

No.	Time	Source	Destination	Protocol	Length	Info
4867	8.424279	192.168.3.163	128.119.245.12	HTTP	599	GET / wireshark-labs/protected_pages/HTTP-wireshark-file5.html HTTP/1.1
Frame 4867: 599 bytes on wire (4792 bits), 599 bytes captured (4792 bits) on interface en1, id 0						
Ethernet II, Src: HonHaiPr_fb:1b:bf (90:48:9a:fb:1b:bf), Dst: HuaweiTe_8a:f3:9c (00:9a:cd:8a:f3:9c)						
Internet Protocol Version 4, Src: 192.168.3.163, Dst: 128.119.245.12						
Transmission Control Protocol, Src Port: 50630, Dst Port: 80, Seq: 1, Ack: 1, Len: 533						
Hypertext Transfer Protocol						
GET /wireshark-labs/protected_pages/HTTP-wireshark-file5.html HTTP/1.1\r\n						
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_14_5) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/83.0.4086.0 Safari/537.36 Edg/83.0.461.1\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;q=0.9\r\n						
Accept-Encoding: gzip, deflate\r\n						
Accept-Language: zh-CN,zh;q=0.9,en;q=0.8,en-GB;q=0.7,en-US;q=0.6\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: 4927]						
4927	8.671386	128.119.245.12	192.168.3.163	HTTP	783	HTTP/1.1 401 Unauthorized (text/html)
Frame 4927: 783 bytes on wire (6264 bits), 783 bytes captured (6264 bits) on interface en1, id 0						
Ethernet II, Src: HuaweiTe_8a:f3:9c (00:9a:cd:8a:f3:9c), Dst: HonHaiPr_fb:1b:bf (90:48:9a:fb:1b:bf)						
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.3.163						
Transmission Control Protocol, Src Port: 80, Dst Port: 50630, Seq: 1, Ack: 534, Len: 717						
Hypertext Transfer Protocol						
HTTP/1.1 401 Unauthorized\r\n						
Date: Thu, 26 Mar 2020 09:08:28 GMT\r\n						
Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/5.4.16 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						
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: 0.247107000 seconds]						
[Request in frame: 4867]						
[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

5842 19.105563 192.168.3.163 128.119.245.12 HTTP 684 GET /
wireshark-labs/protected_pages/HTTP-wireshark-file5.html HTTP/1.1
Frame 5842: 684 bytes on wire (5472 bits), 684 bytes captured (5472 bits) on interface en1,
id 0
Ethernet II, Src: HonHaiPr_fb:1b:bf (90:48:9a:fb:1b:bf), Dst: HuaweiTe_8a:f3:9c (00:9a:cd:
8a:f3:9c)
Internet Protocol Version 4, Src: 192.168.3.163, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 50677, Dst Port: 80, Seq: 1, Ack: 1, Len: 618
Hypertext Transfer Protocol
GET /wireshark-labs/protected_pages/HTTP-wireshark-file5.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
Authorization: Basic d2lyZXNoYXJrLXN0dWRlbnRzM5ldHdvcms=\r\n
Upgrade-Insecure-Requests: 1\r\n
User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_14_5) AppleWebKit/537.36 (KHTML,
like Gecko) Chrome/83.0.4086.0 Safari/537.36 Edg/83.0.461.1\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;q=0.9\r\n
Accept-Encoding: gzip, deflate\r\n
Accept-Language: zh-CN,zh;q=0.9,en;q=0.8,en-GB;q=0.7,en-US;q=0.6\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: 5877]

No.	Time	Source	Destination	Protocol	Length	Info
5877	19.353577	128.119.245.12	192.168.3.163	HTTP	556	HTTP/1.1

200 OK (text/html)
Frame 5877: 556 bytes on wire (4448 bits), 556 bytes captured (4448 bits) on interface en1,
id 0
Ethernet II, Src: HuaweiTe_8a:f3:9c (00:9a:cd:8a:f3:9c), Dst: HonHaiPr_fb:1b:bf (90:48:9a:fb:
1b:bf)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.3.163
Transmission Control Protocol, Src Port: 80, Dst Port: 50677, Seq: 1, Ack: 619, Len: 490
Hypertext Transfer Protocol
HTTP/1.1 200 OK\r\n
Date: Thu, 26 Mar 2020 09:08:38 GMT\r\n
Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/5.4.16 mod_perl/2.0.11 Perl/
v5.16.3\r\n
Last-Modified: Thu, 26 Mar 2020 05:59:03 GMT\r\n
ETag: "84-5a1bbae98fc4d"\r\n
Accept-Ranges: bytes\r\n
Content-Length: 132\r\n
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: 0.248014000 seconds]
[Request in frame: 5842]
[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>