv:58.0) Gecko/20100101 Firefox/58.0\r\n Accept: text/html,application/xhtml+xml,application/xml;q=0.9,\*/\*;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

If-Modified-Since: Wed, 14 Feb 2018 06:59:01 GMT\r\n If-None-Match: "173-56526a562035e"\r\n

Cache-Control: max-age=0\r\n

\r\n

[Full request URI: <http://gaia.cs.umass.edu/wireshark->labs/HTTP-wireshark-fi le2.html] [HTTP request 2/2]

[Prev request in frame: 75] [Response in frame: 96]

96 3.290142 128.119.2.4152 192.168.100 HTTP 293 HTTP/1.1 304 Not Modified

Frame 96: 293 bytes on wire (2344 bits), 293 bytes captured (2344 bits) on interface 0

Ethernet II, Src: Tp-LinkT\_97:5f:e8 (60:e3:27:97:5f:e8), Dst: RivetNet\_el:f0:cf (9c:b6:d0:el:f0:cf) Internet Protocol Version 4, Src: 128.119.2.4152, Dst: 192.168.0.100

Transmission Control Protocol, Src Port: 80, Dst Port: 50176, Seq: 731, Ack: 890, Len: 239 Hypertext Transfer Protocol

HTTP/1.1 304 Not Modified\r\n

Date: Thu, 15 Feb 2018 03:46:31 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=99\r\n ETag: "173-56526a562035e"\r\n

\r\n

[HTTP response 2/2]

[Time since request: 0.048836000 seconds] [Prev request in frame: 75]

[Prev response in frame: 77] [Request in frame: 95]