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***Rocky Enterprise Linux 9.2 Manual Pages on command 'pam\_cap.8'***

***\$ man pam\_cap.8***

PAM\_CAP(8)                      Linux-PAM Manual                      PAM\_CAP(8)

**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>