

**NAME**

gnutls\_pkcs11\_copy\_secret\_key - API function

**SYNOPSIS**

```
#include <gnutls/pkcs11.h>
```

```
int gnutls_pkcs11_copy_secret_key(const char * token_url, gnutls_datum_t * key, const char * label,  
unsigned int key_usage, unsigned int flags);
```

**ARGUMENTS**

const char \* token\_url

A PKCS **11** URL specifying a token

gnutls\_datum\_t \* key

The raw key

const char \* label

A name to be used for the stored data

unsigned int key\_usage

One of GNUTLS\_KEY\_\*

unsigned int flags

One of GNUTLS\_PKCS11\_OBJ\_FLAG\_\*

**DESCRIPTION**

This function will copy a raw secret (symmetric) key into a PKCS **11** token specified by a URL. The key can be marked as sensitive or not.

**RETURNS**

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

**SINCE**

2.12.0

**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/>