

No.	Time	Source	Destination	Protocol	Length	Info
217	17.966720	10.13.139.7	128.119.245.12	HTTP	454	GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1

Frame 217: 454 bytes on wire (3632 bits), 454 bytes captured (3632 bits) on interface \Device\NPF\_{F6CD4E5F-4A94-4B71-8D96-3437F449061F}, id 0

Section number: 1  
Interface id: 0 (\Device\NPF\_{F6CD4E5F-4A94-4B71-8D96-3437F449061F})  
Interface name: \Device\NPF\_{F6CD4E5F-4A94-4B71-8D96-3437F449061F}  
Interface description: Wi-Fi  
Encapsulation type: Ethernet (1)  
Arrival Time: Sep 22, 2023 11:31:28.010555000 Mountain Daylight Time  
[Time shift for this packet: 0.000000000 seconds]  
Epoch Time: 1695403888.010555000 seconds  
[Time delta from previous captured frame: 0.000407000 seconds]  
[Time delta from previous displayed frame: 0.000000000 seconds]  
[Time since reference or first frame: 17.966720000 seconds]  
Frame Number: 217  
Frame Length: 454 bytes (3632 bits)  
Capture Length: 454 bytes (3632 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: AzureWav\_2c:39:d1 (90:e8:68:2c:39:d1), Dst: Cisco\_94:75:1f (6c:8b:d3:94:75:1f)  
Destination: Cisco\_94:75:1f (6c:8b:d3:94:75:1f)  
Address: Cisco\_94:75:1f (6c:8b:d3:94:75:1f)  
.... ..0. .... = LG bit: Globally unique address (factory default)  
.... ..0. .... = IG bit: Individual address (unicast)  
Source: AzureWav\_2c:39:d1 (90:e8:68:2c:39:d1)  
Address: AzureWav\_2c:39:d1 (90:e8:68:2c:39:d1)  
.... ..0. .... = LG bit: Globally unique address (factory default)  
.... ..0. .... = IG bit: Individual address (unicast)  
Type: IPv4 (0x0800)  
Internet Protocol Version 4, Src: 10.13.139.7, 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: 440  
Identification: 0xe182 (57730)  
010. .... = Flags: 0x2, 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: 0xd25 [validation disabled]  
[Header checksum status: Unverified]  
Source Address: 10.13.139.7  
Destination Address: 128.119.245.12  
Transmission Control Protocol, Src Port: 56592, Dst Port: 80, Seq: 1, Ack: 1, Len: 400  
Source Port: 56592  
Destination Port: 80  
[Stream index: 12]  
[Conversation completeness: Complete, WITH\_DATA (31)]  
[TCP Segment Len: 400]  
Sequence Number: 1 (relative sequence number)  
Sequence Number (raw): 1417158146  
[Next Sequence Number: 401 (relative sequence number)]  
Acknowledgment Number: 1 (relative ack number)  
Acknowledgment number (raw): 1135788109  
0101 .... = Header Length: 20 bytes (5)  
Flags: 0x018 (PSH, ACK)  
000. .... = Reserved: Not set  
...0 .... = Accurate ECN: Not set  
.... 0... .... = Congestion Window Reduced: 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: 514  
[Calculated window size: 131584]  
[Window size scaling factor: 256]  
Checksum: 0xc407 [unverified]

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[Checksum Status: Unverified]
Urgent Pointer: 0
[Timestamps]
    [Time since first frame in this TCP stream: 0.070092000 seconds]
    [Time since previous frame in this TCP stream: 0.000407000 seconds]
[SEQ/ACK analysis]
    [iRTT: 0.069685000 seconds]
    [Bytes in flight: 400]
    [Bytes sent since last PSH flag: 400]
TCP payload (400 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]
        [GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1\r\n]
        [Severity level: Chat]
        [Group: Sequence]
    Request Method: GET
    Request URI: /wireshark-labs/INTRO-wireshark-file1.html
    Request Version: HTTP/1.1
Host: gaia.cs.umass.edu\r\n
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:109.0) Gecko/20100101 Firefox/117.0\r\n
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8\r\n
Accept-Language: en-US,en;q=0.5\r\n
Accept-Encoding: gzip, deflate\r\n
DNT: 1\r\n
Connection: keep-alive\r\n
Upgrade-Insecure-Requests: 1\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: 220]
[Next request in frame: 222]
No.      Time            Source                Destination            Protocol Length Info
  220  18.047782      128.119.245.12        10.13.139.7            HTTP      492    HTTP/1.1 200 OK (text/html)
Frame 220: 492 bytes on wire (3936 bits), 492 bytes captured (3936 bits) on interface \Device\NPF_{F6CD4E5F-4A94-4B71-8D96-3437F449061F}, id 0
    Section number: 1
    Interface id: 0 (\Device\NPF_{F6CD4E5F-4A94-4B71-8D96-3437F449061F})
        Interface name: \Device\NPF_{F6CD4E5F-4A94-4B71-8D96-3437F449061F}
        Interface description: Wi-Fi
    Encapsulation type: Ethernet (1)
    Arrival Time: Sep 22, 2023 11:31:28.091617000 Mountain Daylight Time
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1695403888.091617000 seconds
    [Time delta from previous captured frame: 0.000337000 seconds]
    [Time delta from previous displayed frame: 0.081062000 seconds]
    [Time since reference or first frame: 18.047782000 seconds]
    Frame Number: 220
    Frame Length: 492 bytes (3936 bits)
    Capture Length: 492 bytes (3936 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: Cisco_94:75:1f (6c:8b:d3:94:75:1f), Dst: AzureWav_2c:39:d1 (90:e8:68:2c:39:d1)
    Destination: AzureWav_2c:39:d1 (90:e8:68:2c:39:d1)
        Address: AzureWav_2c:39:d1 (90:e8:68:2c:39:d1)
        .... ..0. .... = LG bit: Globally unique address (factory default)
        .... ...0 .... = IG bit: Individual address (unicast)
    Source: Cisco_94:75:1f (6c:8b:d3:94:75:1f)
        Address: Cisco_94:75:1f (6c:8b:d3:94:75:1f)
        .... ..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: 10.13.139.7
    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: 478
    Identification: 0x1acc (6860)
    010. .... = Flags: 0x2, 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: 31
    Protocol: TCP (6)
    Header Checksum: 0x34b6 [validation disabled]
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[Header checksum status: Unverified]
Source Address: 128.119.245.12
Destination Address: 10.13.139.7
Transmission Control Protocol, Src Port: 80, Dst Port: 56592, Seq: 1, Ack: 401, Len: 438
Source Port: 80
Destination Port: 56592
[Stream index: 12]
[Conversation completeness: Complete, WITH_DATA (31)]
[TCP Segment Len: 438]
Sequence Number: 1 (relative sequence number)
Sequence Number (raw): 1135788109
[Next Sequence Number: 439 (relative sequence number)]
Acknowledgment Number: 401 (relative ack number)
Acknowledgment number (raw): 1417158546
0101 .... = Header Length: 20 bytes (5)
Flags: 0x018 (PSH, ACK)
  000. .... = Reserved: Not set
  ...0 .... = Accurate ECN: Not set
  .... 0... = Congestion Window Reduced: 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: 237
[Calculated window size: 30336]
[Window size scaling factor: 128]
Checksum: 0xdab3 [unverified]
[Checksum Status: Unverified]
Urgent Pointer: 0
[Timestamps]
  [Time since first frame in this TCP stream: 0.151154000 seconds]
  [Time since previous frame in this TCP stream: 0.000337000 seconds]
[SEQ/ACK analysis]
  [iRTT: 0.069685000 seconds]
  [Bytes in flight: 438]
  [Bytes sent since last PSH flag: 438]
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]
  [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, 22 Sep 2023 17:31:27 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: Fri, 22 Sep 2023 05:59:01 GMT\r\n
ETag: "51-605ec4e276cfa"\r\n
Accept-Ranges: bytes\r\n
Content-Length: 81\r\n
  [Content length: 81]
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: 0.081062000 seconds]
[Request in frame: 217]
[Next request in frame: 222]
[Next response in frame: 223]
[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)
<html>\n
Congratulations! You've downloaded the first Wireshark lab file!\n
</html>\n
```