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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'pam\_debug.8'***

***\$ man pam\_debug.8***

PAM\_DEBUG(8)                  Linux-PAM Manual                  PAM\_DEBUG(8)

#### NAME

pam\_debug - PAM module to debug the PAM stack

#### SYNOPSIS

pam\_debug.so [auth=value] [cred=value] [acct=value]  
              [preauthtok=value] [chauthtok=value] [auth=value]  
              [open\_session=value] [close\_session=value]

#### DESCRIPTION

The pam\_debug PAM module is intended as a debugging aide for determining how the PAM stack is operating. This module returns what its module arguments tell it to return.

#### OPTIONS

auth=value

The pam\_sm\_authenticate(3) function will return value.

cred=value

The pam\_sm\_setcred(3) function will return value.

acct=value

The pam\_sm\_acct\_mgmt(3) function will return value.

prechauthtok=value

The pam\_sm\_chauthtok(3) function will return value if the PAM\_PRELIM\_CHECK flag is set.

chauthtok=value

The pam\_sm\_chauthtok(3) function will return value if the PAM\_PRELIM\_CHECK flag is not set.

open\_session=value

The pam\_sm\_open\_session(3) function will return value.

close\_session=value

The pam\_sm\_close\_session(3) function will return value.

Where value can be one of: success, open\_err, symbol\_err, service\_err, system\_err, buf\_err, perm\_denied, auth\_err, cred\_insufficient, authinfo\_unavail, user\_unknown, maxtries, new\_authtok\_reqd, acct\_expired, session\_err, cred\_unavail, cred\_expired, cred\_err, no\_module\_data, conv\_err, authtok\_err, authtok\_recover\_err, authtok\_lock\_busy, authtok\_disable\_aging, try\_again, ignore, abort, authtok\_expired, module\_unknown, bad\_item, conv\_again, incomplete.

## MODULE TYPES PROVIDED

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

## RETURN VALUES

## PAM\_SUCCESS

Default return code if no other value was specified, else specified return value.

## EXAMPLES

```
auth requisite pam_permit.so
auth [success=2 default=ok] pam_debug.so auth=perm_denied cred=success
auth [default=reset] pam_debug.so auth=success cred=perm_denied
auth [success=done default=die] pam_debug.so
auth optional pam_debug.so auth=perm_denied cred=perm_denied
auth sufficient pam_debug.so auth=success cred=success
```

## SEE ALSO

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

## AUTHOR

pam\_debug was written by Andrew G. Morgan <morgan@kernel.org>.