

NAME

dane_verify_session_cert - API function

SYNOPSIS

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

```
int dane_verify_session_cert(dane_state_t s, gnutls_session_t session, const char * hostname, const char * proto, unsigned int port, unsigned int sflags, unsigned int vflags, unsigned int * verify);
```

ARGUMENTS

dane_state_t s A DANE state structure (may be NULL)

gnutls_session_t session
A gnutls session

const char * hostname
The hostname associated with the chain

const char * proto
The protocol of the service connecting (e.g. tcp)

unsigned int port
The port of the service connecting (e.g. 443)

unsigned int sflags
Flags for the initialization of s (if NULL)

unsigned int vflags
Verification flags; an OR'ed list of **dane_verify_flags_t**.

unsigned int * verify
An OR'ed list of **dane_verify_status_t**.

DESCRIPTION

This function will verify session's certificate chain against the CA constraints and/or the certificate available via DANE. See **dane_verify_cert()** for more information.

This will not verify the chain for validity; unless the DANE verification is restricted to end certificates, this must be performed separately using **gnutls_certificate_verify_peers3()**.

RETURNS

a negative error code on error and **DANE_E_SUCCESS** (0) when the DANE entries were successfully parsed, irrespective of whether they were verified (see *verify* for that information). If no usable entries were encountered **DANE_E_REQUESTED_DATA_NOT_AVAILABLE** will be returned.

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/>