NAME

capablity.conf − configuration file for the pam_cap module

DESCRIPTION

Each line of the file consists of two fields; the fields define:

<capability-list>

One or more comma-separated capabilities, specified as either the textual capability name, or numeric capability value. Text name(s) and numeric value(s) may be intermixed.

The special capability name **all** may be used to enable all capabilities known to the local system.

The special capability name **none** may be used to disable all current inheritable capabilities.

NOTE: No whitespace is pemitted between the values. The names all and none may not be combined with any other capabilities.

<username>

One or more whitespace-separated usernames, or the wildcard *****.

NOTE: The first matching entry is used. Thus, only a single matching username entry, and/or a single wildcard entry, may be used. A matching username entry must *precede* the wildcard entry in order to be effective.

IMPORTANT: <capability-list> *replaces* the current process' inherited capabilities; i.e. there is no provision for adding/subtracting from the current set. In most environments, the inheritable set of the process performing user authentication is 0 (empty).

If any capability name or numeric value is invalid/unknown to the local system, the capabilities will be rejected, and the inheritable set will **not** be modified.

EXAMPLES

These are some example lines which might be specified in /etc/security/capability.conf.

```
# Simple
cap_sys_ptrace          developer
cap_net_raw             user1

# Multiple capablities
cap_net_admin,cap_net_raw    jrnetadmin
# Identical, but with numeric values
12,13                   jrnetadmin

# Combining names and numerics
cap_sys_admin,22,25          jrsysadmin

# Next line has no effect; user1 already matched above
5,12,13                 user1

# Insure any potential capailities from calling process are dropped
none                    luser1 luser2

# Allow anyone to manipulate capabilities
# Will NOT apply to users matched above !
cap_setpcap             *
```

SEE ALSO

      pam_cap(8), **pam.d**(5), **pam**(7), **capabilities**(7)

AUTHOR

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