

NAME

pam_setcred - modify / delete user credentials for an authentication service

SYNOPSIS

```
#include <sys/types.h>
```

```
#include <security/pam_appl.h>
```

```
int
```

```
pam_setcred(pam_handle_t *pamh, int flags);
```

DESCRIPTION

The **pam_setcred**() function manages the application's credentials.

The *flags* argument is the binary or of zero or more of the following values:

PAM_SILENT Do not emit any messages.

PAM_ESTABLISH_CRED
 Establish the credentials of the target user.

PAM_DELETE_CRED
 Revoke all established credentials.

PAM_REINITIALIZE_CRED
 Fully reinitialise credentials.

PAM_REFRESH_CRED
 Refresh credentials.

The latter four are mutually exclusive.

If any other bits are set, **pam_setcred**() will return PAM_BAD_CONSTANT.

RETURN VALUES

The **pam_setcred**() function returns one of the following values:

[PAM_SUCCESS] Success.

[PAM_ABORT] General failure.

[PAM_BAD_CONSTANT]

Bad constant.

[PAM_BUF_ERR] Memory buffer error.

[PAM_CONV_ERR] Conversation failure.

[PAM_CRED_ERR] Failed to set user credentials.

[PAM_CRED_EXPIRED]

User credentials have expired.

[PAM_CRED_UNAVAIL]

Failed to retrieve user credentials.

[PAM_PERM_DENIED]

Permission denied.

[PAM_SERVICE_ERR]

Error in service module.

[PAM_SYSTEM_ERR]

System error.

[PAM_USER_UNKNOWN]

Unknown user.

SEE ALSO

pam(3), pam_strerror(3)

STANDARDS

X/Open Single Sign-On Service (XSSO) - Pluggable Authentication Modules, June 1997.

AUTHORS

The **pam_setcred()** function and this manual page were developed for the FreeBSD Project by ThinkSec AS and Network Associates Laboratories, the Security Research Division of Network Associates, Inc. under DARPA/SPAWAR contract N66001-01-C-8035 ("CBOSS"), as part of the DARPA CHATS research program.

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