

NAME

pam_cap – PAM module to set inheritable capabilities

SYNOPSIS

pam_cap.so [config=*/path/to/capability.conf*] [debug]

DESCRIPTION

The pam_cap PAM module sets the current process' inheritable capabilities.

Capabilities are read from the */etc/security/capability.conf* config file, or alternate file specified with the config= option.

The module must not be called by a multithreaded application.

OPTIONS

config=*/path/to/capability.conf*

Indicate an alternative *capability.conf* style configuration file to override the default.

debug

Print debug information.

MODULE TYPES PROVIDED

Only the **authentication** module type is provided.

RETURN VALUES

PAM_AUTH_ERR

The user is not known to the system.

PAM_IGNORE

No capabilities found for this user.

PAM_INCOMPLETE

Indicates a PAM-Conversation failure.

PAM_SUCCESS

Capabilities were set.

FILES

/etc/security/capability.conf

Default configuration file

EXAMPLES

Nearly all applications/daemons which use PAM for authentication contain a configuration line: *@include common-auth*. Thus, to set inheritable capabilities in **all** of these applications, add the following as the last line to */etc/pam.d/common-auth*

```
auth optional pam_cap.so
```

To set inheritable capabilities for a user in a **specific** application, or in application(s) which do not *@include common-auth*, add the line below to the application-specific file; e.g. */etc/pam.d/myapp*

```
auth optional pam_cap.so
```

SEE ALSO

capability.conf(5), **pam.d(5)**, **pam(7)**.

AUTHORS

pam_cap was initially written by Andrew G. Morgan <morgan@kernel.org>