

**NAME**

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

**SYNOPSIS**

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

```
void gnutls_certificate_set_ocsp_status_request_function(gnutls_certificate_credentials_t sc,
gnutls_status_request_ocsp_func ocsp_func, void * ptr);
```

**ARGUMENTS**

gnutls\_certificate\_credentials\_t sc

is a **gnutls\_certificate\_credentials\_t** type.

gnutls\_status\_request\_ocsp\_func ocsp\_func

function pointer to OCSF 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 handle OCSF status requests from the client. The callback will be invoked if the client supplied a status-request OCSF 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 OCSF certificate status. The callback may return **GNUTLS\_E\_NO\_CERTIFICATE\_STATUS**, if there is no recent OCSF response. If the callback returns **GNUTLS\_E\_SUCCESS**, it is expected to have the *ocsp\_response* field set with a valid (DER-encoded) OCSF response. The response must be a value allocated using **gnutls\_malloc()**, and will be deinitialized by the caller.

It is possible to set a specific callback for each provided certificate using **gnutls\_certificate\_set\_ocsp\_status\_request\_function2()**.

**SINCE**

3.1.3

**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/>