

Задание 1

No.	Time	Source	Destination	Protocol	Length	Info
1...	17.4553...	192.168.1.214	128.119.245.12	HTTP	453	GET /wireshark-labs/HTTP-wireshark-fil...
1...	17.7137...	128.119.245.12	192.168.1.214	HTTP	552	HTTP/1.1 200 OK (text/html)
1...	17.7453...	192.168.1.214	128.119.245.12	HTTP	410	GET /favicon.ico HTTP/1.1
1...	18.0208...	128.119.245.12	192.168.1.214	HTTP	551	HTTP/1.1 404 Not Found (text/html)

4

Frame 114: 552 bytes on wire (4416 bits), 552 bytes captured (4416 bits) on interface wlp0s20f3, id 0

Ethernet II, Src: TendaTec_c2:e2:a0 (cc:2d:21:c2:e2:a0), Dst: 18:26:49:e1:fd:fc (18:26:49:e1:fd:fc)

Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.1.214

Transmission Control Protocol, Src Port: 80, Dst Port: 50202, Seq: 1, Ack: 388, Len: 486

Hypertext Transfer Protocol

HTTP/1.1 200 OK\r\n

[Expert Info (Chat/Sequence): HTTP/1.1 200 OK\r\n]

Response Version: HTTP/1.1

Status Code: 200

[Status Code Description: OK]

Response Phrase: OK

Date: Sat, 26 Feb 2022 11:06:06 GMT\r\n

Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.27 mod_perl/2.0.11 Perl/v5.16.3\r\n

Last-Modified: Sat, 26 Feb 2022 06:59:01 GMT\r\n

Etag: "80-5d8e659a79885"\r\n

Accept-Ranges: bytes\r\n

Content-Length: 128\r\n

6

No.	Time	Source	Destination	Protocol	Length	Info
1...	17.4553...	192.168.1.2...	128.119.245...	HTTP	453	GET /wireshark-labs/HTTP-wireshark-fil...
1...	17.7137...	128.119.245...	192.168.1.2...	HTTP	552	HTTP/1.1 200 OK (text/html)
1...	17.7453...	192.168.1.2...	128.119.245...	HTTP	410	GET /favicon.ico HTTP/1.1
1...	18.0208...	128.119.245...	192.168.1.2...	HTTP	551	HTTP/1.1 404 Not Found (text/html)

Frame 109: 453 bytes on wire (3624 bits), 453 bytes captured (3624 bits) on interface wlp0s20f3, id 0

Ethernet II, Src: 18:26:49:e1:fd:fc (18:26:49:e1:fd:fc), Dst: TendaTec_c2:e2:a0 (cc:2d:21:c2:e2:a0)

Internet Protocol Version 4, Src: 192.168.1.214, Dst: 128.119.245.12

Transmission Control Protocol, Src Port: 50202, Dst Port: 80, Seq: 1, Ack: 1, Len: 387

Hypertext Transfer Protocol

GET /wireshark-labs/HTTP-wireshark-file1.html HTTP/1.1\r\n

[Expert Info (Chat/Sequence): GET /wireshark-labs/HTTP-wireshark-file1.html HTTP/1.1\r\n]

Request Method: GET

Request URI: /wireshark-labs/HTTP-wireshark-file1.html

Request Version: HTTP/1.1

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

User-Agent: Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:96.0) Gecko/20100101 Firefox/96.0\r\n

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,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/HTTP-wireshark-file1.html]

[HTTP request 1/1]

[Response in frame: 114]

1. Мой браузер работает с HTTP версии 1.1. Сервер также работает с HTTP 1.1.
2. Языки, принимаемые браузером: en-US, en. Информация о пользователе: браузер Mozilla Firefox 96.0, ОС Ubuntu, архитектура x86_64.
3. IP адрес моего компьютера: 192.168.1.214, IP адрес сервера: 128.119.245.12
4. При загрузке текстовой странице был возвращен статус 200 OK, при загрузке фавикона – статус 404 Not Found.
5. Дата последней модификации: 26.02.2022 06:59:01 GMT.
6. Размер контента: 128 байт.

Задание 2

No.	Time	Source	Destination	Protocol	Length	Info
1...	32.4978...	192.168.1.214	128.119.245.12	HTTP	453	GET /wireshark-labs/HTTP-wireshark-fil...
1...	32.8051...	128.119.245.12	192.168.1.214	HTTP	796	HTTP/1.1 200 OK (text/html)
1...	32.8368...	192.168.1.214	128.119.245.12	HTTP	410	GET /favicon.ico HTTP/1.1
2...	33.1127...	128.119.245.12	192.168.1.214	HTTP	551	HTTP/1.1 404 Not Found (text/html)
2...	38.5886...	192.168.1.214	91.105.192.100	HTTP	531	POST /api HTTP/1.1 (application/x-www...
2...	38.6325...	91.105.192.100	192.168.1.214	HTTP	365	HTTP/1.1 200 OK
2...	42.7868...	192.168.1.214	91.105.192.100	HTTP	487	POST /api HTTP/1.1 (application/x-www...
2...	42.8293...	91.105.192.100	192.168.1.214	HTTP	389	HTTP/1.1 200 OK
3...	51.4830...	192.168.1.214	128.119.245.12	HTTP	565	GET /wireshark-labs/HTTP-wireshark-fil...
3...	51.7496...	128.119.245.12	192.168.1.214	HTTP	306	HTTP/1.1 304 Not Modified

Frame 191: 453 bytes on wire (3624 bits), 453 bytes captured (3624 bits) on interface wlp0s20f3, id 0
 Ethernet II, Src: 18:26:49:e1:fd:fc (18:26:49:e1:fd:fc), Dst: TendaTec_c2:e2:a0 (cc:2d:21:c2:e2:a0)
 Internet Protocol Version 4, Src: 192.168.1.214, Dst: 128.119.245.12
 Transmission Control Protocol, Src Port: 50218, Dst Port: 80, Seq: 1, Ack: 1, Len: 387
 Hypertext Transfer Protocol
 GET /wireshark-labs/HTTP-wireshark-file2.html HTTP/1.1\r\n
 [Expert Info (Chat/Sequence): GET /wireshark-labs/HTTP-wireshark-file2.html HTTP/1.1\r\n]

Request Method: GET
 Request URI: /wireshark-labs/HTTP-wireshark-file2.html
 Request Version: HTTP/1.1
 Host: gaia.cs.umass.edu\r\n
 User-Agent: Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:96.0) Gecko/20100101 Firefox/96.0\r\n
 Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,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/HTTP-wireshark-file2.html]
 [HTTP request 1/1]
 [Response in frame: 196]

No.	Time	Source	Destination	Protocol	Length	Info
1...	32.4978...	192.168.1.214	128.119.245.12	HTTP	453	GET /wireshark-labs/HTTP-wireshark-fil...
1...	32.8051...	128.119.245.12	192.168.1.214	HTTP	796	HTTP/1.1 200 OK (text/html)
1...	32.8368...	192.168.1.214	128.119.245.12	HTTP	410	GET /favicon.ico HTTP/1.1
2...	33.1127...	128.119.245.12	192.168.1.214	HTTP	551	HTTP/1.1 404 Not Found (text/html)
2...	38.5886...	192.168.1.214	91.105.192.100	HTTP	531	POST /api HTTP/1.1 (application/x-www...
2...	38.6325...	91.105.192.100	192.168.1.214	HTTP	365	HTTP/1.1 200 OK
2...	42.7868...	192.168.1.214	91.105.192.100	HTTP	487	POST /api HTTP/1.1 (application/x-www...
2...	42.8293...	91.105.192.100	192.168.1.214	HTTP	389	HTTP/1.1 200 OK
3...	51.4830...	192.168.1.214	128.119.245.12	HTTP	565	GET /wireshark-labs/HTTP-wireshark-fil...
3...	51.7496...	128.119.245.12	192.168.1.214	HTTP	306	HTTP/1.1 304 Not Modified

Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.27 mod_perl/2.0.11 Perl/v5.16.3\r\n
 Last-Modified: Sat, 26 Feb 2022 06:59:01 GMT\r\n
 Etag: "173-5d8e659a790b5"\r\n
 Accept-Ranges: bytes\r\n
 Content-Length: 371\r\n
 [Content length: 371]
 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: 0.307313558 seconds]
 [Request in frame: 191]
 [Request URI: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file2.html]
 File Data: 371 bytes
 Line-based text data: text/html (10 lines)

```

\r\n
<html>\r\n
\r\n
Congratulations again! Now you've downloaded the file lab2-2.html. <br>\r\n
This file's last modification date will not change. <p>\r\n
Thus if you download this multiple times on your browser, a complete copy <br>\r\n
will only be sent once by the server due to the inclusion of the IN-MODIFIED-SINCE<br>\r\n
field in your browser's HTTP GET request to the server.\r\n
\r\n
</html>\r\n
  
```

1. В первом GET запросе нет IF-MODIFIED-SINCE.
2. Да, в ответе сервера мы можем явно видеть код HTML страницы.
3. Во втором GET запросе есть IF-MODIFIED-SINCE: 26.02.2022 06:59:01 GMT. Это дата последнего изменения страницы.
4. На второй HTTP запрос GET мы получили ответ 304 Not Modified. Содержимое файла было возвращено неявно.

http					
No.	Time	Source	Destination	Protocol	Length Info
1...	32.4978...	192.168.1.214	128.119.245.12	HTTP	453 GET /wireshark-labs/HTTP-wireshark-fil...
1...	32.8051...	128.119.245.12	192.168.1.214	HTTP	796 HTTP/1.1 200 OK (text/html)
1...	32.8368...	192.168.1.214	128.119.245.12	HTTP	410 GET /favicon.ico HTTP/1.1
2...	33.1127...	128.119.245.12	192.168.1.214	HTTP	551 HTTP/1.1 404 Not Found (text/html)
2...	38.5886...	192.168.1.214	91.105.192.100	HTTP	531 POST /api HTTP/1.1 (application/x-www...
2...	38.6325...	91.105.192.100	192.168.1.214	HTTP	365 HTTP/1.1 200 OK
2...	42.7868...	192.168.1.214	91.105.192.100	HTTP	487 POST /api HTTP/1.1 (application/x-www...
2...	42.8293...	91.105.192.100	192.168.1.214	HTTP	389 HTTP/1.1 200 OK
+	3... 51.4830...	192.168.1.214	128.119.245.12	HTTP	565 GET /wireshark-labs/HTTP-wireshark-fil...
+	3... 51.7496...	128.119.245.12	192.168.1.214	HTTP	306 HTTP/1.1 304 Not Modified

Frame 339: 565 bytes on wire (4520 bits), 565 bytes captured (4520 bits) on interface wlp0s20f3, ic
 Ethernet II, Src: 18:26:49:e1:fd:fc (18:26:49:e1:fd:fc), Dst: TendaTec_c2:e2:a0 (cc:2d:21:c2:e2:a0)
 Internet Protocol Version 4, Src: 192.168.1.214, Dst: 128.119.245.12
 Transmission Control Protocol, Src Port: 50222, Dst Port: 80, Seq: 1, Ack: 1, Len: 499
 Hypertext Transfer Protocol
 GET /wireshark-labs/HTTP-wireshark-file2.html HTTP/1.1\r\n
 [Expert Info (Chat/Sequence): GET /wireshark-labs/HTTP-wireshark-file2.html HTTP/1.1\r\n]
 Request Method: GET
 Request URI: /wireshark-labs/HTTP-wireshark-file2.html
 Request Version: HTTP/1.1
 Host: gaia.cs.umass.edu\r\n
 User-Agent: Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:96.0) Gecko/20100101 Firefox/96.0\r\n
 Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,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
 If-Modified-Since: Sat, 26 Feb 2022 06:59:01 GMT\r\n
 If-None-Match: "173-5d8e659a790b5"\r\n
 Cache-Control: max-age=0\r\n

No.	Time	Source	Destination	Protocol	Length Info
1...	32.4978...	192.168.1.214	128.119.245.12	HTTP	453 GET /wireshark-labs/HTTP-wireshark-fil...
1...	32.8051...	128.119.245.12	192.168.1.214	HTTP	796 HTTP/1.1 200 OK (text/html)
1...	32.8368...	192.168.1.214	128.119.245.12	HTTP	410 GET /favicon.ico HTTP/1.1
2...	33.1127...	128.119.245.12	192.168.1.214	HTTP	551 HTTP/1.1 404 Not Found (text/html)
2...	38.5886...	192.168.1.214	91.105.192.100	HTTP	531 POST /api HTTP/1.1 (application/x-www...
2...	38.6325...	91.105.192.100	192.168.1.214	HTTP	365 HTTP/1.1 200 OK
2...	42.7868...	192.168.1.214	91.105.192.100	HTTP	487 POST /api HTTP/1.1 (application/x-www...
2...	42.8293...	91.105.192.100	192.168.1.214	HTTP	389 HTTP/1.1 200 OK
+	3... 51.4830...	192.168.1.214	128.119.245.12	HTTP	565 GET /wireshark-labs/HTTP-wireshark-fil...
+	3... 51.7496...	128.119.245.12	192.168.1.214	HTTP	306 HTTP/1.1 304 Not Modified

Frame 342: 306 bytes on wire (2448 bits), 306 bytes captured (2448 bits) on interface wlp0s20f3, ic
 Ethernet II, Src: TendaTec_c2:e2:a0 (cc:2d:21:c2:e2:a0), Dst: 18:26:49:e1:fd:fc (18:26:49:e1:fd:fc)
 Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.1.214
 Transmission Control Protocol, Src Port: 80, Dst Port: 50222, Seq: 1, Ack: 500, Len: 240
 Hypertext Transfer Protocol
 HTTP/1.1 304 Not Modified\r\n
 [Expert Info (Chat/Sequence): HTTP/1.1 304 Not Modified\r\n]
 Response Version: HTTP/1.1
 Status Code: 304
 [Status Code Description: Not Modified]
 Response Phrase: Not Modified
 Date: Sat, 26 Feb 2022 17:11:58 GMT\r\n
 Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.27 mod_perl/2.0.11 Perl/v5.16.3\r\n
 Connection: Keep-Alive\r\n
 Keep-Alive: timeout=5, max=100\r\n
 ETag: "173-5d8e659a790b5"\r\n
 \r\n
 [HTTP response 1/1]
 [Time since request: 0.266603846 seconds]
 [Request in frame: 339]
 [Request URI: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file2.html]

Задание 3

No.	Time	Source	Destination	Protocol	Length	Info
32	4.407461929	192.168.1.214	128.119.245.12	HTTP	453	GET /wireshark-labs/HTTP-wireshark-fil...
35	4.665786085	128.119.245.12	192.168.1.214	HTTP	4927	HTTP/1.1 200 OK (text/html)
45	4.693335287	192.168.1.214	128.119.245.12	HTTP	410	GET /favicon.ico HTTP/1.1
50	4.972725421	128.119.245.12	192.168.1.214	HTTP	551	HTTP/1.1 404 Not Found (text/html)

Frame 35: 4927 bytes on wire (39416 bits), 4927 bytes captured (39416 bits) on interface wlp0s20f3, id 0
Ethernet II, Src: TendaTec_c2:e2:a0 (cc:2d:21:c2:e2:a0), Dst: 18:26:49:e1:fd:fc (18:26:49:e1:fd:fc)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.1.214
Transmission Control Protocol, Src Port: 80, Dst Port: 50294, Seq: 1, Ack: 388, Len: 4861
Hypertext Transfer Protocol
HTTP/1.1 200 OK\r\n
Date: Sat, 26 Feb 2022 18:47:06 GMT\r\n
Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.27 mod_perl/2.0.11 Perl/v5.16.3\r\n
Last-Modified: Sat, 26 Feb 2022 06:59:01 GMT\r\n
ETag: "1194-5d8e659a73ac5"\r\n
Accept-Ranges: bytes\r\n
Content-Length: 4500\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: 0.258324156 seconds]
[Request in frame: 32]
[Request URI: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file3.html]
File Data: 4500 bytes

нет
списка
tcp - сегментов

1. Браузер отправил 2 GET запроса. Один для непосредственно страницы, второй для фавикона. Пакет номер 32 содержит сообщение GET.
2. Пакет 35 содержит ответ на первый GET запрос.
3. В этом вопросе я немного запуталась, но мне кажется, что один. Так как когда я загружала картинку в задании 4, у меня между полями Transmission Transfer Protocol и Hypertext Transfer Protocol было поле с перечисленными tcp сегментами. Здесь такого нет, к сожалению.
4. Нет.

Задание 4

http						
No.	Time	Source	Destination	Protocol	Length	Info
92	12.451030726	192.168.1.214	128.119.245.12	HTTP	453	GET /wireshark-labs/HTTP-wireshark-fil...
98	12.904874281	128.119.245.12	192.168.1.214	HTTP	1367	HTTP/1.1 200 OK (text/html)
106	12.932306736	192.168.1.214	128.119.245.12	HTTP	410	GET /pearson.png HTTP/1.1
112	13.004051430	192.168.1.214	178.79.137.164	HTTP	377	GET /8E_cover_small.jpg HTTP/1.1
114	13.077079143	178.79.137.164	192.168.1.214	HTTP	237	HTTP/1.1 301 Moved Permanently
125	13.196139963	128.119.245.12	192.168.1.214	HTTP	782	HTTP/1.1 200 OK (PNG)
133	13.298403806	192.168.1.214	128.119.245.12	HTTP	410	GET /favicon.ico HTTP/1.1
239	13.562708356	128.119.245.12	192.168.1.214	HTTP	550	HTTP/1.1 404 Not Found (text/html)

▶ Frame 114: 237 bytes on wire (1896 bits), 237 bytes captured (1896 bits) on interface wlp0s20f3, id 0

▶ Ethernet II, Src: TendaTec_c2:e2:a0 (cc:2d:21:c2:e2:a0), Dst: 18:26:49:e1:fd:fc (18:26:49:e1:fd:fc)

▶ Internet Protocol Version 4, Src: 178.79.137.164, Dst: 192.168.1.214

▶ Transmission Control Protocol, Src Port: 80, Dst Port: 39842, Seq: 1, Ack: 312, Len: 171

▶ Hypertext Transfer Protocol

▶ HTTP/1.1 301 Moved Permanently\r\n

▶ [Expert Info (Chat/Sequence): HTTP/1.1 301 Moved Permanently\r\n]

Response Version: HTTP/1.1
Status Code: 301
[Status Code Description: Moved Permanently]
Response Phrase: Moved Permanently
Location: https://kurose.cslash.net/8E_cover_small.jpg\r\n

1. Было отправлено 4 GET запроса на Интернет-адреса:
<http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file4.html>,
<http://gaia.cs.umass.edu/pearson.png>,
http://gaia.cs.umass.edu/8E_cover_small.jpg, <http://gaia.cs.umass.edu/favicon.ico>.
2. Два изображения были загружены параллельно, так как сначала поступил GET запрос для картинки pearson.png, затем для картинки 8E_cover_small.jpg, а ответы на эти запросы пришли в другом порядке.

Задание 5

No.	Time	Source	Destination	Protocol	Length	Info
13	2.463457487	192.168.1.214	128.119.245.12	HTTP	469	GET /wireshark-labs/protected_pages/HT...
17	2.763454296	128.119.245.12	192.168.1.214	HTTP	783	HTTP/1.1 401 Unauthorized (text/html)
95	32.245787382	192.168.1.214	128.119.245.12	HTTP	528	GET /wireshark-labs/protected_pages/HT...
99	32.560871167	128.119.245.12	192.168.1.214	HTTP	556	HTTP/1.1 200 OK (text/html)
109	32.613357105	192.168.1.214	128.119.245.12	HTTP	426	GET /favicon.ico HTTP/1.1
117	32.877311446	128.119.245.12	192.168.1.214	HTTP	550	HTTP/1.1 404 Not Found (text/html)

Frame 13: 469 bytes on wire (3752 bits), 469 bytes captured (3752 bits) on interface wlp0s20f3, id 0
 Ethernet II, Src: 18:26:49:e1:fd:fc (18:26:49:e1:fd:fc), Dst: TendaTec_c2:e2:a0 (cc:2d:21:c2:e2:a0)
 Internet Protocol Version 4, Src: 192.168.1.214, Dst: 128.119.245.12
 Transmission Control Protocol, Src Port: 50282, Dst Port: 80, Seq: 1, Ack: 1, Len: 403
 Hypertext Transfer Protocol
 GET /wireshark-labs/protected_pages/HTTP-wireshark-file5.html HTTP/1.1
 [Expert Info (Chat/Sequence): GET /wireshark-labs/protected_pages/HTTP-wireshark-file5.html HTTP/1.1
 Request Method: GET
 Request URI: /wireshark-labs/protected_pages/HTTP-wireshark-file5.html
 Request Version: HTTP/1.1
 Host: gaia.cs.umass.edu
 User-Agent: Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:96.0) Gecko/20100101 Firefox/96.0
 Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8
 Accept-Language: en-US,en;q=0.5
 Accept-Encoding: gzip, deflate
 Connection: keep-alive
 Upgrade-Insecure-Requests: 1
 [Full request URI: http://gaia.cs.umass.edu/wireshark-labs/protected_pages/HTTP-wireshark-file5.html]
 [HTTP request 1/1]
 [Response in frame: 17]

No.	Time	Source	Destination	Protocol	Length	Info
13	2.463457487	192.168.1.214	128.119.245.12	HTTP	469	GET /wireshark-labs/protected_pages/HT...
17	2.763454296	128.119.245.12	192.168.1.214	HTTP	783	HTTP/1.1 401 Unauthorized (text/html)
95	32.245787382	192.168.1.214	128.119.245.12	HTTP	528	GET /wireshark-labs/protected_pages/HT...
99	32.560871167	128.119.245.12	192.168.1.214	HTTP	556	HTTP/1.1 200 OK (text/html)
109	32.613357105	192.168.1.214	128.119.245.12	HTTP	426	GET /favicon.ico HTTP/1.1
117	32.877311446	128.119.245.12	192.168.1.214	HTTP	550	HTTP/1.1 404 Not Found (text/html)

Frame 95: 528 bytes on wire (4224 bits), 528 bytes captured (4224 bits) on interface wlp0s20f3, id 0
 Ethernet II, Src: 18:26:49:e1:fd:fc (18:26:49:e1:fd:fc), Dst: TendaTec_c2:e2:a0 (cc:2d:21:c2:e2:a0)
 Internet Protocol Version 4, Src: 192.168.1.214, Dst: 128.119.245.12
 Transmission Control Protocol, Src Port: 50288, Dst Port: 80, Seq: 1, Ack: 1, Len: 462
 Hypertext Transfer Protocol
 GET /wireshark-labs/protected_pages/HTTP-wireshark-file5.html HTTP/1.1
 [Expert Info (Chat/Sequence): GET /wireshark-labs/protected_pages/HTTP-wireshark-file5.html HTTP/1.1
 Request Method: GET
 Request URI: /wireshark-labs/protected_pages/HTTP-wireshark-file5.html
 Request Version: HTTP/1.1
 Host: gaia.cs.umass.edu
 User-Agent: Mozilla/5.0 (X11; Ubuntu; Linux x86_64; rv:96.0) Gecko/20100101 Firefox/96.0
 Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8
 Accept-Language: en-US,en;q=0.5
 Accept-Encoding: gzip, deflate
 Connection: keep-alive
 Upgrade-Insecure-Requests: 1
 Authorization: Basic d2lyZXN0YXJrLXN0dWR1bnRZOm5ldHdvcm5=\n\n
 Credentials: wireshark-students:network
 [Full request URI: http://gaia.cs.umass.edu/wireshark-labs/protected_pages/HTTP-wireshark-file5.html]
 [HTTP request 1/2]

1. На первый GET запрос пришел ответ 401 Unauthorized. Что значит, что пользователь не был авторизован.
2. Вторым GET запросом мы передали данные пользователя: логин и пароль. В GET запросе появилось поле Authorization, в котором через Credentials передаются эти данные.