

**Frame 189: 655 bytes on wire (5240 bits), 655 bytes captured (5240 bits) on interface 0**

**Interface id:** 0 (\Device\NPF\_{21B75C48-4517-49BD-8920-7CE390BC5B90})

**Interface name:** \Device\NPF\_{21B75C48-4517-49BD-8920-7CE390BC5B90}

**Interface description:** Wi-Fi

Encapsulation type: Ethernet (1)

**Arrival Time:** Oct 19, 2019 11:40:04.333220000 Фінляндія (літо)

[Time shift for this packet: 0.000000000 seconds]

Epoch Time: 1571474404.333220000 seconds

[Time delta from previous captured frame: 0.000183000 seconds]

[Time delta from previous displayed frame: 0.000000000 seconds]

[Time since reference or first frame: 22.726782000 seconds]

Frame Number: 189

Frame Length: 655 bytes (5240 bits)

Capture Length: 655 bytes (5240 bits)

[Frame is marked: False]

[Frame is ignored: False]

[Protocols in frame: eth:ethertype:ip:tcp:http]

[Coloring Rule Name: \_\_conversation\_color\_filter\_\_06]

[Coloring Rule String: frame]

**Ethernet II, Src: HonHaiPr\_e6:be:99 (bc:85:56:e6:be:99), Dst: AsustekC\_67:19:61 (00:18:f3:67:19:61)**

**Destination:** AsustekC\_67:19:61 (00:18:f3:67:19:61)

**Address:** AsustekC\_67:19:61 (00:18:f3:67:19:61)

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

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

**Source:** HonHaiPr\_e6:be:99 (bc:85:56:e6:be:99)

**Address:** HonHaiPr\_e6:be:99 (bc:85:56:e6:be:99)

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

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

**Type:** IPv4 (0x0800)

**Internet Protocol Version 4, Src:** 192.168.118.21, **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:** 641

Identification: 0x2694 (9876)

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: 0x25a1 [validation disabled]

[Header checksum status: Unverified]

**Source:** 192.168.118.21

**Destination:** 128.119.245.12

**Transmission Control Protocol, Src Port:** 49408, **Dst Port:** 80, **Seq:** 1, **Ack:** 1, **Len:** 601

**Source Port:** 49408

**Destination Port:** 80

[Stream index: 4]

[TCP Segment Len: 601]

Sequence number: 1 (relative sequence number)

[Next sequence number: 602 (relative sequence number)]

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:** 513

[Calculated window size: 131328]

**[Window size scaling factor:** 256]

Checksum: 0xc0da [unverified]

[Checksum Status: Unverified]

Urgent pointer: 0

[SEQ/ACK analysis]

[iRTT: 0.221972000 seconds]

[Bytes in flight: 601]

[Bytes sent since last PSH flag: 601]

**[Timestamps]**

**[Time since first frame in this TCP stream:** 0.222425000 seconds]

**[Time since previous frame in this TCP stream:** 0.000453000 seconds]

TCP payload (601 bytes)

## Hypertext Transfer Protocol

GET /wireshark-labs/HTTP-wireshark-file4.html HTTP/1.1\r\n

Host: gaia.cs.umass.edu\r\n

Connection: keep-alive\r\n

Cache-Control: max-age=0\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/77.0.3865.120 Safari/537.36\r\n

Accept:  
text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,\*/\*;q=0.8,application/signed-exchange;v=b3\r\n

Accept-Encoding: gzip, deflate\r\n

Accept-Language: uk-UA,uk;q=0.9,ru;q=0.8,en-US;q=0.7,en;q=0.6\r\n

If-None-Match: "2ca-5953d25d1970b"\r\n

If-Modified-Since: Sat, 19 Oct 2019 05:59:03 GMT\r\n

\r\n

[Full request URI: <http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file4.html>]

[HTTP request 1/1]

[Response in frame: 192]