

No.	Time	Source	Destination	Protocol	Length	Info
	64 2020-04-10 09:54:05.333414	192.168.0.104	128.119.245.12	HTTP	503	GET /wireshark-labs/HTTP-wireshark-file1.html HTTP/1.1

Frame 64: 503 bytes on wire (4024 bits), 503 bytes captured (4024 bits) on interface \Device\NPF\_{8B2AC43E-1CB8-41A7-B95F-AC992137A31F}, id 0

Interface id: 0 (\Device\NPF\_{8B2AC43E-1CB8-41A7-B95F-AC992137A31F})  
Interface name: \Device\NPF\_{8B2AC43E-1CB8-41A7-B95F-AC992137A31F}  
Interface description: WLAN  
Encapsulation type: Ethernet (1)  
Arrival Time: Apr 10, 2020 09:54:05.333414000 中国标准时间  
[Time shift for this packet: 0.000000000 seconds]  
Epoch Time: 1586483645.333414000 seconds  
[Time delta from previous captured frame: 0.000109000 seconds]  
[Time delta from previous displayed frame: 0.000000000 seconds]  
[Time since reference or first frame: 1.626810000 seconds]  
Frame Number: 64  
Frame Length: 503 bytes (4024 bits)  
Capture Length: 503 bytes (4024 bits)  
[Frame is marked: False]  
[Frame is ignored: False]  
[Protocols in frame: eth:ethertype:ip:tcp:http]  
[Coloring Rule Name: HTTP]  
[Coloring Rule String: http || tcp.port == 80 || http2]

Ethernet II, Src: IntelCor\_5f:7d:9b (ac:ed:5c:5f:7d:9b), Dst: Tp-LinkT\_42:91:ba (20:6b:e7:42:91:ba)  
Destination: Tp-LinkT\_42:91:ba (20:6b:e7:42:91:ba)  
Address: Tp-LinkT\_42:91:ba (20:6b:e7:42:91:ba)  
.... 0. .... = LG bit: Globally unique address (factory default)  
.... 0 .... = IG bit: Individual address (unicast)  
Source: IntelCor\_5f:7d:9b (ac:ed:5c:5f:7d:9b)  
Address: IntelCor\_5f:7d:9b (ac:ed:5c:5f:7d:9b)  
.... 0. .... = LG bit: Globally unique address (factory default)  
.... 0 .... = IG bit: Individual address (unicast)  
Type: IPv4 (0x0800)

Internet Protocol Version 4, Src: 192.168.0.104, Dst: 128.119.245.12  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
Total Length: 489  
Identification: 0x204c (8268)  
Flags: 0x4000, Don't fragment  
0... .... = Reserved bit: Not set  
.1.. .... = Don't fragment: Set  
..0. .... = More fragments: Not set  
...0 0000 0000 0000 = Fragment offset: 0  
Time to live: 128  
Protocol: TCP (6)  
Header checksum: 0xa22e [validation disabled]  
[Header checksum status: Unverified]  
Source: 192.168.0.104  
Destination: 128.119.245.12

Transmission Control Protocol, Src Port: 57305, Dst Port: 80, Seq: 1, Ack: 1, Len: 449  
Source Port: 57305  
Destination Port: 80  
[Stream index: 2]  
[TCP Segment Len: 449]  
Sequence number: 1 (relative sequence number)  
Sequence number (raw): 829782788  
[Next sequence number: 450 (relative sequence number)]  
Acknowledgment number: 1 (relative ack number)  
Acknowledgment number (raw): 2385047124  
0101 .... = Header Length: 20 bytes (5)  
Flags: 0x018 (PSH, ACK)  
000. .... = Reserved: Not set  
...0 .... = Nonce: Not set  
.... 0... = Congestion Window Reduced (CWR): Not set  
.... .0.. = ECN-Echo: Not set  
.... ..0. = Urgent: Not set  
.... ...1 = Acknowledgment: Set  
.... ....1.. = Push: Set  
.... .... .0.. = Reset: Not set  
.... .... ..0. = Syn: Not set  
.... .... ...0 = Fin: Not set  
[TCP Flags: .....AP...]  
Window size value: 1024  
[Calculated window size: 262144]

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[Window size scaling factor: 256]
Checksum: 0xd5ac [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
[SEQ/ACK analysis]
    [iRTT: 0.326778000 seconds]
    [Bytes in flight: 449]
    [Bytes sent since last PSH flag: 449]
[Timestamps]
    [Time since first frame in this TCP stream: 0.326887000 seconds]
    [Time since previous frame in this TCP stream: 0.000109000 seconds]
TCP payload (449 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]
    [GET /wireshark-labs/HTTP-wireshark-file1.html HTTP/1.1\r\n]
    [Severity level: Chat]
    [Group: Sequence]
Request Method: GET
Request URI: /wireshark-labs/HTTP-wireshark-file1.html
Request Version: HTTP/1.1
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8\r\n
Accept-Language: zh-Hans-CN,zh-Hans;q=0.8,en-US;q=0.5,en;q=0.3\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/70.0.3538.102
Safari/537.36 Edge/18.18362\r\n
Accept-Encoding: gzip, deflate\r\n
Host: gaia.cs.umass.edu\r\n
Connection: Keep-Alive\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: 72]
No.      Time                               Source                Destination           Protocol Length Info
   72  2020-04-10 09:54:05.659044      128.119.245.12        192.168.0.104         HTTP           540    HTTP/1.1 200 OK (text/
html)
Frame 72: 540 bytes on wire (4320 bits), 540 bytes captured (4320 bits) on interface \Device\NPF_{8B2AC43E-1CB8-41A7-B95F-AC992137A31F}, id 0
    Interface id: 0 (\Device\NPF_{8B2AC43E-1CB8-41A7-B95F-AC992137A31F})
        Interface name: \Device\NPF_{8B2AC43E-1CB8-41A7-B95F-AC992137A31F}
        Interface description: WLAN
    Encapsulation type: Ethernet (1)
    Arrival Time: Apr 10, 2020 09:54:05.659044000 中国标准时间
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1586483645.659044000 seconds
    [Time delta from previous captured frame: 0.006325000 seconds]
    [Time delta from previous displayed frame: 0.325630000 seconds]
    [Time since reference or first frame: 1.952440000 seconds]
    Frame Number: 72
    Frame Length: 540 bytes (4320 bits)
    Capture Length: 540 bytes (4320 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ip:tcp:http:data-text-lines]
    [Coloring Rule Name: HTTP]
    [Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: Tp-LinkT_42:91:ba (20:6b:e7:42:91:ba), Dst: IntelCor_5f:7d:9b (ac:ed:5c:5f:7d:9b)
    Destination: IntelCor_5f:7d:9b (ac:ed:5c:5f:7d:9b)
        Address: IntelCor_5f:7d:9b (ac:ed:5c:5f:7d:9b)
            .... 0. .... = LG bit: Globally unique address (factory default)
            .... 0. .... = IG bit: Individual address (unicast)
    Source: Tp-LinkT_42:91:ba (20:6b:e7:42:91:ba)
        Address: Tp-LinkT_42:91:ba (20:6b:e7:42:91:ba)
            .... 0. .... = LG bit: Globally unique address (factory default)
            .... 0. .... = IG bit: Individual address (unicast)
    Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.0.104
    0100 .... = Version: 4
    .... 0101 = Header Length: 20 bytes (5)
    Differentiated Services Field: 0x04 (DSCP: LE, ECN: Not-ECT)
        0000 01.. = Differentiated Services Codepoint: Lower Effort (1)
        .... 00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    Total Length: 526
    Identification: 0x870c (34572)
    Flags: 0x4000, Don't fragment
        0... .... = Reserved bit: Not set
        .1.. .... = Don't fragment: Set
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    ..0. .... = More fragments: Not set
...0 0000 0000 0000 = Fragment offset: 0
Time to live: 43
Protocol: TCP (6)
Header checksum: 0x9045 [validation disabled]
[Header checksum status: Unverified]
Source: 128.119.245.12
Destination: 192.168.0.104
Transmission Control Protocol, Src Port: 80, Dst Port: 57305, Seq: 1, Ack: 450, Len: 486
Source Port: 80
Destination Port: 57305
[Stream index: 2]
[TCP Segment Len: 486]
Sequence number: 1 (relative sequence number)
Sequence number (raw): 2385047124
[Next sequence number: 487 (relative sequence number)]
Acknowledgment number: 450 (relative ack number)
Acknowledgment number (raw): 829783237
0101 .... = Header Length: 20 bytes (5)
Flags: 0x018 (PSH, ACK)
    000. .... = Reserved: Not set
    ...0 .... = Nonce: Not set
    .... 0... = Congestion Window Reduced (CWR): Not set
    .... .0.. = ECN-Echo: Not set
    .... ..0. = Urgent: Not set
    .... ...1 = Acknowledgment: Set
    .... .... 1... = Push: Set
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
[TCP Flags: .....AP...]
Window size value: 237
[Calculated window size: 30336]
[Window size scaling factor: 128]
Checksum: 0xccf3 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
[SEQ/ACK analysis]
    [iRTT: 0.326778000 seconds]
    [Bytes in flight: 486]
    [Bytes sent since last PSH flag: 486]
[Timestamps]
    [Time since first frame in this TCP stream: 0.652517000 seconds]
    [Time since previous frame in this TCP stream: 0.006325000 seconds]
TCP payload (486 bytes)
Hypertext Transfer Protocol
HTTP/1.1 200 OK\r\n
    [Expert Info (Chat/Sequence): HTTP/1.1 200 OK\r\n]
    [HTTP/1.1 200 OK\r\n]
    [Severity level: Chat]
    [Group: Sequence]
Response Version: HTTP/1.1
Status Code: 200
[Status Code Description: OK]
Response Phrase: OK
Date: Fri, 10 Apr 2020 01:54:05 GMT\r\n
Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/5.4.16 mod_perl/2.0.11 Perl/v5.16.3\r\n
Last-Modified: Thu, 09 Apr 2020 05:59:02 GMT\r\n
ETag: "80-5a2d5504e7903"\r\n
Accept-Ranges: bytes\r\n
Content-Length: 128\r\n
    [Content length: 128]
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: 0.325630000 seconds]
[Request in frame: 64]
[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)
<html>\n
Congratulations. You've downloaded the file \n
http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file1.html!\n
</html>\n

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