

NAME

pam_sm_authenticate - service module implementation for pam_authenticate

SYNOPSIS

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

int

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

DESCRIPTION

The **pam_sm_authenticate()** function is the service module's implementation of the pam_authenticate(3) API function.

RETURN VALUES

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

[PAM_SUCCESS] Success.

[PAM_ABORT] General failure.

[PAM_AUTHINFO_UNAVAIL]
Authentication information is unavailable.

[PAM_AUTH_ERR] Authentication error.

[PAM_BUF_ERR] Memory buffer error.

[PAM_CONV_ERR] Conversation failure.

[PAM_CRED_INSUFFICIENT]
Insufficient credentials.

[PAM_IGNORE] Ignore this module.

[PAM_MAXTRIES] Maximum number of tries exceeded.

[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_authenticate(3), pam_strerror(3)

STANDARDS

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

AUTHORS

The **pam_sm_authenticate()** 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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