NAME
      pam_umask − PAM module to set the file mode creation mask

SYNOPSIS
      pam_umask.so [debug] [silent] [usergroups] [umask=*mask*]

DESCRIPTION
      pam_umask is a PAM module to set the file mode creation mask of the current environment. The umask affects the default permissions assigned to newly created files.

      The PAM module tries to get the umask value from the following places in the following order:

- umask= entry in the user's GECOS field

- umask= argument

- UMASK entry from /etc/login.defs (influenced by USERGROUPS_ENAB in /etc/login.defs)

- UMASK= entry from /etc/default/login

      The GECOS field is split on comma ',' characters. The module also in addition to the umask= entry recognizes pri= entry, which sets the nice priority value for the session, and ulimit= entry, which sets the maximum size of files the processes in the session can create.

OPTIONS
      debug
            Print debug information.

      silent
            Don't print informative messages.

      usergroups
            If the user is not root and the username is the same as primary group name, the umask group bits are set to be the same as owner bits (examples: 022 −> 002, 077 −> 007). Note that using this option explicitly is discouraged. pam_umask enables this functionality by default if /etc/login.defs enables USERGROUPS_ENAB, and the umask is not set explicitly in other places than /etc/login.defs (this is compatible with login's behaviour without PAM).

      umask=*mask*
            Sets the calling process's file mode creation mask (umask) to **mask** & 0777. The value is interpreted as Octal.

MODULE TYPES PROVIDED
      Only the **session** type is provided.

RETURN VALUES
      PAM_SUCCESS
            The new umask was set successfully.

      PAM_SERVICE_ERR
            No username was given.

      PAM_USER_UNKNOWN
            User not known.

EXAMPLES
      Add the following line to /etc/pam.d/login to set the user specific umask at login:

      session optional pam_umask.so umask=0022

SEE ALSO
      pam.conf(5), **pam.d**(5), **pam**(7)

AUTHOR

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