

**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**krb5\_set\_password()** and **krb5\_set\_password\_using\_ccache()** are the newer of the three functions, and use a newer version of the protocol (and also fall back to the older set-password protocol if the newer protocol doesn't work).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)