

NAME

gnutls_session_set_verify_cert - API function

SYNOPSIS

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

```
void gnutls_session_set_verify_cert(gnutls_session_t session, const char * hostname, unsigned flags);
```

ARGUMENTS

gnutls_session_t session
is a gnutls session

const char * hostname
is the expected name of the peer; may be **NULL**

unsigned flags
flags for certificate verification -- **gnutls_certificate_verify_flags**

DESCRIPTION

This function instructs GnuTLS to verify the peer's certificate using the provided hostname. If the verification fails the handshake will also fail with

GNUTLS_E_CERTIFICATE_VERIFICATION_ERROR. In that case the verification result can be obtained using **gnutls_session_get_verify_cert_status()**.

The *hostname* pointer provided must remain valid for the lifetime of the session. More precisely it should be available during any subsequent handshakes. If no hostname is provided, no hostname verification will be performed. For a more advanced verification function check **gnutls_session_set_verify_cert2()**.

If *flags* is provided which contain a profile, this function should be called after any session priority setting functions.

The **gnutls_session_set_verify_cert()** function is intended to be used by TLS clients to verify the server's certificate.

SINCE

3.4.6

REPORTING BUGS

Report bugs to <bugs@gnutls.org>.

Home page: <https://www.gnutls.org>

COPYRIGHT

Copyright (C) 2001-2023 Free Software Foundation, Inc., and others.

Copying and distribution of this file, with or without modification, are permitted in any medium without royalty provided the copyright notice and this notice are preserved.

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/>