

**NAME**

gnutls\_x509\_cert\_get\_tlsfeatures - API function

**SYNOPSIS**

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

```
int gnutls_x509_cert_get_tlsfeatures(gnutls_x509_cert_t cert, gnutls_x509_tlsfeatures_t features, unsigned int flags, unsigned int * critical);
```

**ARGUMENTS**

gnutls\_x509\_cert\_t *cert*

A X.509 certificate

gnutls\_x509\_tlsfeatures\_t *features*

If the function succeeds, the features will be stored in this variable.

unsigned int *flags*

zero or **GNUTLS\_EXT\_FLAG\_APPEND**

unsigned int \* *critical*

the extension status

**DESCRIPTION**

This function will get the X.509 TLS features extension structure from the certificate. The returned structure needs to be freed using **gnutls\_x509\_tlsfeatures\_deinit()**.

When the *flags* is set to **GNUTLS\_EXT\_FLAG\_APPEND**, then if the *features* structure is empty this function will behave identically as if the flag was not set. Otherwise if there are elements in the *features* structure then they will be merged with.

Note that *features* must be initialized prior to calling this function.

**RETURNS**

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

**SINCE**

3.5.1

**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/>