



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

C:\>man pam_rhosts.8

PAM_RHOSTS(8) Linux-PAM Manual PAM_RHOSTS(8)

NAME

pam_rhosts - The rhosts PAM module

SYNOPSIS

pam_rhosts.so

DESCRIPTION

This module performs the standard network authentication for services, as used by traditional implementations of rlogin and rsh etc.

The authentication mechanism of this module is based on the contents of two files; /etc/hosts.equiv (or and ~/.rhosts. Firstly, hosts listed in the former file are treated as equivalent to the localhost. Secondly, entries in the user's own copy of the latter file is used to map "remote-host remote-user" pairs to that user's account on the current host. Access is granted to the user if their host is present in /etc/hosts.equiv and their remote account is identical to their local one, or if their remote account has an entry in their personal configuration file.

The module authenticates a remote user (internally specified by the item PAM_RUSER connecting from the remote host (internally specified by the item PAM_RHOST).

Accordingly, for applications to be compatible this authentication module they must set these items prior to calling `pam_authenticate()`. The module is not capable of independently probing the network connection for such information.

OPTIONS

`debug`

Print debug information.

`silent`

Don't print informative messages.

`superuser=account`

Handle account as root.

MODULE TYPES PROVIDED

Only the `auth` module type is provided.

RETURN VALUES

`PAM_AUTH_ERR`

The remote host, remote user name or the local user name couldn't be determined or access was denied by `.rhosts` file.

`PAM_USER_UNKNOWN`

User is not known to system.

EXAMPLES

To grant a remote user access by `/etc/hosts.equiv` or `.rhosts` for `rsh` add the following lines to `/etc/pam.d/rsh`:

```
#%PAM-1.0
```

```
#
```

```
auth    required    pam_rhosts.so
```

```
auth    required    pam_nologin.so
```

auth required pam_env.so
auth required pam_unix.so

SEE ALSO

rootok(3), hosts.equiv(5), rhosts(5), pam.conf(5), pam.d(5), pam(7)

AUTHOR

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