

**NAME**

CURLOPT\_TLSAUTH\_TYPE – set TLS authentication methods

**SYNOPSIS**

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

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_TLSAUTH_TYPE, long bitmask);
```

**DESCRIPTION**

Pass a long as parameter, which is set to a bitmask, to tell libcurl which authentication method(s) you want it to use for TLS authentication.

**CURL\_TLSAUTH\_SRP**

TLS-SRP authentication. Secure Remote Password authentication for TLS is defined in RFC5054 and provides mutual authentication if both sides have a shared secret. To use TLS-SRP, you must also set the *CURLOPT\_TLSAUTH\_USERNAME(3)* and *CURLOPT\_TLSAUTH\_PASSWORD(3)* options.

**DEFAULT**

CURL\_TLSAUTH\_NONE (0)

**PROTOCOLS**

All TLS-based protocols

**EXAMPLE**

TODO

**AVAILABILITY**

You need to build libcurl with GnuTLS or OpenSSL with TLS-SRP support for this to work. Added in 7.21.4

**RETURN VALUE**

Returns CURLE\_OK if the option is supported, and CURLE\_UNKNOWN\_OPTION if not.

**SEE ALSO**

*CURLOPT\_TLSAUTH\_USERNAME(3)*, *CURLOPT\_TLSAUTH\_PASSWORD(3)*,