

**NAME**

gnutls\_certificate\_set\_ocsp\_status\_request\_file - API function

**SYNOPSIS**

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

```
int gnutls_certificate_set_ocsp_status_request_file(gnutls_certificate_credentials_t sc, const char *
response_file, unsigned idx);
```

**ARGUMENTS**

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

const char \* response\_file  
a filename of the OCSP response

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

**DESCRIPTION**

This function loads the provided OCSP response. It will be sent to the client if requests an OCSP certificate status for the certificate chain specified by *idx* .

**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 can be called multiple times since GnuTLS 3.6.3 when multiple responses which apply to the 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. To revert to the previous behavior set the flag **GNUTLS\_CERTIFICATE\_SKIP\_OCSP\_RESPONSE\_CHECK** in the certificate credentials structure. In that case, only the end-certificate's OCSP response can be set. If the response is already expired at the time of loading the code **GNUTLS\_E\_EXPIRED** is returned.

To revert to the previous behavior of this function which does not return any errors, set the flag **GNUTLS\_CERTIFICATE\_SKIP\_OCSP\_RESPONSE\_CHECK**

**RETURNS**

On success, **GNUTLS\_E\_SUCCESS** (0) is returned, otherwise a negative error code is returned.

## **SINCE**

3.1.3

## **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/>