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

**\$ 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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