

**NAME**

gnutls\_certificate\_get\_ocsp\_expiration - API function

**SYNOPSIS**

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

```
time_t gnutls_certificate_get_ocsp_expiration(gnutls_certificate_credentials_t sc, unsigned idx, int oidx, unsigned flags);
```

**ARGUMENTS**

gnutls\_certificate\_credentials\_t sc  
is a credentials structure.

unsigned idx is a certificate chain index as returned by **gnutls\_certificate\_set\_key()** and friends

int oidx is an OCSP response index

unsigned flags  
should be zero

**DESCRIPTION**

This function returns the validity of the loaded OCSP responses, to provide information on when to reload/refresh them.

Note that the credentials structure should be read-only when in use, thus when reloading, either the credentials structure must not be in use by any sessions, or a new credentials structure should be allocated for new sessions.

When *oidx* is (-1) then the minimum refresh time for all responses is returned. Otherwise the index specifies the response corresponding to the *oidx* certificate in the certificate chain.

**RETURNS**

On success, the expiration time of the OCSP response. Otherwise (time\_t)(-1) on error, or (time\_t)-2 on out of bounds.

**SINCE**

3.6.3

**REPORTING BUGS**

Report bugs to <bugs@gnutls.org>.

Home page: <https://www.gnutls.org>

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## **SEE ALSO**

The full documentation for **gnutls** is maintained as a Texinfo manual. If the `/usr/local/share/doc/gnutls/` directory does not contain the HTML form visit

<https://www.gnutls.org/manual/>