

NAME

gnutls_x509_name_constraints_check - API function

SYNOPSIS

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

```
unsigned gnutls_x509_name_constraints_check(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 extracted name constraints

gnutls_x509_subject_alt_name_t *type*
the type of the constraint to check (of type gnutls_x509_subject_alt_name_t)

const gnutls_datum_t * *name*
the name to be checked

DESCRIPTION

This function will check the provided name against the constraints in *nc* using the RFC5280 rules. Currently this function is limited to DNS names, emails and IP addresses (of type **GNUTLS_SAN_DNSNAME**, **GNUTLS_SAN_RFC822NAME** and **GNUTLS_SAN_IPADDRESS**).

RETURNS

zero if the provided name is not acceptable, and non-zero otherwise.

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/>