

NAME

CURLOPT_CAINFO – path to Certificate Authority (CA) bundle

SYNOPSIS

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

```
CURLcode curl_easy_setopt(CURL *handle, CURLOPT_CAINFO, char *path);
```

DESCRIPTION

Pass a char * to a zero terminated string naming a file holding one or more certificates to verify the peer with.

If *CURLOPT_SSL_VERIFYPEER(3)* is zero and you avoid verifying the server's certificate, *CURLOPT_CAINFO(3)* need not even indicate an accessible file.

This option is by default set to the system path where libcurl's cacert bundle is assumed to be stored, as established at build time.

If curl is built against the NSS SSL library, the NSS PEM PKCS#11 module (libnsspem.so) needs to be available for this option to work properly.

DEFAULT

Built-in system specific

PROTOCOLS

All TLS based protocols: HTTPS, FTPS, IMAPS, POP3S, SMTPS etc.

EXAMPLE

TODO

AVAILABILITY

For SSL engines that don't support certificate files the CURLOPT_CAINFO option is ignored. Refer to <https://curl.haxx.se/docs/ssl-compared.html>

RETURN VALUE

Returns CURLE_OK if the option is supported, CURLE_UNKNOWN_OPTION if not, or CURLE_OUT_OF_MEMORY if there was insufficient heap space.

SEE ALSO

CURLOPT_CAPATH(3), **CURLOPT_SSL_VERIFYPEER(3)**, **CURLOPT_SSL_VERIFYHOST(3)**,