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

***\$ man pam\_timestamp.8***

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

**NAME**

pam\_timestamp - Authenticate using cached successful authentication attempts

**SYNOPSIS**

pam\_timestamp.so [timestampdir=directory] [timestamp\_timeout=number] [verbose] [debug]

**DESCRIPTION**

In a nutshell, pam\_timestamp caches successful authentication attempts, and allows you to use a recent successful attempt as the basis for authentication. This is similar mechanism which is used in sudo.

When an application opens a session using pam\_timestamp, a timestamp file is created in the timestampdir directory for the user. When an application attempts to authenticate the user, a pam\_timestamp will treat a sufficiently recent timestamp file as grounds for succeeding.

**OPTIONS**

timestampdir=directory

Specify an alternate directory where pam\_timestamp creates timestamp files.

timestamp\_timeout=number

How long should pam\_timestamp treat timestamp as valid after their last modification date (in seconds). Default is 300 seconds.

verbose

Attempt to inform the user when access is granted.

debug

Turns on debugging messages sent to syslog(3).

## MODULE TYPES PROVIDED

The auth and session module types are provided.

## RETURN VALUES

PAM\_AUTH\_ERR

The module was not able to retrieve the user name or no valid timestamp file was found.

PAM\_SUCCESS

Everything was successful.

PAM\_SESSION\_ERR

Timestamp file could not be created or updated.

## NOTES

Users can get confused when they are not always asked for passwords when running a given program. Some users reflexively begin typing information before noticing that it is not being asked for.

## EXAMPLES

auth sufficient pam\_timestamp.so verbose

auth required pam\_unix.so

session required pam\_unix.so

session optional pam\_timestamp.so

## FILES

/var/run/pam\_timestamp/...

timestamp files and directories

## SEE ALSO

pam\_timestamp\_check(8), pam.conf(5), pam.d(5), pam(7)

## AUTHOR

pam\_timestamp was written by Nalin Dahyabhai.

Linux-PAM Manual

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