

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>.