

**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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