NAME

gnutls_store_pubkey - API function

SYNOPSIS

#include <gnutls/gnutls.h>

int gnutls_store_pubkey(const char * *db_name***, gnutls_tdb_t** *tdb***, const char *** *host***, const char ***
*service***, gnutls_certificate_type_t** *cert_type***, const gnutls_datum_t *** *cert***, 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_certificate_type_t cert_type

The type of the certificate

const gnutls_datum_t * cert

The data of the certificate

time_t expiration

The expiration time (use 0 to disable expiration)

unsigned int flags

should be 0.

DESCRIPTION

This function will store a raw public-key or a public-key provided via a raw (DER-encoded) certificate
to the list of stored public keys. The key 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.

Unless an alternative *tdb* is provided, the storage format is a textual format consisting of a line for each host with fields separated by '|'. The contents of the fields are a format-identifier which is set to 'g0', the hostname that the rest of the data applies to, the numeric port or host name, the expiration time in seconds since the epoch (0 for no expiration), and a base64 encoding of the raw (DER) public key information (SPKI) of the peer.

As of GnuTLS 3.6.6 this function also accepts raw public keys.

RETURNS

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

SINCE

3.0.13

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/