

gnutls_x509_name_constraints_get_permitted(3) gnutls gnutls_x509_name_constraints_get_permitted(3)

NAME

gnutls_x509_name_constraints_get_permitted - API function

SYNOPSIS

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

```
int gnutls_x509_name_constraints_get_permitted(gnutls_x509_name_constraints_t nc, unsigned idx,  
unsigned * type, gnutls_datum_t * name);
```

ARGUMENTS

gnutls_x509_name_constraints_t nc
the extracted name constraints

unsigned idx the index of the constraint

unsigned * type
the type of the constraint (of type gnutls_x509_subject_alt_name_t)

gnutls_datum_t * name
the name in the constraint (of the specific type)

DESCRIPTION

This function will return an intermediate type containing the name constraints of the provided CA certificate. That structure can be used in combination with **gnutls_x509_name_constraints_check()** to verify whether a server's name is in accordance with the constraints.

The name should be treated as constant and valid for the lifetime of *nc*.

RETURNS

On success, **GNUTLS_E_SUCCESS** (0) is returned,

GNUTLS_E_REQUESTED_DATA_NOT_AVAILABLE if the extension is not present, otherwise a negative error value.

SINCE

3.3.0

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/>