

No.	Time	Source	Destination	Protocol	Length	Info
7	3.995352	172.20.10.9	128.119.245.12	HTTP	583	GET /

wireshark-labs/HTTP-wireshark-file1.html HTTP/1.1
Frame 7: 583 bytes on wire (4664 bits), 583 bytes captured (4664 bits) on interface en0, id 0
Ethernet II, Src: Apple_cd:fc:62 (a4:d1:8c:cd:fc:62), Dst: 4e:57:ca:c5:1e:64 (4e:57:ca:c5:1e:64)
Internet Protocol Version 4, Src: 172.20.10.9, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 52945, Dst Port: 80, Seq: 1, Ack: 1, Len: 517
Source Port: 52945
Destination Port: 80
[Stream index: 1]
[TCP Segment Len: 517]
Sequence number: 1 (relative sequence number)
Sequence number (raw): 3755709234
[Next sequence number: 518 (relative sequence number)]
Acknowledgment number: 1 (relative ack number)
Acknowledgment number (raw): 861288557
1000 = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 2060
[Calculated window size: 131840]
[Window size scaling factor: 64]
Checksum: 0xd684 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
TCP payload (517 bytes)
Hypertext Transfer Protocol
GET /wireshark-labs/HTTP-wireshark-file1.html HTTP/1.1\r\n
[Expert Info (Chat/Sequence): GET /wireshark-labs/HTTP-wireshark-file1.html HTTP/1.1\r\n]
Request Method: GET
Request URI: /wireshark-labs/HTTP-wireshark-file1.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 (Macintosh; Intel Mac OS X 10_15_5) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/83.0.4103.97 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;q=0.9\r\n
Accept-Encoding: gzip, deflate\r\n
Accept-Language: ru-RU,ru;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-file1.html]
[HTTP request 1/1]
[Response in frame: 11]

No.	Time	Source	Destination	Protocol	Length	Info
11	4.235126	128.119.245.12	172.20.10.9	HTTP	551	HTTP/1.1

200 OK (text/html)
Frame 11: 551 bytes on wire (4408 bits), 551 bytes captured (4408 bits) on interface en0, id 0
Ethernet II, Src: 4e:57:ca:c5:1e:64 (4e:57:ca:c5:1e:64), Dst: Apple_cd:fc:62 (a4:d1:8c:cd:fc:62)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 172.20.10.9
Transmission Control Protocol, Src Port: 80, Dst Port: 52945, Seq: 1, Ack: 518, Len: 485
Source Port: 80
Destination Port: 52945
[Stream index: 1]
[TCP Segment Len: 485]
Sequence number: 1 (relative sequence number)
Sequence number (raw): 861288557
[Next sequence number: 486 (relative sequence number)]
Acknowledgment number: 518 (relative ack number)
Acknowledgment number (raw): 3755709751
1000 = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 235
[Calculated window size: 30080]
[Window size scaling factor: 128]
Checksum: 0x791e [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
TCP payload (485 bytes)
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: Thu, 11 Jun 2020 22:26:49 GMT\r\n
Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.6 mod_perl/2.0.11 Perl/v5.16.3\r\n
Last-Modified: Thu, 11 Jun 2020 05:59:04 GMT\r\n
ETag: "80-5a7c8a869b2c2"\r\n
Accept-Ranges: bytes\r\n
Content-Length: 128\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 1/1]
[Time since request: 0.239774000 seconds]
[Request in frame: 7]
[Request URI: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file1.html]
File Data: 128 bytes
Line-based text data: text/html (4 lines)

No.	Time	Source	Destination	Protocol	Length	Info
87	26.367766	172.20.10.9	128.119.245.12	HTTP	668	GET /

wireshark-labs/HTTP-wireshark-file1.html HTTP/1.1
Frame 87: 668 bytes on wire (5344 bits), 668 bytes captured (5344 bits) on interface en0, id 0
Ethernet II, Src: Apple_cd:fc:62 (a4:d1:8c:cd:fc:62), Dst: 4e:57:ca:c5:1e:64 (4e:57:ca:c5:1e:64)
Internet Protocol Version 4, Src: 172.20.10.9, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 52949, Dst Port: 80, Seq: 1, Ack: 1, Len: 602
Source Port: 52949
Destination Port: 80
[Stream index: 6]
[TCP Segment Len: 602]
Sequence number: 1 (relative sequence number)
Sequence number (raw): 1588395193
[Next sequence number: 603 (relative sequence number)]
Acknowledgment number: 1 (relative ack number)
Acknowledgment number (raw): 2611675298
1000 = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 2060
[Calculated window size: 131840]
[Window size scaling factor: 64]
Checksum: 0x5148 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
TCP payload (602 bytes)
Hypertext Transfer Protocol
GET /wireshark-labs/HTTP-wireshark-file1.html HTTP/1.1\r\n
[Expert Info (Chat/Sequence): GET /wireshark-labs/HTTP-wireshark-file1.html HTTP/1.1\r\n]
Request Method: GET
Request URI: /wireshark-labs/HTTP-wireshark-file1.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 (Macintosh; Intel Mac OS X 10_15_5) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/83.0.4103.97 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;q=0.9\r\n
Accept-Encoding: gzip, deflate\r\n
Accept-Language: ru-RU,ru;q=0.9,en-US;q=0.8,en;q=0.7\r\n
If-None-Match: "80-5a7c8a869b2c2"\r\n
If-Modified-Since: Thu, 11 Jun 2020 05:59:04 GMT\r\n
\r\n
[Full request URI: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file1.html]
[HTTP request 1/1]
[Response in frame: 91]

No.	Time	Source	Destination	Protocol	Length	Info
91	26.728982	128.119.245.12	172.20.10.9	HTTP	304	HTTP/1.1 304 Not Modified

Frame 91: 304 bytes on wire (2432 bits), 304 bytes captured (2432 bits) on interface en0, id 0
Ethernet II, Src: 4e:57:ca:c5:1e:64 (4e:57:ca:c5:1e:64), Dst: Apple_cd:fc:62 (a4:d1:8c:cd:fc:62)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 172.20.10.9
Transmission Control Protocol, Src Port: 80, Dst Port: 52949, Seq: 1, Ack: 603, Len: 238
Source Port: 80
Destination Port: 52949
[Stream index: 6]
[TCP Segment Len: 238]
Sequence number: 1 (relative sequence number)
Sequence number (raw): 2611675298
[Next sequence number: 239 (relative sequence number)]
Acknowledgment number: 603 (relative ack number)
Acknowledgment number (raw): 1588395795
1000 = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, ACK)
Window size value: 236
[Calculated window size: 30208]
[Window size scaling factor: 128]
Checksum: 0x28f7 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
[SEQ/ACK analysis]
[Timestamps]
TCP payload (238 bytes)
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: Thu, 11 Jun 2020 22:27:11 GMT\r\n
Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.6 mod_perl/2.0.11 Perl/v5.16.3\r\n
Connection: Keep-Alive\r\n
Keep-Alive: timeout=5, max=100\r\n
ETag: "80-5a7c8a869b2c2"\r\n
\r\n
[HTTP response 1/1]
[Time since request: 0.361216000 seconds]
[Request in frame: 87]
[Request URI: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file1.html]