

**NAME**

**openpam\_borrow\_cred** - temporarily borrow user credentials

**SYNOPSIS**

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

*int*

```
openpam_borrow_cred(pam_handle_t *pamh, const struct passwd *pwd);
```

**DESCRIPTION**

The **openpam\_borrow\_cred()** function saves the current credentials and switches to those of the user specified by its *pwd* argument. The affected credentials are the effective UID, the effective GID, and the group access list. The original credentials can be restored using **openpam\_restore\_cred(3)**.

**RETURN VALUES**

The **openpam\_borrow\_cred()** function returns one of the following values:

[PAM_SUCCESS]	Success.
[PAM_BUF_ERR]	Memory buffer error.
[PAM_PERM_DENIED]	Permission denied.
[PAM_SYSTEM_ERR]	System error.

**SEE ALSO**

setgid(2), seteuid(2), setgroups(2), openpam\_restore\_cred(3), pam(3), pam\_strerror(3)

**STANDARDS**

The **openpam\_borrow\_cred()** function is an OpenPAM extension.

**AUTHORS**

The **openpam\_borrow\_cred()** 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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