

NAME

gnutls_store_commitment - API function

SYNOPSIS

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

```
int gnutls_store_commitment(const char * db_name, gnutls_tdb_t tdb, const char * host, const char *
service, gnutls_digest_algorithm_t hash_algo, const gnutls_datum_t * hash, time_t expiration, unsigned
int flags);
```

ARGUMENTS

const char * db_name

A file specifying the stored keys (use NULL for the default)

gnutls_tdb_t tdb

A storage structure or NULL to use the default

const char * host

The peer's name

const char * service

non-NULL if this key is specific to a service (e.g. http)

gnutls_digest_algorithm_t hash_algo

The hash algorithm type

const gnutls_datum_t * hash

The raw hash

time_t expiration

The expiration time (use 0 to disable expiration)

unsigned int flags

should be 0 or **GNUTLS_SCOMMIT_FLAG_ALLOW_BROKEN**.

DESCRIPTION

This function will store the provided hash commitment to the list of stored public keys. The key with the given hash will be considered valid until the provided expiration time.

The *tdb* variable if non-null specifies a custom backend for the storage of entries. If it is NULL then

the default file backend will be used.

Note that this function is not thread safe with the default backend.

RETURNS

On success, **GNUTLS_E_SUCCESS** (0) is returned, otherwise a negative error value.

SINCE

3.0

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/>