NAME

gnutls_privkey_import_tpm_url - API function

SYNOPSIS

#include <gnutls/abstract.h>

int gnutls_privkey_import_tpm_url(gnutls_privkey_t *pkey***, const char *** *url***, const char *** *srk_password***, const char *** *key_password***, unsigned int** *flags***);**

ARGUMENTS

gnutls_privkey_t pkey
> The private key

const char * url
> The URL of the TPM key to be imported

const char * srk_password
> The password for the SRK key (optional)

const char * key_password
> A password for the key (optional)

unsigned int flags
> One of the GNUTLS_PRIVKEY_* flags

DESCRIPTION

This function will import the given private key to the abstract **gnutls_privkey_t** type.

Note that unless **GNUTLS_PRIVKEY_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 and if the key password is wrong or not provided then **GNUTLS_E_TPM_KEY_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

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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/