Red Hat Enterprise Linux Release 9.2 Manual Pages on 'pam_stress.8' command

$ man pam_stress.8

PAM_STRESS(8)   Linux-PAM Manual   PAM_STRESS(8)

NAME

    pam_stress - The stress-testing PAM module

SYNOPSIS

    pam_stress.so [debug] [no_warn] [use_first_pass] [try_first_pass]

        [rootok] [expired] [fail_1] [fail_2] [prelim] [required]

DESCRIPTION

    The pam_stress PAM module is mainly intended to give the impression of

    failing as a fully functioning module might.

OPTIONS

    debug

      Put lots of information in syslog. *NOTE* this option writes

      passwords to syslog, so don't use anything sensitive when testing.

    no_warn

      Do not give warnings about things (otherwise warnings are issued

      via the conversation function)

    use_first_pass

      Do not prompt for a password, for pam_sm_authentication function

      just use item PAM_AUTHTOK.

    try_first_pass

      Do not prompt for a password unless there has been no previous

      authentication token (item PAM_AUTHTOK is NULL)

    rootok

This is intended for the pam_sm_chauthtok function and it instructs this function to permit root to change the user's password without entering the old password.

expired

An argument intended for the account and chauthtok module parts. It instructs the module to act as if the user's password has expired

fail_1

This instructs the module to make its first function fail.

fail_2

This instructs the module to make its second function (if there is one) fail.

prelim

For pam_sm_chauthtok, means fail on PAM_PRELIM_CHECK.

required

For pam_sm_chauthtok, means fail if the user hasn't already been authenticated by this module. (See stress_new_pwd data string in the NOTES.)

MODULE TYPES PROVIDED

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

RETURN VALUES

PAM_BUF_ERR

Memory buffer error.

PAM_PERM_DENIED

Permission denied.

PAM_AUTH_ERR

Access to the system was denied.

PAM_CONV_ERR

Conversation failure.

PAM_SUCCESS

The function passes all checks.

PAM_USER_UNKNOWN

The user is not known to the system.

PAM_CRED_ERR

Failure involving user credentials.

PAM_NEW_AUTHTOK_REQD

Authentication token is no longer valid; new one required.

PAM_SESSION_ERR

Session failure.

PAM_TRY_AGAIN

Failed preliminary check by service.

PAM_AUTHTOK_LOCK_BUSY

Authentication token lock busy.

PAM_AUTHTOK_ERR

Authentication token manipulation error.

PAM_SYSTEM_ERR

System error.

NOTES

This module uses the stress_new_pwd data string which tells

pam_sm_chauthtok that pam_sm_acct_mgmt says we need a new password. The

only possible value for this data string is 'yes'.

EXAMPLES

#%PAM-1.0

#

Any of the following will suffice

account required pam_stress.so

auth   required pam_stress.so

password required pam_stress.so

session required pam_stress.so

SEE ALSO

pam.conf(5), pam.d(5), pam(8).

AUTHORS

The pam_stress PAM module was developed by Andrew Morgan

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Lucas Ramage <ramage.lucas@protonmail.com>.