

```
No.      Time                Source                Destination          Protocol Length Info
 43 2024-05-06 12:22:00,828940 172.20.10.2          128.119.245.12       HTTP      577      GET /wireshark-labs/protected_pages/
HTTP-wireshark-file5.html HTTP/1.1
Frame 43: 577 bytes on wire (4616 bits), 577 bytes captured (4616 bits) on interface \Device\NPF_{1C783651-C779-4443-
B85A-5E2C5079BE75}, id 0
Ethernet II, Src: Microsoft_66:9e:ab (70:bc:10:66:9e:ab), Dst: 92:e1:7b:23:9c:64 (92:e1:7b:23:9c:64)
Internet Protocol Version 4, Src: 172.20.10.2, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 56888, Dst Port: 80, Seq: 1, Ack: 1, Len: 523
Hypertext Transfer Protocol
  GET /wireshark-labs/protected_pages/HTTP-wireshark-file5.html HTTP/1.1\r\n
  [Expert Info (Chat/Sequence): GET /wireshark-labs/protected_pages/HTTP-wireshark-file5.html HTTP/1.1\r\n]
    [GET /wireshark-labs/protected_pages/HTTP-wireshark-file5.html HTTP/1.1\r\n]
    [Severity level: Chat]
    [Group: Sequence]
  Request Method: GET
  Request URI: /wireshark-labs/protected_pages/HTTP-wireshark-file5.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/123.0.0.0 Safari/537.36 OPR/
109.0.0.0\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: de-DE,de;q=0.9,en-US;q=0.8,en;q=0.7\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: 45]

No.      Time                Source                Destination          Protocol Length Info
 45 2024-05-06 12:22:01,032310 128.119.245.12       172.20.10.2          HTTP      771      HTTP/1.1 401 Unauthorized (text/
html)
Frame 45: 771 bytes on wire (6168 bits), 771 bytes captured (6168 bits) on interface \Device\NPF_{1C783651-C779-4443-
B85A-5E2C5079BE75}, id 0
Ethernet II, Src: 92:e1:7b:23:9c:64 (92:e1:7b:23:9c:64), Dst: Microsoft_66:9e:ab (70:bc:10:66:9e:ab)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 172.20.10.2
Transmission Control Protocol, Src Port: 80, Dst Port: 56888, Seq: 1, Ack: 524, Len: 717
Hypertext Transfer Protocol
  HTTP/1.1 401 Unauthorized\r\n
  [Expert Info (Chat/Sequence): HTTP/1.1 401 Unauthorized\r\n]
    [HTTP/1.1 401 Unauthorized\r\n]
    [Severity level: Chat]
    [Group: Sequence]
  Response Version: HTTP/1.1
  Status Code: 401
  [Status Code Description: Unauthorized]
  Response Phrase: Unauthorized
Date: Mon, 06 May 2024 10:22:01 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
WWW-Authenticate: Basic realm="wireshark-students only"\r\n
Content-Length: 381\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: 0.203370000 seconds]
[Request in frame: 43]
[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\n
are authorized to access the document\n
requested. Either you supplied the wrong\n
credentials (e.g., bad password), or your\n
browser doesn't understand how to supply\n
the credentials required.</p>\n
</body></html>\n

No.      Time                Source                Destination          Protocol Length Info
 75 2024-05-06 12:22:31,655268 172.20.10.2          128.119.245.12       HTTP      662      GET /wireshark-labs/protected_pages/
HTTP-wireshark-file5.html HTTP/1.1
Frame 75: 662 bytes on wire (5296 bits), 662 bytes captured (5296 bits) on interface \Device\NPF_{1C783651-C779-4443-
B85A-5E2C5079BE75}, id 0
Ethernet II, Src: Microsoft_66:9e:ab (70:bc:10:66:9e:ab), Dst: 92:e1:7b:23:9c:64 (92:e1:7b:23:9c:64)
Internet Protocol Version 4, Src: 172.20.10.2, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 56887, Dst Port: 80, Seq: 1, Ack: 1, Len: 608
Hypertext Transfer Protocol
  GET /wireshark-labs/protected_pages/HTTP-wireshark-file5.html HTTP/1.1\r\n
  [Expert Info (Chat/Sequence): GET /wireshark-labs/protected_pages/HTTP-wireshark-file5.html HTTP/1.1\r\n]
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[GET /wireshark-labs/protected_pages/HTTP-wireshark-file5.html HTTP/1.1\r\n]
[Severity level: Chat]
[Group: Sequence]
Request Method: GET
Request URI: /wireshark-labs/protected_pages/HTTP-wireshark-file5.html
Request Version: HTTP/1.1
Host: gaia.cs.umass.edu\r\n
Connection: keep-alive\r\n
Cache-Control: max-age=0\r\n
Authorization: Basic d2lyZXNoYXJrLXN0dWR1bnRzOm5ldHdvcmMs=\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/123.0.0.0 Safari/537.36 OPR/
109.0.0.0\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: de-DE,de;q=0.9,en-US;q=0.8,en;q=0.7\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: 80]
No.      Time                               Source                               Destination                         Protocol Length Info
   80 2024-05-06 12:22:31,871301      128.119.245.12                      172.20.10.2                        HTTP      544      HTTP/1.1 200 OK (text/html)
Frame 80: 544 bytes on wire (4352 bits), 544 bytes captured (4352 bits) on interface \Device\NPF_{1C783651-C779-4443-B85A-5E2C5079BE75}, id 0
Ethernet II, Src: 92:e1:7b:23:9c:64 (92:e1:7b:23:9c:64), Dst: Microsoft_66:9e:ab (70:bc:10:66:9e:ab)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 172.20.10.2
Transmission Control Protocol, Src Port: 80, Dst Port: 56887, Seq: 1, Ack: 609, Len: 490
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: Mon, 06 May 2024 10:22:32 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: Mon, 06 May 2024 05:59:01 GMT\r\n
ETag: "84-617c2c4205e75"\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 1/1]
[Time since request: 0.216033000 seconds]
[Request in frame: 75]
[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)
\r\n
<html>\r\n
\r\n
This page is password protected! If you're seeing this, you've downloaded the page correctly <br>\r\n
Congratulations!\r\n
</html>
```