No. Time Source Destination Protocol Length Info

18 13:34:38.088940 192.168.42.67 128.119.245.12 HTTP 533 GET /wireshark-labs/HTTP-

wireshark-file2.html HTTP/1.1

Frame 18: 533 bytes on wire (4264 bits), 533 bytes captured (4264 bits) on interface 0

Ethernet II, Src: 3e:e4:9f:48:ac:23 (3e:e4:9f:48:ac:23), Dst: 6a:e5:7a:50:f2:78 (6a:e5:7a:50:f2:78) Internet Protocol Version 4, Src: 192.168.42.67, Dst: 128.119.245.12

Transmission Control Protocol, Src Port: 55608, Dst Port: 80, Seq: 1, Ack: 1, Len: 479 Hypertext Transfer Protocol

GET /wireshark-labs/HTTP-wireshark-file2.html HTTP/1.1\r\n

[Expert Info (Chat/Sequence): GET /wireshark-labs/HTTP-wireshark-file2.html HTTP/1.1\r\n] Request Method: GET

Request URI: /wireshark-labs/HTTP-wireshark-file2.html Request Version: HTTP/1.1

Host: gaia.cs.umass.edu\r\n Connection: keep-alive\r\n Upgrade-Insecure-Requests: 1\r\n

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/ 73.0.3683.86 Safari/537.36\r\n

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,\*/\*;q=0.8,application/ signed-exchange;v=b3\r\n

Accept-Encoding: gzip, deflate\r\n

Accept-Language: ko-KR,ko;q=0.9,en-US;q=0.8,en;q=0.7\r\n

\r\n

[Full request URI: [http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file2.html]](http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file2.html) [HTTP request 1/2]

[Response in frame: 25] [Next request in frame: 43]

No. Time Source Destination Protocol Length Info

25 13:34:38.678322 128.119.245.12 192.168.42.67 HTTP 760 HTTP/1.1 200 OK (text/

html)

Frame 25: 760 bytes on wire (6080 bits), 760 bytes captured (6080 bits) on interface 0

Ethernet II, Src: 6a:e5:7a:50:f2:78 (6a:e5:7a:50:f2:78), Dst: 3e:e4:9f:48:ac:23 (3e:e4:9f:48:ac:23) Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.42.67

Transmission Control Protocol, Src Port: 80, Dst Port: 55608, Seq: 1, Ack: 480, Len: 706 Hypertext Transfer Protocol

HTTP/1.1 200 OK\r\n

[Expert Info (Chat/Sequence): HTTP/1.1 200 OK\r\n] Response Version: HTTP/1.1

Status Code: 200

[Status Code Description: OK] Response Phrase: OK

Date: Mon, 01 Apr 2019 04:34:38 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: Sun, 31 Mar 2019 05:59:01 GMT\r\n

ETag: "173-5855d99bc1156"\r\n Accept-Ranges: bytes\r\n

Content-Type: text/html; charset=UTF-8\r\n Content-Length: 371\r\n

Connection: Keep-Alive\r\n Age: 0\r\n

\r\n

[HTTP response 1/2]

[Time since request: 0.589382000 seconds] [Request in frame: 18]

[Next request in frame: 43] [Next response in frame: 52]

[Request URI: [http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file2.html]](http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file2.html) File Data: 371 bytes

Line-based text data: text/html (10 lines)

\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

No. Time Source Destination Protocol Length Info

43 13:34:43.479319 192.168.42.67 128.119.245.12 HTTP 645 GET /wireshark-labs/HTTP-

wireshark-file2.html HTTP/1.1

Frame 43: 645 bytes on wire (5160 bits), 645 bytes captured (5160 bits) on interface 0

Ethernet II, Src: 3e:e4:9f:48:ac:23 (3e:e4:9f:48:ac:23), Dst: 6a:e5:7a:50:f2:78 (6a:e5:7a:50:f2:78) Internet Protocol Version 4, Src: 192.168.42.67, Dst: 128.119.245.12

Transmission Control Protocol, Src Port: 55608, Dst Port: 80, Seq: 480, Ack: 707, Len: 591 Hypertext Transfer Protocol

GET /wireshark-labs/HTTP-wireshark-file2.html HTTP/1.1\r\n

[Expert Info (Chat/Sequence): GET /wireshark-labs/HTTP-wireshark-file2.html HTTP/1.1\r\n]

Request Method: GET

Request URI: /wireshark-labs/HTTP-wireshark-file2.html Request Version: HTTP/1.1

Host: gaia.cs.umass.edu\r\n Connection: keep-alive\r\n Cache-Control: max-age=0\r\n Upgrade-Insecure-Requests: 1\r\n

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/ 73.0.3683.86 Safari/537.36\r\n

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,\*/\*;q=0.8,application/ signed-exchange;v=b3\r\n

Accept-Encoding: gzip, deflate\r\n

Accept-Language: ko-KR,ko;q=0.9,en-US;q=0.8,en;q=0.7\r\n If-None-Match: "173-5855d99bc1156"\r\n

If-Modified-Since: Sun, 31 Mar 2019 05:59:01 GMT\r\n

\r\n

[Full request URI: [http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file2.html]](http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file2.html) [HTTP request 2/2]

[Prev request in frame: 18] [Response in frame: 52]

No. Time Source Destination Protocol Length Info

52 13:34:44.726882 128.119.245.12 192.168.42.67 HTTP 54 HTTP/1.1 304 Not Modified

Frame 52: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface 0

Ethernet II, Src: 6a:e5:7a:50:f2:78 (6a:e5:7a:50:f2:78), Dst: 3e:e4:9f:48:ac:23 (3e:e4:9f:48:ac:23) Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.42.67

Transmission Control Protocol, Src Port: 80, Dst Port: 55608, Seq: 1026, Ack: 1071, Len: 0

[2 Reassembled TCP Segments (319 bytes): #51(319), #52(0)] Hypertext Transfer Protocol

HTTP/1.1 304 Not Modified\r\n

[Expert Info (Chat/Sequence): HTTP/1.1 304 Not Modified\r\n] Response Version: HTTP/1.1

Status Code: 304

[Status Code Description: Not Modified] Response Phrase: Not Modified

Date: Mon, 01 Apr 2019 04:34:43 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: Sun, 31 Mar 2019 05:59:01 GMT\r\n

ETag: "173-5855d99bc1156"\r\n Accept-Ranges: bytes\r\n

Content-Type: text/html; charset=UTF-8\r\n Connection: close\r\n

Age: 0\r\n

\r\n

[HTTP response 2/2]

[Time since request: 1.247563000 seconds] [Prev request in frame: 18]

[Prev response in frame: 25] [Request in frame: 43]

[Request URI: [http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file2.html]](http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file2.html)