

No.	Time	Source	Destination	Protocol	Length	Info
17681	43.078557321	172.20.15.185	128.119.245.12	HTTP	542	GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1

Frame 17681: 542 bytes on wire (4336 bits), 542 bytes captured (4336 bits) on interface wlp2s0, id 0
Interface id: 0 (wlp2s0)
Interface name: wlp2s0
Encapsulation type: Ethernet (1)
Arrival Time: Oct 11, 2020 18:57:14.328169902 +07
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1602417434.328169902 seconds
[Time delta from previous captured frame: 0.001326952 seconds]
[Time delta from previous displayed frame: 0.000000000 seconds]
[Time since reference or first frame: 43.078557321 seconds]
Frame Number: 17681
Frame Length: 542 bytes (4336 bits)
Capture Length: 542 bytes (4336 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_a9:87:1f (d0:c5:d3:a9:87:1f), Dst: Routerbo_f1:7b:49 (6c:3b:6b:f1:7b:49)
Destination: Routerbo_f1:7b:49 (6c:3b:6b:f1:7b:49)
Address: Routerbo_f1:7b:49 (6c:3b:6b:f1:7b:49)
.... 0. = LG bit: Globally unique address (factory default)
.... 0. = IG bit: Individual address (unicast)
Source: AzureWav_a9:87:1f (d0:c5:d3:a9:87:1f)
Address: AzureWav_a9:87:1f (d0:c5:d3:a9:87:1f)
.... 0. = LG bit: Globally unique address (factory default)
.... 0. = IG bit: Individual address (unicast)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 172.20.15.185, 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: 528
Identification: 0x11ce (4558)
Flags: 0x4000, Don't fragment
0... = Reserved bit: Not set
.1.. = Don't fragment: Set
..0. = More fragments: Not set
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0xf5c8 [validation disabled]
[Header checksum status: Unverified]
Source: 172.20.15.185
Destination: 128.119.245.12
Transmission Control Protocol, Src Port: 37142, Dst Port: 80, Seq: 1, Ack: 1, Len: 476
Source Port: 37142
Destination Port: 80
[Stream index: 13]
[TCP Segment Len: 476]
Sequence number: 1 (relative sequence number)
Sequence number (raw): 3970745939
[Next sequence number: 477 (relative sequence number)]
Acknowledgment number: 1 (relative ack number)
Acknowledgment number (raw): 1287489094
1000 = Header Length: 32 bytes (8)
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: 502
[Calculated window size: 64256]
[Window size scaling factor: 128]

Checksum: 0x8f6c [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
 TCP Option - No-Operation (NOP)
 Kind: No-Operation (1)
 TCP Option - No-Operation (NOP)
 Kind: No-Operation (1)
 TCP Option - Timestamps: TSval 1317972008, TSecr 192581537
 Kind: Time Stamp Option (8)
 Length: 10
 Timestamp value: 1317972008
 Timestamp echo reply: 192581537

[SEQ/ACK analysis]

 [iRTT: 0.238524228 seconds]
 [Bytes in flight: 476]
 [Bytes sent since last PSH flag: 476]

[Timestamps]

 [Time since first frame in this TCP stream: 0.239851180 seconds]
 [Time since previous frame in this TCP stream: 0.001326952 seconds]

TCP payload (476 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
Connection: keep-alive\r\n
Upgrade-Insecure-Requests: 1\r\n
User-Agent: Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/
85.0.4183.102 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=0.9\r\n
 Accept-Encoding: gzip, deflate\r\n
 Accept-Language: en-US,en;q=0.9,vi;q=0.8\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: 17780]
[Next request in frame: 17785]