

NAME

CURLOPT_DOH_SSL_VERIFYSTATUS – verify the DoH SSL certificate's status

SYNOPSIS

```
#include <curl/curl.h>
```

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_DOH_SSL_VERIFYSTATUS,
                           long verify);
```

DESCRIPTION

Pass a long as parameter set to 1 to enable or 0 to disable.

This option determines whether libcurl verifies the status of the DoH (DNS-over-HTTPS) server cert using the "Certificate Status Request" TLS extension (aka. OCSP stapling).

This option is the DoH equivalent of *CURLOPT_SSL_VERIFYSTATUS(3)* and only affects requests to the DoH server.

If this option is enabled and the server does not support the TLS extension, the verification fails.

DEFAULT

0

PROTOCOLS

This functionality affects all TLS based protocols: HTTPS, FTPS, IMAPS, POP3S, SMTPS etc.

This option works only with the following TLS backends: GnuTLS and OpenSSL

EXAMPLE

```
int main(void)
{
    CURL *curl = curl_easy_init();
    if(curl) {
        CURLcode result;
        curl_easy_setopt(curl, CURLOPT_URL, "https://example.com");

        curl_easy_setopt(curl, CURLOPT_DOH_URL,
                        "https://cloudflare-dns.com/dns-query");

        /* Ask for OCSP stapling when verifying the DoH server */
        curl_easy_setopt(curl, CURLOPT_DOH_SSL_VERIFYSTATUS, 1L);

        result = curl_easy_perform(curl);
        curl_easy_cleanup(curl);
    }
}
```

AVAILABILITY

Added in curl 7.76.0

RETURN VALUE

curl_easy_setopt(3) returns a CURLcode indicating success or error.

CURLE_OK (0) means everything was OK, non-zero means an error occurred, see *libcurl-errors(3)*.

SEE ALSO

CURLOPT_DOH_SSL_VERIFYHOST(3), CURLOPT_DOH_SSL_VERIFYPEER(3), CURLOPT_SSL_VERIFYSTATUS(3)