

**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**

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