/var/folders/nj/r4mdm6cd07xfwbrmnb_m161r0000gn/T/wireshark_Wi-FiUTR3B2.pcapng 212 total packets, 4 shown

```
No.     Time           Source                Destination           Protocol Length Info
    131 4.957631       192.168.1.81          128.119.245.12        HTTP     545    GET /wireshark-
labs/INTRO-wireshark-file1.html HTTP/1.1
Frame 131: 545 bytes on wire (4360 bits), 545 bytes captured (4360 bits) on interface en0, id 0
    Section number: 1
    Interface id: 0 (en0)
        Interface name: en0
        Interface description: Wi-Fi
    Encapsulation type: Ethernet (1)
    Arrival Time: Sep 24, 2023 16:04:42.695643000 MDT
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1695593082.695643000 seconds
    [Time delta from previous captured frame: 0.000053000 seconds]
    [Time delta from previous displayed frame: 0.000000000 seconds]
    [Time since reference or first frame: 4.957631000 seconds]
    Frame Number: 131
    Frame Length: 545 bytes (4360 bits)
    Capture Length: 545 bytes (4360 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_dd:6f:31 (c8:89:f3:dd:6f:31), Dst: Actionte_34:99:30 (9c:1e:95:34:99:30)
    Destination: Actionte_34:99:30 (9c:1e:95:34:99:30)
        Address: Actionte_34:99:30 (9c:1e:95:34:99:30)
        .... ..0. .... .... .... .... = LG bit: Globally unique address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address (unicast)
    Source: Apple_dd:6f:31 (c8:89:f3:dd:6f:31)
        Address: Apple_dd:6f:31 (c8:89:f3:dd:6f:31)
        .... ..0. .... .... .... .... = LG bit: Globally unique address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address (unicast)
    Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 192.168.1.81, 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: 531
    Identification: 0x0000 (0)
    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: 64
    Protocol: TCP (6)
    Header Checksum: 0x0168 [validation disabled]
    [Header checksum status: Unverified]
    Source Address: 192.168.1.81
    Destination Address: 128.119.245.12
Transmission Control Protocol, Src Port: 64336, Dst Port: 80, Seq: 1, Ack: 1, Len: 491
    Source Port: 64336
    Destination Port: 80
    [Stream index: 6]
    [Conversation completeness: Incomplete, DATA (15)]
    [TCP Segment Len: 491]
    Sequence Number: 1    (relative sequence number)
    Sequence Number (raw): 134954604
    [Next Sequence Number: 492    (relative sequence number)]
    Acknowledgment Number: 1    (relative ack number)
```

```
    Acknowledgment number (raw): 3965284232
    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: 4096
    [Calculated window size: 262144]
    [Window size scaling factor: 64]
    Checksum: 0x2af1 [unverified]
    [Checksum Status: Unverified]
    Urgent Pointer: 0
    [Timestamps]
        [Time since first frame in this TCP stream: 0.085582000 seconds]
        [Time since previous frame in this TCP stream: 0.000053000 seconds]
    [SEQ/ACK analysis]
        [iRTT: 0.085529000 seconds]
        [Bytes in flight: 491]
        [Bytes sent since last PSH flag: 491]
    TCP payload (491 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 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like
Gecko) Chrome/116.0.0.0 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=0.7\r\n
    Accept-Encoding: gzip, deflate\r\n
    Accept-Language: en-GB,en-US;q=0.9,en;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: 153]
    [Next request in frame: 191]
No.     Time           Source                Destination           Protocol Length Info
    153 5.046449       128.119.245.12        192.168.1.81          HTTP     492    HTTP/1.1 200 OK
(text/html)
Frame 153: 492 bytes on wire (3936 bits), 492 bytes captured (3936 bits) on interface en0, id 0
    Section number: 1
    Interface id: 0 (en0)
        Interface name: en0
        Interface description: Wi-Fi
    Encapsulation type: Ethernet (1)
    Arrival Time: Sep 24, 2023 16:04:42.784461000 MDT
    [Time shift for this packet: 0.000000000 seconds]
```

```
    Epoch Time: 1695593082.784461000 seconds
    [Time delta from previous captured frame: 0.000000000 seconds]
    [Time delta from previous displayed frame: 0.088818000 seconds]
    [Time since reference or first frame: 5.046449000 seconds]
    Frame Number: 153
    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: Actionte_34:99:30 (9c:1e:95:34:99:30), Dst: Apple_dd:6f:31 (c8:89:f3:dd:6f:31)
    Destination: Apple_dd:6f:31 (c8:89:f3:dd:6f:31)
        Address: Apple_dd:6f:31 (c8:89:f3:dd:6f:31)
        .... ..0. .... .... .... .... = LG bit: Globally unique address (factory default)
        .... ...0 .... .... .... .... = IG bit: Individual address (unicast)
    Source: Actionte_34:99:30 (9c:1e:95:34:99:30)
        Address: Actionte_34:99:30 (9c:1e:95:34:99:30)
        .... ..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: 192.168.1.81
    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: 0xd173 (53619)
    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: 46
    Protocol: TCP (6)
    Header Checksum: 0x4229 [validation disabled]
    [Header checksum status: Unverified]
    Source Address: 128.119.245.12
    Destination Address: 192.168.1.81
Transmission Control Protocol, Src Port: 80, Dst Port: 64336, Seq: 1, Ack: 492, Len: 438
    Source Port: 80
    Destination Port: 64336
    [Stream index: 6]
    [Conversation completeness: Incomplete, DATA (15)]
    [TCP Segment Len: 438]
    Sequence Number: 1    (relative sequence number)
    Sequence Number (raw): 3965284232
    [Next Sequence Number: 439    (relative sequence number)]
    Acknowledgment Number: 492    (relative ack number)
    Acknowledgment number (raw): 134955095
    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: 0x1375 [unverified]
    [Checksum Status: Unverified]
    Urgent Pointer: 0
    [Timestamps]
        [Time since first frame in this TCP stream: 0.174400000 seconds]
        [Time since previous frame in this TCP stream: 0.000000000 seconds]
    [SEQ/ACK analysis]
        [iRTT: 0.085529000 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: Sun, 24 Sep 2023 22:04:42 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: Sun, 24 Sep 2023 05:59:02 GMT\r\n
    ETag: "51-6061489dbfffb"\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: 0.088818000 seconds]
    [Request in frame: 131]
    [Next request in frame: 191]
    [Next response in frame: 192]
    [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
```