

No.	Time	Source	Destination	Protocol	Length	Info
5306	12:35:44.335370	192.168.72.110	128.119.245.12	HTTP	527	GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1

Frame 5306: 527 bytes on wire (4216 bits), 527 bytes captured (4216 bits) on interface \Device\NPF\_{62C19989-78D0-4DB2-A5B6-3FCD3C043822}, id 0

Ethernet II, Src: LiteOnNetwor\_3f:b7:f7 (e0:be:03:3f:b7:f7), Dst: TPLink\_47:3f:f0 (1c:61:b4:47:3f:f0)

Destination: TPLink\_47:3f:f0 (1c:61:b4:47:3f:f0)

Source: LiteOnNetwor\_3f:b7:f7 (e0:be:03:3f:b7:f7)

Type: IPv4 (0x0800)

Internet Protocol Version 4, Src: 192.168.72.110, Dst: 128.119.245.12

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

Total Length: 513

Identification: 0xae5a (44634)

010. .... = Flags: 0x2, Don't fragment

...0 0000 0000 0000 = Fragment Offset: 0

Time to Live: 128

Protocol: TCP (6)

Header Checksum: 0xcc01 [validation disabled]

[Header checksum status: Unverified]

Source Address: 192.168.72.110

Destination Address: 128.119.245.12

Transmission Control Protocol, Src Port: 53129, Dst Port: 80, Seq: 1, Ack: 1, Len: 473

Source Port: 53129

Destination Port: 80

[Stream index: 23]

[Conversation completeness: Complete, WITH\_DATA (63)]

[TCP Segment Len: 473]

Sequence Number: 1 (relative sequence number)

Sequence Number (raw): 3672080601

[Next Sequence Number: 474 (relative sequence number)]

Acknowledgment Number: 1 (relative ack number)

Acknowledgment number (raw): 3718710508

0101 .... = Header Length: 20 bytes (5)

Flags: 0x018 (PSH, ACK)

Window: 1025

[Calculated window size: 262400]

[Window size scaling factor: 256]

Checksum: 0x797d [unverified]

[Checksum Status: Unverified]

Urgent Pointer: 0

[Timestamps]

[SEQ/ACK analysis]

TCP payload (473 bytes)

Hypertext Transfer Protocol

GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1\r\n

[Expert Info (Chat/Sequence): GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1\r\n]

Request Method: GET

Request URI: /wireshark-labs/INTRO-wireshark-file1.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/128.0.0.0 Safari/537.36\r\n

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,\*/\*;q=0.8,application/signed-exchange;v=b3;q=0.7\r\n

Accept-Encoding: gzip, deflate\r\n

Accept-Language: en-US,en;q=0.9\r\n

\r\n

[Full request URI: http://gaia.cs.umass.edu/wireshark-labs/INTRO-wireshark-file1.html]

[HTTP request 1/2]

[Response in frame: 5313]

[Next request in frame: 5314]

No.	Time	Source	Destination	Protocol	Length	Info
5313	12:35:44.613192	128.119.245.12	192.168.72.110	HTTP	492	HTTP/1.1 200 OK (text/html)

Frame 5313: 492 bytes on wire (3936 bits), 492 bytes captured (3936 bits) on interface \Device\NPF\_{62C19989-78D0-4DB2-A5B6-3FCD3C043822}, id 0

Ethernet II, Src: TPLink\_47:3f:f0 (1c:61:b4:47:3f:f0), Dst: LiteOnNetwor\_3f:b7:f7 (e0:be:03:3f:b7:f7)

Destination: LiteOnNetwor\_3f:b7:f7 (e0:be:03:3f:b7:f7)

Source: TPLink\_47:3f:f0 (1c:61:b4:47:3f:f0)

Type: IPv4 (0x0800)

Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.72.110

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

Total Length: 478

Identification: 0xb98d (47501)

010. .... = Flags: 0x2, Don't fragment

...0 0000 0000 0000 = Fragment Offset: 0

Time to Live: 35

Protocol: TCP (6)

Header Checksum: 0x1df2 [validation disabled]

[Header checksum status: Unverified]

Source Address: 128.119.245.12

Destination Address: 192.168.72.110  
Transmission Control Protocol, Src Port: 80, Dst Port: 53129, Seq: 1, Ack: 474, Len: 438  
Source Port: 80  
Destination Port: 53129  
[Stream index: 23]  
[Conversation completeness: Complete, WITH\_DATA (63)]  
[TCP Segment Len: 438]  
Sequence Number: 1 (relative sequence number)  
Sequence Number (raw): 3718710508  
[Next Sequence Number: 439 (relative sequence number)]  
Acknowledgment Number: 474 (relative ack number)  
Acknowledgment number (raw): 3672081074  
0101 .... = Header Length: 20 bytes (5)  
Flags: 0x018 (PSH, ACK)  
Window: 237  
[Calculated window size: 30336]  
[Window size scaling factor: 128]  
Checksum: 0x919c [unverified]  
[Checksum Status: Unverified]  
Urgent Pointer: 0  
[Timestamps]  
[SEQ/ACK analysis]  
TCP payload (438 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, 19 Sep 2024 05:35:44 GMT\r\n  
Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.33 mod\_perl/2.0.11 Perl/v5.16.3\r\n  
Last-Modified: Thu, 19 Sep 2024 05:35:01 GMT\r\n  
ETag: "51-6227248b4fa39"\r\n  
Accept-Ranges: bytes\r\n  
Content-Length: 81\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: 0.277822000 seconds]  
[Request in frame: 5306]  
[Next request in frame: 5314]  
[Next response in frame: 5315]  
[Request URI: http://gaia.cs.umass.edu/wireshark-labs/INTRO-wireshark-file1.html]  
File Data: 81 bytes  
Line-based text data: text/html (3 lines)