

NAME

gnutls_x509_ct_sct_get - API function

SYNOPSIS

```
#include <gnutls/x509-ext.h>
```

```
int gnutls_x509_ct_sct_get(const gnutls_x509_ct_scts_t scts, unsigned idx, time_t * timestamp,  
gnutls_datum_t * logid, gnutls_sign_algorithm_t * sigalg, gnutls_datum_t * signature);
```

ARGUMENTS

const gnutls_x509_ct_scts_t *scts*

A list of SCTs

unsigned *idx* The index of the target SCT in the list

time_t * *timestamp*

The timestamp of the SCT

gnutls_datum_t * *logid*

The LogID field of the SCT; must be freed with **gnutls_free()**

gnutls_sign_algorithm_t * *sigalg*

The signature algorithm

gnutls_datum_t * *signature*

The signature of the SCT; must be freed with **gnutls_free()**

DESCRIPTION

This function will return a specific SCT (Signed Certificate Timestamp) stored in the SCT list *scts*.

The datums holding the SCT's LogId and signature will be allocated using **gnutls_malloc()**.

RETURNS

GNUTLS_E_SUCCESS (0) will be returned on success,

GNUTLS_E_REQUESTED_DATA_NOT_AVAILABLE if *idx* exceeds the number of SCTs in the list or a negative error value.

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/>