

gnutls\_x509\_name\_constraints\_check\_cert(3) gnutls gnutls\_x509\_name\_constraints\_check\_cert(3)

## NAME

gnutls\_x509\_name\_constraints\_check\_cert - API function

## SYNOPSIS

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

```
unsigned gnutls_x509_name_constraints_check_cert(gnutls_x509_name_constraints_t nc,  
gnutls_x509_subject_alt_name_t type, gnutls_x509_cert_t cert);
```

## 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)

gnutls\_x509\_cert\_t *cert*  
the certificate to be checked

## DESCRIPTION

This function will check the provided certificate names against the constraints in *nc* using the RFC5280 rules. It will traverse all the certificate's names and alternative names.

Currently this function is limited to DNS names and emails (of type **GNUTLS\_SAN\_DNSNAME** and **GNUTLS\_SAN\_RFC822NAME**).

## 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/>