

No.	Time	Source	Destination	Protocol	Length	Info
52	13:28:30.019794	10.76.122.208	128.119.245.12	HTTP	574	GET /wireshark-labs/INTRO-wireshark-file1.html

HTTP/1.1

Frame 52: 574 bytes on wire (4592 bits), 574 bytes captured (4592 bits) on interface \Device\NPF_{6C37E4A8-F89D-4F23-89D5-923F6E8998B0}, id 1

Section number: 1

Interface id: 1 (\Device\NPF_{6C37E4A8-F89D-4F23-89D5-923F6E8998B0})

Interface name: \Device\NPF_{6C37E4A8-F89D-4F23-89D5-923F6E8998B0}

Interface description: WLAN

Encapsulation type: Ethernet (1)

Arrival Time: Sep 3, 2025 13:28:30.019794000 中国标准时间

UTC Arrival Time: Sep 3, 2025 05:28:30.019794000 UTC

Epoch Arrival Time: 1756877310.019794000

[Time shift for this packet: 0.000000000 seconds]

[Time delta from previous captured frame: 0.000299000 seconds]

[Time delta from previous displayed frame: 0.000000000 seconds]

[Time since reference or first frame: 5.225085000 seconds]

Frame Number: 52

Frame Length: 574 bytes (4592 bits)

Capture Length: 574 bytes (4592 bits)

[Frame is marked: True]

[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: CloudNetwork_ff:e6:df (14:ac:60:ff:e6:df), Dst: IETF-VRRP-VRID_01 (00:00:5e:00:01:01)

Destination: IETF-VRRP-VRID_01 (00:00:5e:00:01:01)

.... 0. = LG bit: Globally unique address (factory default)

.... 0 = IG bit: Individual address (unicast)

Source: CloudNetwork_ff:e6:df (14:ac:60:ff:e6:df)

.... 0. = LG bit: Globally unique address (factory default)

.... 0 = IG bit: Individual address (unicast)

Type: IPv4 (0x0800)

[Stream index: 0]

Internet Protocol Version 4, Src: 10.76.122.208, 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: 560

Identification: 0xfef3 (65267)

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: 0xff33 [validation disabled]

[Header checksum status: Unverified]

Source Address: 10.76.122.208

Destination Address: 128.119.245.12

[Stream index: 4]

Transmission Control Protocol, Src Port: 63714, Dst Port: 80, Seq: 1, Ack: 1, Len: 520

Source Port: 63714

Destination Port: 80

[Stream index: 4]

[Stream Packet Number: 4]

[Conversation completeness: Incomplete, DATA (15)]

..0. = RST: Absent

...0 = FIN: Absent

.... 1... = Data: Present

.... .1.. = ACK: Present

.... ..1. = SYN-ACK: Present

.... ...1 = SYN: Present

[Completeness Flags: ..DASS]

[TCP Segment Len: 520]

Sequence Number: 1 (relative sequence number)

Sequence Number (raw): 2613869698

[Next Sequence Number: 521 (relative sequence number)]

Acknowledgment Number: 1 (relative ack number)

Acknowledgment number (raw): 2200440152

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: 255

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[Calculated window size: 65280]
[Window size scaling factor: 256]
Checksum: 0xaffe [unverified]
[Checksum Status: Unverified]
Urgent Pointer: 0
[Timestamps]
  [Time since first frame in this TCP stream: 0.295840000 seconds]
  [Time since previous frame in this TCP stream: 0.000334000 seconds]
[SEQ/ACK analysis]
  [iRTT: 0.295506000 seconds]
  [Bytes in flight: 520]
  [Bytes sent since last PSH flag: 520]
TCP payload (520 bytes)
Hypertext Transfer Protocol
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/139.0.0.0 Safari/537.36 Edg/139.0.0.0\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: zh-CN,zh;q=0.9,en;q=0.8,en-GB;q=0.7,en-US;q=0.6\r\n
\r\n
[Response in frame: 60]
  [Full request URI: http://gaia.cs.umass.edu/wireshark-labs/INTRO-wireshark-file1.html]
No.      Time                Source                Destination            Protocol Length Info
   60 13:28:30.301146    128.119.245.12        10.76.122.208         HTTP      492      HTTP/1.1 200 OK (text/html)
Frame 60: 492 bytes on wire (3936 bits), 492 bytes captured (3936 bits) on interface \Device\NPF_{6C37E4A8-F89D-4F23-89D5-923F6E8998B0}, id 1
  Section number: 1
  Interface id: 1 (\Device\NPF_{6C37E4A8-F89D-4F23-89D5-923F6E8998B0})
    Interface name: \Device\NPF_{6C37E4A8-F89D-4F23-89D5-923F6E8998B0}
    Interface description: WLAN
  Encapsulation type: Ethernet (1)
  Arrival Time: Sep  3, 2025 13:28:30.301146000 中国标准时间
  UTC Arrival Time: Sep  3, 2025 05:28:30.301146000 UTC
  Epoch Arrival Time: 1756877310.301146000
  [Time shift for this packet: 0.000000000 seconds]
  [Time delta from previous captured frame: 0.000000000 seconds]
  [Time delta from previous displayed frame: 0.281352000 seconds]
  [Time since reference or first frame: 5.506437000 seconds]
  Frame Number: 60
  Frame Length: 492 bytes (3936 bits)
  Capture Length: 492 bytes (3936 bits)
  [Frame is marked: True]
  [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: IETF-VRRP-VRID_01 (00:00:5e:00:01:01), Dst: CloudNetwork_ff:e6:df (14:ac:60:ff:e6:df)
  Destination: CloudNetwork_ff:e6:df (14:ac:60:ff:e6:df)
    .... 0. .... = LG bit: Globally unique address (factory default)
    .... 0. .... = IG bit: Individual address (unicast)
  Source: IETF-VRRP-VRID_01 (00:00:5e:00:01:01)
    .... 0. .... = LG bit: Globally unique address (factory default)
    .... 0. .... = IG bit: Individual address (unicast)
  Type: IPv4 (0x0800)
  [Stream index: 0]
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 10.76.122.208
  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: 478
  Identification: 0x394e (14670)
  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: 40
  Protocol: TCP (6)
  Header Checksum: 0x1d28 [validation disabled]
  [Header checksum status: Unverified]
  Source Address: 128.119.245.12
  Destination Address: 10.76.122.208
  [Stream index: 4]
Transmission Control Protocol, Src Port: 80, Dst Port: 63714, Seq: 1, Ack: 521, Len: 438
  Source Port: 80
  Destination Port: 63714
  [Stream index: 4]
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[Stream Packet Number: 6]
[Conversation completeness: Incomplete, DATA (15)]
  ..0. .... = RST: Absent
  ...0 .... = FIN: Absent
  .... 1... = Data: Present
  .... .1.. = ACK: Present
  .... ..1. = SYN-ACK: Present
  .... ...1 = SYN: Present
[Completeness Flags: ..DASS]
[TCP Segment Len: 438]
Sequence Number: 1      (relative sequence number)
Sequence Number (raw): 2200440152
[Next Sequence Number: 439      (relative sequence number)]
Acknowledgment Number: 521      (relative ack number)
Acknowledgment number (raw): 2613870218
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: 0x970a [unverified]
[Checksum Status: Unverified]
Urgent Pointer: 0
[Timestamps]
  [Time since first frame in this TCP stream: 0.577192000 seconds]
  [Time since previous frame in this TCP stream: 0.000000000 seconds]
[SEQ/ACK analysis]
  [iRTT: 0.295506000 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
  Response Version: HTTP/1.1
  Status Code: 200
  [Status Code Description: OK]
  Response Phrase: OK
Date: Wed, 03 Sep 2025 05:28:38 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: Wed, 03 Sep 2025 05:28:01 GMT\r\n
ETag: "51-63ddede49613e"\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
[Request in frame: 52]
[Time since request: 0.281352000 seconds]
[Request URI: /wireshark-labs/INTRO-wireshark-file1.html]
[Full 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

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