

Shahad Bin Himd
Ibrahim waziri
IT 520
LAB1

What is the Internet address of your computer?
2601 5cc c800 2b9 1c1a 6346 de19 89c1

The image shows a Wireshark packet capture window. The top toolbar indicates "Capturing from Wi-Fi: en1". The packet list shows 10 packets. Packet 10 is selected, showing details for an IPv6 packet. The source address is highlighted in yellow: 2601:5cc:c800:2b9:1c1a:6346:de19:89c1. The destination address is 2607:f8b0:4004:80b::200e. The packet details show the source address as Apple_18:2e:2e (f0:b4:79:18:2e:2e) and the destination as 2607:f8b0:4004:80b::200e. The packet type is IPv6 (0x86dd). The packet details also show the traffic class and flow label.

| No. | Time | Source | Destination | Protocol | Length | Info |
|-----|----------|------------------------|------------------------|----------|--------|--|
| 1 | 0.000000 | 2601:5cc:c800:2b9:... | 2607:f8b0:4004:80b:... | TCP | 74 | 64118 → 443 [ACK] Seq=1 Ack=1 Win=4096 Len=0 |
| 2 | 0.019546 | 2607:f8b0:4004:80b:... | 2601:5cc:c800:2b9:... | TCP | 86 | [TCP ACKed unseen segment] 443 → 64118 [ACK] Seq=1 Ack=2 Win=215 Len=0 TSval=2 |
| 3 | 0.501043 | 10.0.0.133 | 198.91.36.196 | TCP | 54 | 64189 → 443 [ACK] Seq=1 Ack=1 Win=4096 Len=0 |
| 4 | 0.529116 | 198.91.36.196 | 10.0.0.133 | TCP | 66 | [TCP ACKed unseen segment] 443 → 64189 [ACK] Seq=1 Ack=2 Win=514 Len=0 TSval=1 |
| 5 | 1.615884 | SamsungE_67:05:2d | Broadcast | ARP | 60 | Who has 10.0.0.1? Tell 10.0.0.39 |
| 6 | 1.615945 | 10.0.0.39 | 224.0.0.7 | UDP | 234 | 8001 → 8001 Len=192 |
| 7 | 1.616004 | DishTech_ba:e9:e8 | Broadcast | STP | 52 | Conf. Root = 32768/40/28:57:67:ba:e9:e6 Cost = 0 Port = 0x1002 |
| 8 | 2.844748 | fe80::461c:12ff:fe... | ff02::1 | ICMPv6 | 174 | Router Advertisement from 44:1c:12:3c:55:7a |
| 9 | 2.844763 | 10.0.0.39 | 10.0.0.255 | UDP | 77 | 56941 → 15600 Len=35 |
| 10 | 3.043971 | 10.0.0.133 | 172.217.7.162 | TCP | 54 | 64123 → 443 [ACK] Seq=1 Ack=1 Win=4096 Len=0 |

... .. = LG bit: Globally unique address (factory default)
... .. = IG bit: Individual address (unicast)

▼ Source: Apple_18:2e:2e (f0:b4:79:18:2e:2e)
Address: Apple_18:2e:2e (f0:b4:79:18:2e:2e)
... .. = LG bit: Globally unique address (factory default)
... .. = IG bit: Individual address (unicast)
Type: IPv6 (0x86dd)

▼ Internet Protocol Version 6, Src: 2601:5cc:c800:2b9:1c1a:6346:de19:89c1, Dst: 2607:f8b0:4004:80b::200e
0110 = Version: 6
► 0000 0000 = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0001 0001 1111 0001 0011 = Flow Label: 0x11f13

0000 44 1c 12 3c 55 7a f0 b4 79 18 2e 2e 86 dd 60 01 D...<Uz...y...
0010 1f 13 00 14 06 40 26 01 05 cc c8 00 02 b9 1c 1a@&.....
0020 63 46 de 19 89 c1 26 07 f8 b0 40 04 08 0b 00 00 cF....&...@.....
0030 00 00 00 00 20 0e fa 76 01 bb 67 b5 6a 63 57 3ev...g.jcW>
0040 bb de 50 10 10 00 59 d5 00 00 ..P...Y..

Specifies if this is an individual (unicast) or group (broadcast/multicast) address (eth.ig), 3 bytes Packets: 1432 · Displayed: 1432 (100.0%) Profile: Default

List 3 different protocols that appear in the protocol column in the unfiltered packet-listing window in step 7 above.

HTTP – OCSP - HTTP

Wireshark packet capture window showing a list of network packets. The 'Protocol' column highlights HTTP, OCSP, and HTTP. The selected packet (No. 119) is expanded to show details: Ethernet II, Internet Protocol Version 4, and Transmission Control Protocol. The packet bytes are displayed at the bottom.

| No. | Time | Source | Destination | Protocol | Length | Info |
|------|----------|---------------|---------------|----------|--------|---|
| 119 | 0.734260 | 10.0.0.133 | 72.21.91.29 | HTTP | 337 | GET /MFYwVKADAgEAME0wSzBJMAkGBSs0AwIaBQAEF0e8Aj%2Bc3j2o9MljapNC1%2BQvG08QBBSjn |
| 128 | 0.758215 | 72.21.91.29 | 10.0.0.133 | OCSP | 715 | Response |
| 309 | 1.103145 | 10.0.0.133 | 72.21.91.29 | HTTP | 339 | GET /MFYwVKADAgEAME0wSzBJMAkGBSs0AwIaBQAEF0e8Aj%2Bc3j2o9MljapNC1%2BQvG08QBBSjn |
| 349 | 1.127537 | 72.21.91.29 | 10.0.0.133 | OCSP | 716 | Response |
| 1161 | 2.689829 | 10.0.0.133 | 50.16.71.152 | HTTP | 596 | GET /tag/partner/222?pixel_mode=pixel&dc_id=37eb5ada785f48379dc2ad666d1bacd1&c |
| 1166 | 2.717638 | 50.16.71.152 | 10.0.0.133 | HTTP | 936 | HTTP/1.1 302 Found |
| 1235 | 2.994416 | 10.0.0.133 | 162.223.54.16 | HTTP | 760 | GET /?ula=1&dc_id=37eb5ada785f48379dc2ad666d1bacd1&cb=http%3A%2F%2Ftag%2Fecogoc |
| 1303 | 3.038638 | 162.223.54.16 | 10.0.0.133 | HTTP | 1185 | HTTP/1.1 302 Found (text/html) |
| 1309 | 3.054072 | 10.0.0.133 | 72.21.91.29 | HTTP | 337 | GET /MFYwVKADAgEAME0wSzBJMAkGBSs0AwIaBQAEF0e8Aj%2Bc3j2o9MljapNC1%2BQvG08QBBSjn |
| 1319 | 3.077234 | 72.21.91.29 | 10.0.0.133 | OCSP | 715 | Response |

▶ Frame 119: 337 bytes on wire (2696 bits), 337 bytes captured (2696 bits) on interface 0

▼ Ethernet II, Src: Apple_18:2e:2e (f0:b4:79:18:2e:2e), Dst: Technico_3c:55:7a (44:1c:12:3c:55:7a)

- ▶ Destination: Technico_3c:55:7a (44:1c:12:3c:55:7a)
- ▶ Source: Apple_18:2e:2e (f0:b4:79:18:2e:2e)
- Type: IPv4 (0x0800)

▶ Internet Protocol Version 4, Src: 10.0.0.133, Dst: 72.21.91.29

▼ Transmission Control Protocol, Src Port: 64609, Dst Port: 80, Seq: 1, Ack: 1, Len: 271

- Source Port: 64609
- Destination Port: 80
- [Stream index: 7]
- [TCP Segment Len: 271]

0020 5b 1d fc 61 00 50 54 b5 b5 31 33 e9 57 c0 80 18 [...]a.PT. 13.W...

0030 10 15 76 3f 00 00 01 01 08 0a 1b c4 77 f7 12 70 [...]v?....w.p

0040 73 ed 47 45 54 20 2f 4d 46 59 77 56 4b 41 44 41 s:GET /M FYwVKADA

0050 67 45 41 4d 45 30 77 53 7a 42 4a 4d 41 6b 47 42 gEAME0wS zBJMAkGB

0060 53 73 4f 41 77 49 61 42 51 41 45 46 4f 65 38 41 Ss0AwIaB QAEF0e8A

0070 6a 25 32 42 63 33 6a 32 6f 39 4d 6c 6a 61 70 4e j%2Bc3j2 o9MljapN

0080 43 31 25 32 42 51 76 47 4f 38 51 42 42 53 6a 6e C1%2BQvG 08QBBSjn

0090 65 59 66 25 32 42 64 6f 35 54 38 42 75 36 4a 48 eYf%2Bdo 5T8Bu6JH

00a0 4c 6c 61 58 61 4d 65 49 4b 6e 77 49 51 41 34 35 LlaXaMeI KnwIQA45

00b0 75 44 6e 6c 37 45 61 31 67 65 32 6e 6f 32 47 6e uDnl7Ea1 ge2no2Gn

00c0 4c 41 67 25 33 44 25 33 44 20 48 54 50 2f 31 LAg%3D%3 D HTTP/1

00d0 2e 31 0d 0a 48 6f 73 74 3a 20 6f 63 73 70 2e 64 .1..Host : ocsp.d

00e0 69 67 69 63 65 72 74 2e 63 6f 6d 0d 0a 43 6f 6e igicert. com..Con

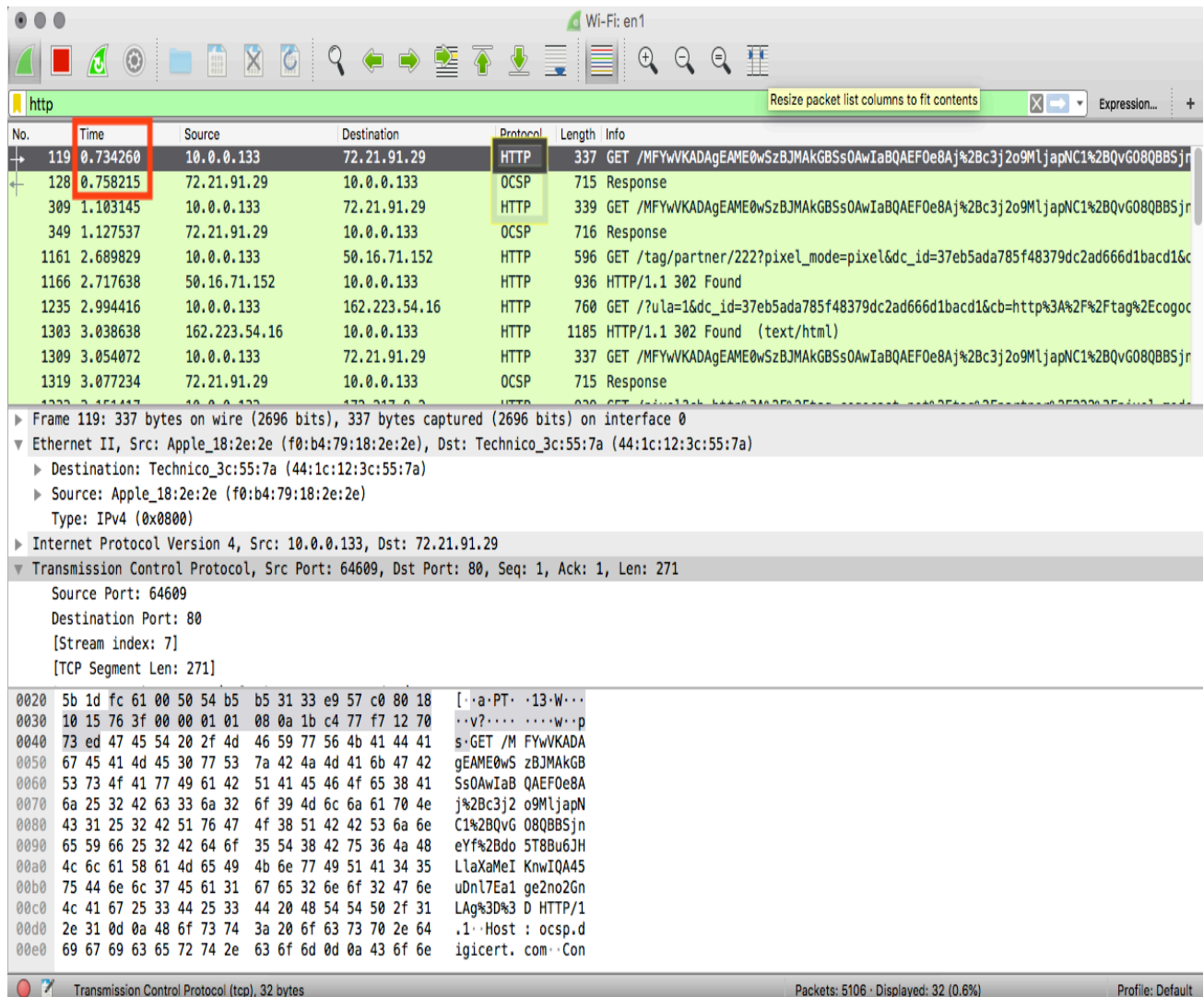
Transmission Control Protocol (tcp), 32 bytes

Packets: 5106 · Displayed: 32 (0.6%)

Profile: Default

3. How long did it take from when the HTTP GET message was sent until the HTTP OK reply was received? (By default, the value of the Time column in the packet-listing window is the amount of time, in seconds, since Wireshark tracing began. To display the Time field in time-of-day format, select the Wireshark *View* pull down menu, then select *Time Display Format*, then select *Time-of-day*.)

0.023955



Wi-Fi: en1

http

Resize packet list columns to fit contents

| No. | Time | Source | Destination | Protocol | Length | Info |
|------|----------|---------------|---------------|----------|--------|--|
| 119 | 0.734260 | 10.0.0.133 | 72.21.91.29 | HTTP | 337 | GET /MFYwVKADAgEAME0wSzBJMAkGBSs0AwIaBQAEF0e8Aj%2Bc3j2o9MljapNC1%2BQvG08QBBSjr |
| 128 | 0.758215 | 72.21.91.29 | 10.0.0.133 | OCSP | 715 | Response |
| 309 | 1.103145 | 10.0.0.133 | 72.21.91.29 | HTTP | 339 | GET /MFYwVKADAgEAME0wSzBJMAkGBSs0AwIaBQAEF0e8Aj%2Bc3j2o9MljapNC1%2BQvG08QBBSjr |
| 349 | 1.127537 | 72.21.91.29 | 10.0.0.133 | OCSP | 716 | Response |
| 1161 | 2.689829 | 10.0.0.133 | 50.16.71.152 | HTTP | 596 | GET /tag/partner/222?pixel_mode=pixel&dc_id=37eb5ada785f48379dc2ad666d1bacd1&c |
| 1166 | 2.717638 | 50.16.71.152 | 10.0.0.133 | HTTP | 936 | HTTP/1.1 302 Found |
| 1235 | 2.994416 | 10.0.0.133 | 162.223.54.16 | HTTP | 760 | GET /?ula=1&dc_id=37eb5ada785f48379dc2ad666d1bacd1&cb=http%3A%2F%2Ftag%2Ecogoc |
| 1303 | 3.038638 | 162.223.54.16 | 10.0.0.133 | HTTP | 1185 | HTTP/1.1 302 Found (text/html) |
| 1309 | 3.054072 | 10.0.0.133 | 72.21.91.29 | HTTP | 337 | GET /MFYwVKADAgEAME0wSzBJMAkGBSs0AwIaBQAEF0e8Aj%2Bc3j2o9MljapNC1%2BQvG08QBBSjr |
| 1319 | 3.077234 | 72.21.91.29 | 10.0.0.133 | OCSP | 715 | Response |

▶ Frame 119: 337 bytes on wire (2696 bits), 337 bytes captured (2696 bits) on interface 0

▼ Ethernet II, Src: Apple_18:2e:2e (f0:b4:79:18:2e:2e), Dst: Technico_3c:55:7a (44:1c:12:3c:55:7a)

▶ Destination: Technico_3c:55:7a (44:1c:12:3c:55:7a)

▶ Source: Apple_18:2e:2e (f0:b4:79:18:2e:2e)

Type: IPv4 (0x0800)

▶ Internet Protocol Version 4, Src: 10.0.0.133, Dst: 72.21.91.29

▼ Transmission Control Protocol, Src Port: 64609, Dst Port: 80, Seq: 1, Ack: 1, Len: 271

Source Port: 64609

Destination Port: 80

[Stream index: 7]

[TCP Segment Len: 271]

0020 5b 1d fc 61 00 50 54 b5 b5 31 33 e9 57 c0 80 18 [...]a·PT· ·13·W· ·

0030 10 15 76 3f 00 00 01 01 08 0a 1b c4 77 f7 12 70 [...]v?· · · · ·w· ·p

0040 73 ed 47 45 54 20 2f 4d 46 59 77 56 4b 41 44 41 s·GET /M FYwVKADA

0050 67 45 41 4d 45 30 77 53 7a 42 4a 4d 41 6b 47 42 gEAME0wS zBJMAkGB

0060 53 73 4f 41 77 49 61 42 51 41 45 46 4f 65 38 41 Ss0AwIaB QAEF0e8A

0070 6a 25 32 42 63 33 6a 32 6f 39 4d 6c 6a 61 70 4e j%2Bc3j2 o9MljapN

0080 43 31 25 32 42 51 76 47 4f 38 51 42 42 53 6a 6e C1%2BQvG 08QBBSjn

0090 65 59 66 25 32 42 64 6f 35 54 38 42 75 36 4a 48 eYf%2Bdo 5T8Bu6jH

00a0 4c 6c 61 58 61 4d 65 49 4b 6e 77 49 51 41 34 35 LLaXaMeI KnwIQa45

00b0 75 44 6e 6c 37 45 61 31 67 65 32 6e 6f 32 47 6e uDn17Ea1 ge2no2Gn

00c0 4c 41 67 25 33 44 25 33 44 20 48 54 54 50 2f 31 LAg%3D%3 D HTTP/1

00d0 2e 31 0d 0a 48 6f 73 74 3a 20 6f 63 73 70 2e 64 .1· ·Host : ocsp.d

00e0 69 67 69 63 65 72 74 2e 63 6f 6d 0d 0a 43 6f 6e igicert. com· ·Con

Transmission Control Protocol (tcp), 32 bytes

Packets: 5106 · Displayed: 32 (0.6%)

Profile: Default

What is the Internet address of the gaia.cs.umass.edu (also known as www-net.cs.umass.edu)?

10.0.0.133

The image shows a Wireshark packet capture window. The top toolbar indicates 'Capturing from Wi-Fi: en1'. The packet list pane shows several HTTP packets. Packet 89 is selected, showing a GET request for '/wireshark-labs/INTRO-wireshark-file1.html' from 10.0.0.133 to 128.119.245.12. The packet details pane shows the structure of the packet: Ethernet II, Internet Protocol Version 4, and TCP. The packet bytes pane shows the raw data in hexadecimal and ASCII. The status bar at the bottom indicates 'This frame has some of the TCP analysis shown (tcp.analysis)', 'Packets: 6424 · Displayed: 60 (0.9%)', and 'Profile: Default'.

| No. | Time | Source | Destination | Protocol | Length | Info |
|-----|-----------|----------------|----------------|----------|--------|---|
| 18 | 2.026875 | 10.0.0.179 | 10.0.0.133 | HTTP | 310 | HTTP/1.1 304 Not Modified |
| 25 | 2.070046 | 10.0.0.133 | 10.0.0.179 | HTTP | 187 | GET /EventMgmt/EventTable?timeout=300 HTTP/1.1 |
| 89 | 14.475267 | 10.0.0.133 | 128.119.245.12 | HTTP | 618 | GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1 |
| 94 | 14.510973 | 128.119.245.12 | 10.0.0.133 | HTTP | 305 | HTTP/1.1 304 Not Modified |
| 191 | 32.151640 | 10.0.0.179 | 10.0.0.133 | HTTP | 310 | HTTP/1.1 304 Not Modified |
| 198 | 32.207861 | 10.0.0.133 | 10.0.0.179 | HTTP | 187 | GET /EventMgmt/EventTable?timeout=300 HTTP/1.1 |
| 328 | 62.274499 | 10.0.0.179 | 10.0.0.133 | HTTP | 310 | HTTP/1.1 304 Not Modified |
| 335 | 62.338627 | 10.0.0.133 | 10.0.0.179 | HTTP | 187 | GET /EventMgmt/EventTable?timeout=300 HTTP/1.1 |
| 501 | 92.776742 | 10.0.0.179 | 10.0.0.133 | HTTP | 310 | HTTP/1.1 304 Not Modified |
| 508 | 92.837658 | 10.0.0.133 | 10.0.0.179 | HTTP | 187 | GET /EventMgmt/EventTable?timeout=300 HTTP/1.1 |

▶ Frame 89: 618 bytes on wire (4944 bits), 618 bytes captured (4944 bits) on interface 0

▶ Ethernet II, Src: Apple_18:2e:2e (f0:b4:79:18:2e:2e), Dst: Technico_3c:55:7a (44:1c:12:3c:55:7a)

▼ Internet Protocol Version 4, Src: 10.0.0.133, 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: 604
- Identification: 0x0000 (0)
- ▶ Flags: 0x4000, Don't fragment
- Time to live: 64
- Protocol: TCP (6)

0020 f5 0c fd 43 00 50 2e 5e db 4d ad d1 36 9c 80 18 ...C.P.^..M..6...

0030 10 15 b8 bc 00 00 01 01 08 0a 1b cf cc c5 d5 8b

0040 99 ec 47 45 54 20 2f 77 69 72 65 73 68 61 72 6b ..GET /w ireshark

0050 2d 6c 61 62 73 2f 49 4e 54 52 4f 2d 77 69 72 65 -labs/IN TRO-wire

0060 73 68 61 72 6b 2d 66 69 6c 65 31 2e 68 74 6d 6c shark-fi le1.html

0070 20 48 54 54 50 2f 31 2e 31 0d 0a 48 6f 73 74 3a HTTP/1. 1..Host:

0080 20 67 61 69 61 2e 63 73 2e 75 6d 61 73 73 2e 65 gaia.cs .umass.e

0090 64 75 0d 0a 43 6f 6e 6e 65 63 74 69 6f 6e 3a 20 du..Conn ection:

00a0 6b 65 65 70 2d 61 6c 69 76 65 0d 0a 43 61 63 68 keep-ali ve..Cach

00b0 65 2d 43 6f 6e 74 72 6f 6c 3a 20 6d 61 78 2d 61 e-Contro l: max-a

00c0 67 65 3d 30 0d 0a 55 70 67 72 61 64 65 2d 49 6e ge=0..Up grade-In

00d0 73 65 63 75 72 65 2d 52 65 71 75 65 73 74 73 3a secure-R equests:

00e0 20 31 0d 0a 55 73 65 72 2d 41 67 65 6e 74 3a 20 1..User -Agent:

This frame has some of the TCP analysis shown (tcp.analysis) Packets: 6424 · Displayed: 60 (0.9%) Profile: Default

5- A get

/var/folders/7n/7s6q636n28b9cyb16svls__w0000gn/T//wireshark_en1_20190129213312_WBloVy.pcapng 11225 total packets, 108 shown

| No. | Time | Source | Destination | Protocol | Length | Info |
|-----|----------|------------|-------------|----------|--------|-------|
| 25 | 2.070046 | 10.0.0.133 | 10.0.0.179 | HTTP | 187 | GET / |

EventMgmt/EventTable?timeout=300 HTTP/1.1
Frame 25: 187 bytes on wire (1496 bits), 187 bytes captured (1496 bits) on interface 0
Interface id: 0 (en1)
Interface name: en1
Encapsulation type: Ethernet (1)
Arrival Time: Jan 29, 2019 21:33:15.170040000 EST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1548815595.170040000 seconds
[Time delta from previous captured frame: 0.000487000 seconds]
[Time delta from previous displayed frame: 0.043171000 seconds]
[Time since reference or first frame: 2.070046000 seconds]
Frame Number: 25
Frame Length: 187 bytes (1496 bits)
Capture Length: 187 bytes (1496 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: Apple_18:2e:2e (f0:b4:79:18:2e:2e), Dst: HewlettP_64:7b:64 (5c:b9:01:64:7b:64)
Destination: HewlettP_64:7b:64 (5c:b9:01:64:7b:64)
Address: HewlettP_64:7b:64 (5c:b9:01:64:7b:64)
.... ..0. = LG bit: Globally unique address (factory default)
.... ..0. = IG bit: Individual address (unicast)
Source: Apple_18:2e:2e (f0:b4:79:18:2e:2e)
Address: Apple_18:2e:2e (f0:b4:79:18:2e:2e)
.... ..0. = LG bit: Globally unique address (factory default)
.... ..0. = IG bit: Individual address (unicast)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 10.0.0.133, Dst: 10.0.0.179
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: 173
Identification: 0x0000 (0)
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: 64
Protocol: TCP (6)
Header checksum: 0x2514 [validation disabled]
[Header checksum status: Unverified]
Source: 10.0.0.133
Destination: 10.0.0.179
Transmission Control Protocol, Src Port: 64834, Dst Port: 8080, Seq: 1, Ack: 1, Len: 121
Source Port: 64834
Destination Port: 8080
[Stream index: 3]
[TCP Segment Len: 121]
Sequence number: 1 (relative sequence number)
[Next sequence number: 122 (relative sequence number)]
Acknowledgment number: 1 (relative ack number)
1000 = Header Length: 32 bytes (8)
Flags: 0x0018 (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

5-B Ok

/var/folders/7n/7s6q636n28b9cyb16svls__w0000gn/T//wireshark_en1_20190129213312_WBloVy.pcapng 12477 total packets, 132 shown

| No. | Time | Source | Destination | Protocol | Length | Info |
|-----|-----------|----------------|-------------|----------|--------|--------------|
| 94 | 14.510973 | 128.119.245.12 | 10.0.0.133 | HTTP | 305 | HTTP/1.1 304 |

Not Modified

Frame 94: 305 bytes on wire (2440 bits), 305 bytes captured (2440 bits) on interface 0

Interface id: 0 (en1)

Interface name: en1

Encapsulation type: Ethernet (1)

Arrival Time: Jan 29, 2019 21:33:27.610967000 EST

[Time shift for this packet: 0.000000000 seconds]

Epoch Time: 1548815607.610967000 seconds

[Time delta from previous captured frame: 0.000002000 seconds]

[Time delta from previous displayed frame: 0.035706000 seconds]

[Time since reference or first frame: 14.510973000 seconds]

Frame Number: 94

Frame Length: 305 bytes (2440 bits)

Capture Length: 305 bytes (2440 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: Technico_3c:55:7a (44:1c:12:3c:55:7a), Dst: Apple_18:2e:2e (f0:b4:79:18:2e:2e)

Destination: Apple_18:2e:2e (f0:b4:79:18:2e:2e)

Address: Apple_18:2e:2e (f0:b4:79:18:2e:2e)

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

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

Source: Technico_3c:55:7a (44:1c:12:3c:55:7a)

Address: Technico_3c:55:7a (44:1c:12:3c:55:7a)

.... 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: 10.0.0.133

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: 291

Identification: 0xac8e (44174)

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: 48

Protocol: TCP (6)

Header checksum: 0x1d3e [validation disabled]

[Header checksum status: Unverified]

Source: 128.119.245.12

Destination: 10.0.0.133

Transmission Control Protocol, Src Port: 80, Dst Port: 64835, Seq: 1, Ack: 553, Len: 239

Source Port: 80

Destination Port: 64835

[Stream index: 8]

[TCP Segment Len: 239]

Sequence number: 1 (relative sequence number)

[Next sequence number: 240 (relative sequence number)]

Acknowledgment number: 553 (relative ack number)

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