NAME

gnutls_certificate_set_ocsp_status_request_mem - API function

SYNOPSIS

#include <gnutls/gnutls.h>

int gnutls_certificate_set_ocsp_status_request_mem(gnutls_certificate_credentials_t *sc***, const gnutls_datum_t *** *resp_data***, unsigned** *idx***, gnutls_x509_crt_fmt_t** *fmt***);**

ARGUMENTS

gnutls_certificate_credentials_t sc
> is a credentials structure.

const gnutls_datum_t * resp_data
> a memory buffer holding an OCSP response

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

gnutls_x509_crt_fmt_t fmt
> is PEM or DER

DESCRIPTION

This function sets the OCSP responses to be sent to the peer for the certificate chain specified by *idx* . When *fmt* is set to PEM, multiple responses can be loaded.

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.

This function must be called after setting any certificates, and cannot be used for certificates that are provided via a callback -- that is when **gnutls_certificate_set_retrieve_function()** is used.

This function can be called multiple times when multiple responses which apply to the certificate chain are available. If the response provided does not match any certificates present in the chain, the code **GNUTLS_E_OCSP_MISMATCH_WITH_CERTS** is returned. If the response is already expired at the time of loading the code **GNUTLS_E_EXPIRED** is returned.

RETURNS

On success, the number of loaded responses is returned, otherwise a negative error code.

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/