

NAME

krb5_change_password, **krb5_set_password**, **krb5_set_password_using_ccache**,
krb5_passwd_result_to_string - change password functions

LIBRARY

Kerberos 5 Library (libkrb5, -lkrb5)

SYNOPSIS

```
#include <krb5.h>
```

krb5_error_code

```
krb5_change_password(krb5_context context, krb5_creds *creds, char *newpw, int *result_code,  
krb5_data *result_code_string, krb5_data *result_string);
```

krb5_error_code

```
krb5_set_password(krb5_context context, krb5_creds *creds, char *newpw, krb5_principal targprinc,  
int *result_code, krb5_data *result_code_string, krb5_data *result_string);
```

krb5_error_code

```
krb5_set_password_using_ccache(krb5_context context, krb5_ccache ccache, char *newpw,  
krb5_principal targprinc, int *result_code, krb5_data *result_code_string, krb5_data *result_string);
```

*const char **

```
krb5_passwd_result_to_string(krb5_context context, int result);
```

DESCRIPTION

These functions change the password for a given principal.

krb5_set_password() and **krb5_set_password_using_ccache()** are the newer of the three functions, and use a newer version of the protocol (and also fall back to the older set-password protocol if the newer protocol doesn't work).

krb5_change_password() sets the password *newpasswd* for the client principal in *creds*. The server principal of *creds* must be *kadmin/changepw*.

krb5_set_password() and **krb5_set_password_using_ccache()** change the password for the principal *targprinc*.

krb5_set_password() requires that the credential for *kadmin/changepw@REALM* is in *creds*. If the user caller isn't an administrator, this credential needs to be an initial credential, see **krb5_get_init_creds(3)**

how to get such credentials.

krb5_set_password_using_ccache() will get the credential from *ccache*.

If *targprinc* is NULL, **krb5_set_password_using_ccache()** uses the the default principal in *ccache* and **krb5_set_password()** uses the global the default principal.

All three functions return an error in *result_code* and maybe an error string to print in *result_string*.

krb5_passwd_result_to_string() returns an human readable string describing the error code in *result_code* from the **krb5_set_password()** functions.

SEE ALSO

krb5_ccache(3), krb5_init_context(3)