

## NAME

gnutls\_pubkey\_import\_tpm\_url - API function

## SYNOPSIS

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

```
int gnutls_pubkey_import_tpm_url(gnutls_pubkey_t pkey, const char * url, const char * srk_password,  
unsigned int flags);
```

## ARGUMENTS

gnutls\_pubkey\_t pkey

The public key

const char \* url

The URL of the TPM key to be imported

const char \* srk\_password

The password for the SRK key (optional)

unsigned int flags

should be zero

## DESCRIPTION

This function will import the given private key to the abstract **gnutls\_privkey\_t** type.

Note that unless **GNUTLS\_PUBKEY\_DISABLE\_CALLBACKS** is specified, if incorrect (or NULL) passwords are given the PKCS11 callback functions will be used to obtain the correct passwords.

Otherwise if the SRK password is wrong **GNUTLS\_E\_TPM\_SRK\_PASSWORD\_ERROR** is returned.

## RETURNS

On success, **GNUTLS\_E\_SUCCESS** (0) is returned, otherwise a negative error value.

## SINCE

3.1.0

## REPORTING BUGS

Report bugs to <bugs@gnutls.org>.

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

**COPYRIGHT**

Copyright (C) 2001- 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/>