

**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/>