

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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