

**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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