

No.	Time	Source	Destination	Protocol	Length	Info
103	13.138726	192.168.1.69	128.119.245.12	HTTP	448	GET /wireshark-labs/protected_pages/HTTP-wireshark-file5.html HTTP/1.1

Frame 103: 448 bytes on wire (3584 bits), 448 bytes captured (3584 bits) on interface \Device\NPF_{65E4FA18-2BBE-459E-BA4D-2BD0A818A93A}, id 0

Ethernet II, Src: Apple_ca:30:19 (c4:b3:01:ca:30:19), Dst: ARRISGro_7f:d6:c0 (88:96:4e:7f:d6:c0)

Internet Protocol Version 4, Src: 192.168.1.69, Dst: 128.119.245.12

Transmission Control Protocol, Src Port: 55059, Dst Port: 80, Seq: 1, Ack: 1, Len: 394

Hypertext Transfer Protocol

GET /wireshark-labs/protected_pages/HTTP-wireshark-file5.html HTTP/1.1\r\n

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

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:85.0) Gecko/20100101 Firefox/85.0\r\n

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8\r\n

Accept-Language: en-US,en;q=0.5\r\n

Accept-Encoding: gzip, deflate\r\n

Connection: keep-alive\r\n

Upgrade-Insecure-Requests: 1\r\n\r\n

[Full request URI: http://gaia.cs.umass.edu/wireshark-labs/protected_pages/HTTP-wireshark-file5.html]

[HTTP request 1/1]

[Response in frame: 106]

No.	Time	Source	Destination	Protocol	Length	Info
106	13.240082	128.119.245.12	192.168.1.69	HTTP	771	HTTP/1.1 401 Unauthorized (text/html)

Frame 106: 771 bytes on wire (6168 bits), 771 bytes captured (6168 bits) on interface \Device\NPF_{65E4FA18-2BBE-459E-BA4D-2BD0A818A93A}, id 0

Ethernet II, Src: 86:96:4e:7f:d6:c3 (86:96:4e:7f:d6:c3), Dst: Apple_ca:30:19 (c4:b3:01:ca:30:19)

Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.1.69

Transmission Control Protocol, Src Port: 80, Dst Port: 55059, Seq: 1, Ack: 395, Len: 717

Hypertext Transfer Protocol

HTTP/1.1 401 Unauthorized\r\n

Date: Wed, 03 Mar 2021 08:48:24 GMT\r\n

Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.14 mod_perl/2.0.11 Perl/v5.16.3\r\n

WWW-Authenticate: Basic realm="wireshark-students only"\r\n

Content-Length: 381\r\n\r\n

[Content length: 381]

Keep-Alive: timeout=5, max=100\r\n

Connection: Keep-Alive\r\n

Content-Type: text/html; charset=iso-8859-1\r\n\r\n

[HTTP response 1/1]

[Time since request: 0.101356000 seconds]

[Request in frame: 103]

[Request URI: http://gaia.cs.umass.edu/wireshark-labs/protected_pages/HTTP-wireshark-file5.html]

File Data: 381 bytes

Line-based text data: text/html (12 lines)

```
<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">\n<html><head>\n<title>401 Unauthorized</title>\n</head><body>\n<h1>Unauthorized</h1>\n<p>This server could not verify that you\nare authorized to access the document\nrequested.  Either you supplied the wrong\ncredentials (e.g., bad password), or your\nbrowser doesn't understand how to supply\nthe credentials required.</p>\n</body></html>\n
```

No.	Time	Source	Destination	Protocol	Length	Info
152	19.729246	2600:1700:e1c0:dc02:5b69:f29b:c2ad	2600:1406:cc00::1732:85b	HTTP	361	GET /msdownload/update/v3/static/trustedr/en/disallowedcertstl.cab?a2c03c8b7a228df2 HTTP/1.1

Frame 152: 361 bytes on wire (2888 bits), 361 bytes captured (2888 bits) on interface \Device\NPF_{65E4FA18-2BBE-459E-BA4D-2BD0A818A93A}, id 0

Ethernet II, Src: Apple_ca:30:19 (c4:b3:01:ca:30:19), Dst: ARRISGro_7f:d6:c0 (88:96:4e:7f:d6:c0)

Internet Protocol Version 6, Src: 2600:1700:e1c0:dc02:5b69:f29b:c2ad, Dst: 2600:1406:cc00::1732:85b

Transmission Control Protocol, Src Port: 55061, Dst Port: 80, Seq: 1, Ack: 1, Len: 287

Hypertext Transfer Protocol

GET /msdownload/update/v3/static/trustedr/en/disallowedcertstl.cab?a2c03c8b7a228df2 HTTP/1.1\r\n

Connection: Keep-Alive\r\n

Accept: */*\r\n

If-Modified-Since: Thu, 10 Dec 2020 22:11:52 GMT\r\n

If-None-Match: "084627641cfd61:0"\r\n

User-Agent: Microsoft-CryptoAPI/10.0\r\n

Host: ctldl.windowsupdate.com\r\n\r\n

[Full request URI: http://ctldl.windowsupdate.com/msdownload/update/v3/static/trustedr/en/disallowedcertstl.cab?a2c03c8b7a228df2]

[HTTP request 1/1]

[Response in frame: 154]

No.	Time	Source	Destination	Protocol	Length	Info
154	19.760467	2600:1406:cc00::1732:85b	2600:1700:e1c0:dc02:5b69:f29b:c2ad	HTTP	342	HTTP/1.1 304 Not Modified

Frame 154: 342 bytes on wire (2736 bits), 342 bytes captured (2736 bits) on interface \Device\NPF_{65E4FA18-2BBE-459E-BA4D-2BD0A818A93A}, id 0

Ethernet II, Src: 86:96:4e:7f:d6:c3 (86:96:4e:7f:d6:c3), Dst: Apple_ca:30:19 (c4:b3:01:ca:30:19)

Internet Protocol Version 6, Src: 2600:1406:cc00::1732:85b, Dst: 2600:1700:e1c0:dc0:4c02:5b69:f29b:c2ad
Transmission Control Protocol, Src Port: 80, Dst Port: 55061, Seq: 1, Ack: 288, Len: 268
Hypertext Transfer Protocol
HTTP/1.1 304 Not Modified\r\n
Content-Type: application/vnd.ms-cab-compressed\r\n
Last-Modified: Thu, 10 Dec 2020 22:11:52 GMT\r\n
ETag: "084627641cfd61:0"\r\n
Cache-Control: public,max-age=3600\r\n
Date: Wed, 03 Mar 2021 08:48:30 GMT\r\n
Connection: keep-alive\r\n
X-CCC: US\r\n
X-CID: 2\r\n
\r\n
[HTTP response 1/1]
[Time since request: 0.031221000 seconds]
[Request in frame: 152]
[Request URI: http://ctldl.windowsupdate.com/msdownload/update/v3/static/trustedr/en/disallowedcertstl.cab?a2c03c8b7a228df2]
No. Time Source Destination Protocol Length Info
207 34.091411 192.168.1.69 128.119.245.12 HTTP 507 GET /wireshark-labs/protected_pages/HTTP-wireshark-file5.html HTTP/1.1
Frame 207: 507 bytes on wire (4056 bits), 507 bytes captured (4056 bits) on interface \Device\NPF_{65E4FA18-2BBE-459E-BA4D-2BD0A818A93A}, id 0
Ethernet II, Src: Apple_ca:30:19 (c4:b3:01:ca:30:19), Dst: ARRISGro_7f:d6:c0 (88:96:4e:7f:d6:c0)
Internet Protocol Version 4, Src: 192.168.1.69, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 55062, Dst Port: 80, Seq: 1, Ack: 1, Len: 453
Hypertext Transfer Protocol
GET /wireshark-labs/protected_pages/HTTP-wireshark-file5.html HTTP/1.1\r\n
Host: gaia.cs.umass.edu\r\n
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:85.0) Gecko/20100101 Firefox/85.0\r\n
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8\r\n
Accept-Language: en-US,en;q=0.5\r\n
Accept-Encoding: gzip, deflate\r\n
Connection: keep-alive\r\n
Upgrade-Insecure-Requests: 1\r\n
Authorization: Basic d2lyZXNoYXJrLXN0dWRlbnRzM5ldHdvcms=\r\n
\r\n
[Full request URI: http://gaia.cs.umass.edu/wireshark-labs/protected_pages/HTTP-wireshark-file5.html]
[HTTP request 1/2]
[Response in frame: 209]
[Next request in frame: 237]
No. Time Source Destination Protocol Length Info
209 34.191470 128.119.245.12 192.168.1.69 HTTP 544 HTTP/1.1 200 OK (text/html)
Frame 209: 544 bytes on wire (4352 bits), 544 bytes captured (4352 bits) on interface \Device\NPF_{65E4FA18-2BBE-459E-BA4D-2BD0A818A93A}, id 0
Ethernet II, Src: 86:96:4e:7f:d6:c3 (86:96:4e:7f:d6:c3), Dst: Apple_ca:30:19 (c4:b3:01:ca:30:19)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.1.69
Transmission Control Protocol, Src Port: 80, Dst Port: 55062, Seq: 1, Ack: 454, Len: 490
Hypertext Transfer Protocol
HTTP/1.1 200 OK\r\n
Date: Wed, 03 Mar 2021 08:48:45 GMT\r\n
Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.14 mod_perl/2.0.11 Perl/v5.16.3\r\n
Last-Modified: Wed, 03 Mar 2021 06:59:01 GMT\r\n
ETag: "84-5bc9c62c45d9e"\r\n
Accept-Ranges: bytes\r\n
Content-Length: 132\r\n
[Content length: 132]
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: 0.100059000 seconds]
[Request in frame: 207]
[Next request in frame: 237]
[Next response in frame: 254]
[Request URI: http://gaia.cs.umass.edu/wireshark-labs/protected_pages/HTTP-wireshark-file5.html]
File Data: 132 bytes
Line-based text data: text/html (6 lines)
\n
<html>\n
\n
This page is password protected! If you're seeing this, you've downloaded the page correctly
\n
Congratulations!\n
</html>