

**NAME**

**pam\_sm\_chauthtok** - service module implementation for pam\_chauthtok

**SYNOPSIS**

```
#include <sys/types.h>
#include <security/pam_appl.h>
#include <security/pam_modules.h>
```

*int*

```
pam_sm_chauthtok(pam_handle_t *pamh, int flags, int argc, const char **argv);
```

**DESCRIPTION**

The **pam\_sm\_chauthtok**() function is the service module's implementation of the pam\_chauthtok(3) API function.

When the application calls pam\_chauthtok(3), the service function is called twice, first with the PAM\_PRELIM\_CHECK flag set and then again with the PAM\_UPDATE\_AUTHHTOK flag set.

**RETURN VALUES**

The **pam\_sm\_chauthtok**() function returns one of the following values:

[PAM\_SUCCESS] Success.

[PAM\_ABORT] General failure.

[PAM\_AUTHHTOK\_DISABLE\_AGING]  
Authentication token aging disabled.

[PAM\_AUTHHTOK\_ERR]  
Authentication token failure.

[PAM\_AUTHHTOK\_LOCK\_BUSY]  
Authentication token lock busy.

[PAM\_AUTHHTOK\_RECOVERY\_ERR]  
Failed to recover old authentication token.

[PAM\_BUF\_ERR] Memory buffer error.

[PAM\_CONV\_ERR] Conversation failure.

[PAM\_IGNORE] Ignore this module.

[PAM\_PERM\_DENIED]  
Permission denied.

[PAM\_SERVICE\_ERR]  
Error in service module.

[PAM\_SYSTEM\_ERR]  
System error.

[PAM\_TRY\_AGAIN]  
Try again.

### SEE ALSO

pam(3), pam\_chauthtok(3), pam\_strerror(3)

### STANDARDS

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

### AUTHORS

The **pam\_sm\_chauthtok()** 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.

The OpenPAM library is maintained by Dag-Erling Smørgrav <des@des.no>.