

gnutls_x509_name_constraints_add_permitted(3) gnutls gnutls_x509_name_constraints_add_permitted(3)

NAME

gnutls_x509_name_constraints_add_permitted - API function

SYNOPSIS

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

```
int gnutls_x509_name_constraints_add_permitted(gnutls_x509_name_constraints_t nc,  
gnutls_x509_subject_alt_name_t type, const gnutls_datum_t * name);
```

ARGUMENTS

gnutls_x509_name_constraints_t nc

The nameconstraints

gnutls_x509_subject_alt_name_t type

The type of the constraints

const gnutls_datum_t * name

The data of the constraints

DESCRIPTION

This function will add a name constraint to the list of permitted constraints. The constraints *type* can be any of the following types: **GNUTLS_SAN_DNSNAME**, **GNUTLS_SAN_RFC822NAME**, **GNUTLS_SAN_DN**, **GNUTLS_SAN_URI**, **GNUTLS_SAN_IPADDRESS**. For the latter, an IP address in network byte order is expected, followed by its network mask.

RETURNS

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