1. 1) curl -v -i [http://google.ru](http://google.ru/)

Trying 173.194.220.94...

\* TCP\_NODELAY set

\* Expire in 149945 ms for 3 (transfer 0x55eadee80f90)

\* Expire in 200 ms for 4 (transfer 0x55eadee80f90)

\* Connected to google.ru (173.194.220.94) port 80 (#0)

> GET / HTTP/1.1

> Host: google.ru

> User-Agent: curl/7.64.0

> Accept: \*/\*

>

< HTTP/1.1 301 Moved Permanently

HTTP/1.1 301 Moved Permanently

< Location: http://www.google.ru/

Location: http://www.google.ru/

< Content-Type: text/html; charset=UTF-8

Content-Type: text/html; charset=UTF-8

< Date: Thu, 11 Feb 2021 16:48:36 GMT

Date: Thu, 11 Feb 2021 16:48:36 GMT

< Expires: Sat, 13 Mar 2021 16:48:36 GMT

Expires: Sat, 13 Mar 2021 16:48:36 GMT

< Cache-Control: public, max-age=2592000

Cache-Control: public, max-age=2592000

< Server: gws

Server: gws

< Content-Length: 218

Content-Length: 218

< X-XSS-Protection: 0

X-XSS-Protection: 0

< X-Frame-Options: SAMEORIGIN

X-Frame-Options: SAMEORIGIN

< X-Cache: MISS from proxy-10

X-Cache: MISS from proxy-10

< X-Cache-Lookup: MISS from proxy-10:3128

X-Cache-Lookup: MISS from proxy-10:3128

< Via: 1.1 proxy-10 (squid/4.6)

Via: 1.1 proxy-10 (squid/4.6)

< Connection: keep-alive

Connection: keep-alive

2) curl -v -i [http://www.google.ru](http://www.google.ru/)

OK

3) curl -v -i [http://ya.ru](http://ya.ru/)

Trying 87.250.250.242...

\* TCP\_NODELAY set

\* Expire in 149996 ms for 3 (transfer 0x556d2ce56f90)

\* Expire in 200 ms for 4 (transfer 0x556d2ce56f90)

\* Connected to ya.ru (87.250.250.242) port 80 (#0)

> GET / HTTP/1.1

> Host: ya.ru

> User-Agent: curl/7.64.0

> Accept: \*/\*

>

< HTTP/1.1 302 Found

HTTP/1.1 302 Found

< Cache-Control: no-cache,no-store,max-age=0,must-revalidate

Cache-Control: no-cache,no-store,max-age=0,must-revalidate

< Content-Length: 0

Content-Length: 0

< Date: Thu, 11 Feb 2021 16:45:12 GMT

Date: Thu, 11 Feb 2021 16:45:12 GMT

< Expires: Thu, 11 Feb 2021 16:45:13 GMT

Expires: Thu, 11 Feb 2021 16:45:13 GMT

< Last-Modified: Thu, 11 Feb 2021 16:45:13 GMT

Last-Modified: Thu, 11 Feb 2021 16:45:13 GMT

< Location: https://ya.ru/

Location: https://ya.ru/

4) curl -v -i https://ya.ru

2. curl -v -i http://google.ru -H "User-Agent:Mozilla/5.0 (Macintosh; Intel Mac OS X 11\_0\_1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/88.0.4324.96 Safari/537.36"

Trying 173.194.220.94...

\* TCP\_NODELAY set

\* Expire in 149999 ms for 3 (transfer 0x5559e8342f90)

\* Expire in 200 ms for 4 (transfer 0x5559e8342f90)

\* Connected to google.ru (173.194.220.94) port 80 (#0)

> GET / HTTP/1.1

> Host: google.ru

> Accept: \*/\*

> User-Agent:Mozilla/5.0 (Macintosh; Intel Mac OS X 11\_0\_1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/88.0.4324.96 Safari/537.36

>

< HTTP/1.1 301 Moved Permanently

HTTP/1.1 301 Moved Permanently

< Location: http://www.google.ru/

Location: http://www.google.ru/

< Content-Type: text/html; charset=UTF-8

Content-Type: text/html; charset=UTF-8

< Date: Thu, 11 Feb 2021 17:09:31 GMT

Date: Thu, 11 Feb 2021 17:09:31 GMT

< Expires: Sat, 13 Mar 2021 17:09:31 GMT

Expires: Sat, 13 Mar 2021 17:09:31 GMT

< Cache-Control: public, max-age=2592000

Cache-Control: public, max-age=2592000

3. GET-запросом:

curl -v -X GET -i www.google.ru

HTTP/1.1 200 OK

Date: Mon, 08 Feb 2021 14:33:29 GMT

Expires: -1

Cache-Control: private, max-age=0

Content-Type: text/html; charset=windows-1251

P3P: CP="This is not a P3P policy! See g.co/p3phelp for more info."

Server: gws

X-XSS-Protection: 0

X-Frame-Options: SAMEORIGIN

Set-Cookie: 1P\_JAR=2021-02-08-14; expires=Wed, 10-Mar-2021 14:33:29 GMT; path=/; domain=.google.ru; Secure

Set-Cookie: NID=208=RUU35zbnqrxUodpHEsy91-XrwN5\_Js7\_edJLKfjX9tD2l89HsU-JGXXNB6L\_ZIUw4LIb1Wm0898g3dVNNrhDa4S8y5OZoJaFon68sZEjSJXpmMhfF\_cHGMpzHos-fn1\_c5MiFoWKsMZPZ9d\_c5fP3DTGrbSJkmGXFFmCp8CHQLI; expires=Tue, 10-Aug-2021 14:33:29 GMT; path=/; domain=.google.ru; HttpOnly

Accept-Ranges: none

Vary: Accept-Encoding

X-Cache: MISS from proxy-10

X-Cache-Lookup: MISS from proxy-10:3128

Transfer-Encoding: chunked

Via: 1.1 proxy-10 (squid/4.6)

Connection: keep-alive

HEAD-запросом:

curl -X HEAD -i www.google.ru

HTTP/1.1 200 OK

Content-Type: text/html; charset=windows-1251

P3P: CP="This is not a P3P policy! See g.co/p3phelp for more info."

Date: Mon, 08 Feb 2021 14:32:21 GMT

Server: gws

X-XSS-Protection: 0

X-Frame-Options: SAMEORIGIN

Expires: Mon, 08 Feb 2021 14:32:21 GMT

Cache-Control: private

Set-Cookie: 1P\_JAR=2021-02-08-14; expires=Wed, 10-Mar-2021 14:32:21 GMT; path=/; domain=.google.ru; Secure

Set-Cookie: NID=208=Dq4K0h7StMSGVb0Q7j8Y\_rrefdykoEbRcfrmiNUOknh6qHyrRQi4GtQ8vls3LsUNfUZzld80iShBSNgcidHv2wIGo86Khioo\_eLZIoyHzRjgpURuDB5lThTAhRwKhdIZGN-b2XL8kS0b\_9CEO6kWwsWvSFlX8TfTfrUy5GHlB3o; expires=Tue, 10-Aug-2021 14:32:21 GMT; path=/; domain=.google.ru; HttpOnly

X-Cache: MISS from proxy-10

X-Cache-Lookup: MISS from proxy-10:3128

Via: 1.1 proxy-10 (squid/4.6)

Connection: keep-alive

4. GET-запросом:

curl -X GET -H "User-Agent:Mozilla/5.0 (Macintosh; Intel Mac OS X 11\_0\_1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/88.0.4324.96 Safari/537.36" -i [www.google.ru](http://www.google.ru/)

HTTP/1.1 302 Found

Location: https://www.google.ru/?gws\_rd=ssl

Cache-Control: private

Content-Type: text/html; charset=UTF-8

Date: Mon, 08 Feb 2021 14:42:35 GMT

Server: gws

Content-Length: 230

X-XSS-Protection: 0

X-Frame-Options: SAMEORIGIN

Set-Cookie: 1P\_JAR=2021-02-08-14; expires=Wed, 10-Mar-2021 14:42:35 GMT; path=/; domain=.google.ru; Secure; SameSite=none

X-Cache: MISS from proxy-10

X-Cache-Lookup: MISS from proxy-10:3128

Via: 1.1 proxy-10 (squid/4.6)

Connection: keep-alive

HEAD-запросом:

curl -X HEAD -H "User-Agent:Mozilla/5.0 (Macintosh; Intel Mac OS X 11\_0\_1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/88.0.4324.96 Safari/537.36" -i [www.google.ru](http://www.google.ru/)

HTTP/1.1 200 OK

Content-Type: text/html; charset=UTF-8

Date: Mon, 08 Feb 2021 14:44:30 GMT

Server: gws

X-XSS-Protection: 0

X-Frame-Options: SAMEORIGIN

Expires: Mon, 08 Feb 2021 14:44:30 GMT

Cache-Control: private

Set-Cookie: 1P\_JAR=2021-02-08-14; expires=Wed, 10-Mar-2021 14:44:30 GMT; path=/; domain=.google.ru; Secure; SameSite=none

X-Cache: MISS from proxy-10

X-Cache-Lookup: MISS from proxy-10:3128

Via: 1.1 proxy-10 (squid/4.6)

Connection: keep-alive