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

$ man pam_rootok.8

PAM_ROOTOK(8)   Linux-PAM Manual   PAM_ROOTOK(8)

NAME

    pam_rootok - Gain only root access

SYNOPSIS

    pam_rootok.so [debug]

DESCRIPTION

    pam_rootok is a PAM module that authenticates the user if their UID is 0. Applications

    that are created setuid-root generally retain the UID of the user but run with the

    authority of an enhanced effective-UID. It is the real UID that is checked.

OPTIONS

    debug

      Print debug information.

MODULE TYPES PROVIDED

    The auth, account and password module types are provided.

RETURN VALUES

    PAM_SUCCESS

      The UID is 0.

PAM_AUTH_ERR

The UID is not 0.

EXAMPLES

In the case of the su(1) application the historical usage is to permit the superuser to adopt the identity of a lesser user without the use of a password. To obtain this behavior with PAM the following pair of lines are needed for the corresponding entry in the /etc/pam.d/su configuration file:

```
# su authentication. Root is granted access by default.
auth  sufficient   pam_rootok.so
auth  required     pam_unix.so
```

SEE ALSO

su(1), pam.conf(5), pam.d(5), pam(7)

AUTHOR

pam_rootok was written by Andrew G. Morgan, <morgan@kernel.org>.