

HTTP GET REQUEST

Values which are accepted in the response to this request: Accept:

text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3.

Content-Encoding types: gzip, deflate.

Accepted languages: ru-RU, en-US.

The image shows a Wireshark packet capture window. The top pane displays a list of captured packets. Packet 14562 is selected, showing an HTTP GET request from 192.168.118.17 to 128.119.245.12. The bottom pane shows the details of this packet, including the Hypertext Transfer Protocol section with the following fields:

- Host: gaia.cs.umass.edu\r\n
- Connection: keep-alive\r\n
- Cache-Control: max-age=0\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/77.0.3865.120 Safari/537.36\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\r\n
- Accept-Encoding: gzip, deflate\r\n
- Accept-Language: ru-RU,ru;q=0.9,en-US;q=0.8,en;q=0.7\r\n
- If-None-Match: "2ca-5953d25d1970b"\r\n
- If-Modified-Since: Sat, 19 Oct 2019 05:59:03 GMT\r\n

The status bar at the bottom indicates the packet is from an HTTP Host (http.host), 25 bytes, and shows statistics for the capture.

Результаты экспорта:

The image shows a text file named 'GetPacket.txt' containing the exported data for the selected packet. The data is formatted as follows:

```
No.      Time      Source      Destination      Protocol Length Info
34 2.897922 192.168.118.17 128.119.245.12 HTTP 646 GET /wireshark-labs/HTTP-wireshark-file4.html HTTP/1.1
```

Frame 34: 646 bytes on wire (5168 bits), 646 bytes captured (5168 bits) on interface 0
Ethernet II, Src: LiteonTe_ee:31:53 (d0:df:9a:ee:31:53), Dst: AsustekC_67:19:61 (00:18:f3:67:19:61)
Internet Protocol Version 4, Src: 192.168.118.17, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 52573, Dst Port: 80, Seq: 1, Ack: 1, Len: 592
Hypertext Transfer Protocol
GET /wireshark-labs/HTTP-wireshark-file4.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
Upgrade-Insecure-Requests: 1\r\n
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/77.0.3865.120 Safari/537.36\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\r\n
Accept-Encoding: gzip, deflate\r\n
Accept-Language: ru-RU,ru;q=0.9,en-US;q=0.8,en;q=0.7\r\n
If-None-Match: "2ca-5953d25d1970b"\r\n
If-Modified-Since: Sat, 19 Oct 2019 05:59:03 GMT\r\n
\r\n
[Full request URI: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file4.html]
[HTTP request 1/1]
[Response in frame: 36]

The bottom of the window shows a summary table with the same columns as the packet list in the previous image.

HTTP RESPONSE

Status 304 Not Modified, 3xx – Redirection

The image shows a Wireshark packet capture of an HTTP 304 Not Modified response. The packet list shows a GET request for /wireshark-labs/HTTP-wireshark-file4.html and a corresponding 304 response. The packet details pane shows the response structure, including the status code 304 and the response phrase 'Not Modified'. The packet bytes pane shows the raw data of the response.

No.	Time	Source	Destination	Protocol	Length	Info
34	2.897922	192.168.118.17	128.119.245.12	HTTP	646	GET /wireshark-labs/HTTP-wireshark-file4.html HTTP/1.1
36	3.066750	128.119.245.12	192.168.118.17	HTTP	294	HTTP/1.1 304 Not Modified
967	72.609404	192.168.118.17	128.119.245.12	HTTP	646	GET /wireshark-labs/HTTP-wireshark-file4.html HTTP/1.1
995	73.145582	128.119.245.12	192.168.118.17	HTTP	294	HTTP/1.1 304 Not Modified
14562	253.015844	192.168.118.17	128.119.245.12	HTTP	646	GET /wireshark-labs/HTTP-wireshark-file4.html HTTP/1.1
14576	254.371191	128.119.245.12	192.168.118.17	HTTP	294	HTTP/1.1 304 Not Modified

Frame 14576: 294 bytes on wire (2352 bits), 294 bytes captured (2352 bits) on interface 0
> Ethernet II, Src: AsustekC_67:19:61 (00:18:f3:67:19:61), Dst: LiteonTe_ee:31:53 (d0:df:9a:ee:31:53)
> Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.118.17
> Transmission Control Protocol, Src Port: 80, Dst Port: 52812, Seq: 1, Ack: 593, 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] [HTTP/1.1 304 Not Modified\r\n] [Severity level: Chat] [Group: Sequence] Response Version: HTTP/1.1 Status Code: 304 [Status Code Description: Not Modified] Response Phrase: Not Modified Date: Sat, 19 Oct 2019 09:24:11 GMT\r\n Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/5.4.16 mod_perl/2.0.10 Perl/v5.16.3\r\n Connection: Keep-Alive\r\n Keep-Alive: timeout=5, max=100\r\n ETag: "2ca-5953d25d1970b"\r\n \r\n [HTTP response 1/1] [Time since request: 1.356147000 seconds] [Request in frame: 14562] [Request URI: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file4.html]

Результаты экспорта:

The image shows the exported HTTP packet data from the previous capture, saved as a text file. The file contains the raw data of the HTTP 304 Not Modified response, including the status code, response phrase, and various headers.

```
HTTPPacket.txt — Блокнот
Файл  Правка  Формат  Вид  Справка

No.    Time    Source    Destination    Protocol Length Info
34  2.897922  192.168.118.17  128.119.245.12  HTTP  646  GET /wireshark-labs/HTTP-wireshark-file4.html HTTP/1.1

Frame 34: 646 bytes on wire (5168 bits), 646 bytes captured (5168 bits) on interface 0
Ethernet II, Src: LiteonTe_ee:31:53 (d0:df:9a:ee:31:53), Dst: AsustekC_67:19:61 (00:18:f3:67:19:61)
Internet Protocol Version 4, Src: 192.168.118.17, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 52573, Dst Port: 80, Seq: 1, Ack: 1, Len: 592
Hypertext Transfer Protocol
  GET /wireshark-labs/HTTP-wireshark-file4.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
  Upgrade-Insecure-Requests: 1\r\n
  User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/77.0.3865.120 Safari/537.36\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\r\n
  Accept-Encoding: gzip, deflate\r\n
  Accept-Language: ru-RU,ru;q=0.9,en-US;q=0.8,en;q=0.7\r\n
  If-None-Match: "2ca-5953d25d1970b"\r\n
  If-Modified-Since: Sat, 19 Oct 2019 05:59:03 GMT\r\n
  \r\n
  [Full request URI: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file4.html]
  [HTTP request 1/1]
  [Response in frame: 36]
```