

NAME

pam_open_session - open a user session

SYNOPSIS

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

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

int

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

DESCRIPTION

The **pam_open_session()** sets up a user session for a previously authenticated user. The session should later be torn down by a call to **pam_close_session(3)**.

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

PAM_SILENT Do not emit any messages.

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

RETURN VALUES

The **pam_open_session()** 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_PERM_DENIED]
 Permission denied.

[PAM_SERVICE_ERR]
 Error in service module.

[PAM_SESSION_ERR]

Session failure.

[PAM_SYSTEM_ERR]

System error.

SEE ALSO

pam(3), pam_close_session(3), pam_strerror(3)

STANDARDS

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

AUTHORS

The **pam_open_session()** 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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