



Linux Ubuntu 26.04 Manual Pages on command 'key_decryptsession.3'

\$ man key_decryptsession.3

key_setsecret(3) Library Functions Manual key_setsecret(3)

NAME

key_decryptsession, key_encryptsession, key_setsecret, key_gendes, key_secretkey_is_set -
interfaces to rpc keyserver daemon

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

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

int key_decryptsession(char *remotename, des_block *deskey);

int key_encryptsession(char *remotename, des_block *deskey);

int key_gendes(des_block *deskey);

int key_setsecret(char *key);

int key_secretkey_is_set(void);
```

DESCRIPTION

The functions here are used within the RPC's secure authentication mechanism (AUTH_DES).

There should be no need for user programs to use this functions.

The function key_decryptsession() uses the (remote) server netname and takes the DES key for decrypting. It uses the public key of the server and the secret key associated with the effective UID of the calling process.

The function key_encryptsession() is the inverse of key_decryptsession(). It encrypts the DES keys with the public key of the server and the secret key associated with the effective UID of the calling process.

The function key_gendes() is used to ask the keyserver for a secure conversation key.

RETURN VALUE

ATTRIBUTES

[illegible][illegible]

? key_setsecret(), key_secretkey_is_set()	?	?	?
---	---	---	---

[illegible]

Note that we talk about two types of encryption here. One is asymmetric using a public and secret key. The other is symmetric, the 64-bit DES.

SEE ALSO

Linux man-pages 6.17

2026-02-08

```
key_setsecret(3)
```