

**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**, **acct** 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**

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