

NAME

gnutls_certificate_set_ocsp_status_request_function2 - API function

SYNOPSIS

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

```
int gnutls_certificate_set_ocsp_status_request_function2(gnutls_certificate_credentials_t sc, unsigned
idx, gnutls_status_request_ocsp_func ocsf_func, void * ptr);
```

ARGUMENTS

gnutls_certificate_credentials_t sc

is a **gnutls_certificate_credentials_t** type.

unsigned idx is a certificate index as returned by **gnutls_certificate_set_key()** and friends

gnutls_status_request_ocsp_func ocsf_func

function pointer to OCSP status request callback.

void * ptr opaque pointer passed to callback function

DESCRIPTION

This function is to be used by server to register a callback to provide OCSP status requests that correspond to the indexed certificate chain from the client. The callback will be invoked if the client supplied a status-request OCSP extension.

The callback function prototype is:

```
typedef int (*gnutls_status_request_ocsp_func) (gnutls_session_t session, void *ptr, gnutls_datum_t
*ocsp_response);
```

The callback will be invoked if the client requests an OCSP certificate status. The callback may return **GNUTLS_E_NO_CERTIFICATE_STATUS**, if there is no recent OCSP response. If the callback returns **GNUTLS_E_SUCCESS**, it is expected to have the *ocsp_response* field set with a valid (DER-encoded) OCSP response. The response must be a value allocated using **gnutls_malloc()**, and will be deinitialized by the caller.

NOTE

the ability to set multiple OCSP responses per credential structure via the index *idx* was added in version 3.5.6. To keep backwards compatibility, it requires using **gnutls_certificate_set_flags()** with the **GNUTLS_CERTIFICATE_API_V2** flag to make the set certificate functions return an index usable by

this function.

RETURNS

On success, **GNUTLS_E_SUCCESS** (0) is returned, otherwise a negative error code is returned.

SINCE

3.5.5

REPORTING BUGS

Report bugs to <bugs@gnutls.org>.

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

COPYRIGHT

Copyright (C) 2001- Free Software Foundation, Inc., and others.

Copying and distribution of this file, with or without modification, are permitted in any medium without royalty provided the copyright notice and this notice are preserved.

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/>