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Rocky Enterprise Linux 9.2 Manual Pages on command 'pam_succeed_if.8'

$ man pam_succeed_if.8

PAM_SUCCEED_IF(8)   Linux-PAM   PAM_SUCCEED_IF(8)

NAME

    pam_succeed_if - test account characteristics

SYNOPSIS

    pam_succeed_if.so [flag...] [condition...]

DESCRIPTION

    pam_succeed_if.so is designed to succeed or fail authentication based

    on characteristics of the account belonging to the user being

    authenticated or values of other PAM items. One use is to select

    whether to load other modules based on this test.

    The module should be given one or more conditions as module arguments,

    and authentication will succeed only if all of the conditions are met.

OPTIONS

The following flags are supported:

debug

    Turns on debugging messages sent to syslog.

use_uid

    Evaluate conditions using the account of the user whose UID the

    application is running under instead of the user being

    authenticated.

quiet

    Don't log failure or success to the system log.

quiet_fail

    Don't log failure to the system log.

quiet_success

    Don't log success to the system log.

audit

    Log unknown users to the system log.

Conditions are three words: a field, a test, and a value to test for.

Available fields are user, uid, gid, shell, home, ruser, rhost, tty and

service:

field < number

    Field has a value numerically less than number.

field <= number

    Field has a value numerically less than or equal to number.

field eq number

Field has a value numerically equal to number.

field >= number

Field has a value numerically greater than or equal to number.

field > number

Field has a value numerically greater than number.

field ne number

Field has a value numerically different from number.

field = string

Field exactly matches the given string.

field != string

Field does not match the given string.

field =~ glob

Field matches the given glob.

field !~ glob

Field does not match the given glob.

field in item:item:...

Field is contained in the list of items separated by colons.

field notin item:item:...

Field is not contained in the list of items separated by colons.

user ingroup group[:group:....]

User is in given group(s).

user notingroup group[:group:....]

    User is not in given group(s).

user innetgr netgroup

    (user,host) is in given netgroup.

user notinnetgr group

    (user,host) is not in given netgroup.

MODULE TYPES PROVIDED

All module types (account, auth, password and session) are provided.

RETURN VALUES

PAM_SUCCESS

    The condition was true.

PAM_AUTH_ERR

    The condition was false.

PAM_SERVICE_ERR

    A service error occurred or the arguments can't be parsed

    correctly.

EXAMPLES

To emulate the behaviour of pam_wheel, except there is no fallback to

group 0 being only approximated by checking also the root group

membership:

    auth required pam_succeed_if.so quiet user ingroup wheel:root

Given that the type matches, only loads the othermodule rule if the UID

is over 500. Adjust the number after default to skip several rules.

```
type [default=1 success=ignore] pam_succeed_if.so quiet uid > 500

type required othermodule.so arguments...
```

SEE ALSO

glob(7), pam(8)

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