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

\$ man pam_env.8

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NAME

pam_env - PAM module to set/unset environment variables

SYNOPSIS

pam_env.so [debug] [conffile=conf-file] [envfile=env-file]
 [readenv=0|1] [user_envfile=env-file] [user_readenv=0|1]

DESCRIPTION

The pam_env PAM module allows the (un)setting of environment variables. Supported is the use of previously set environment variables as well as PAM_ITEMS such as PAM_RHOST.

By default rules for (un)setting of variables are taken from the config file /etc/security/pam_env.conf. An alternate file can be specified with the conffile option.

Second a file (/etc/environment by default) with simple KEY=VAL pairs on separate lines will be read. With the envfile option an alternate file can be specified. And with the readenv option this can be completely disabled.

Third it will read a user configuration file (\$HOME/.pam_environment by default). The default file can be changed with the user_envfile option and it can be turned on and off with the user_readenv option.

Since setting of PAM environment variables can have side effects to other modules, this module should be the last one on the stack.

OPTIONS

conffile=/path/to/pam_env.conf

Indicate an alternative pam_env.conf style configuration file to override the default. This can be useful when different services need different environments.

debug

A lot of debug information is printed with syslog(3).

envfile=/path/to/environment

Indicate an alternative environment file to override the default.

The syntax are simple KEY=VAL pairs on separate lines. The export instruction can be specified for bash compatibility, but will be ignored. This can be useful when different services need different environments.

readenv=0|1

Turns on or off the reading of the file specified by envfile (0 is off, 1 is on). By default this option is on.

user_envfile=filename

Indicate an alternative `.pam_environment` file to override the default. The syntax is the same as for `/etc/security/pam_env.conf`.

The filename is relative to the user home directory. This can be useful when different services need different environments.

`user_readenv=0|1`

Turns on or off the reading of the user specific environment file.

0 is off, 1 is on. By default this option is off as user supplied environment variables in the PAM environment could affect behavior of subsequent modules in the stack without the consent of the system administrator.

Due to problematic security this functionality is deprecated since the 1.5.0 version and will be removed completely at some point in the future.

MODULE TYPES PROVIDED

The auth and session module types are provided.

RETURN VALUES

`PAM_ABORT`

Not all relevant data or options could be gotten.

`PAM_BUF_ERR`

Memory buffer error.

`PAM_IGNORE`

No `pam_env.conf` and environment file was found.

`PAM_SUCCESS`

Environment variables were set.

/etc/security/pam_env.conf

Default configuration file

/etc/environment

Default environment file

\$HOME/.pam_environment

User specific environment file

SEE ALSO

pam_env.conf(5), pam.d(5), pam(8), environ(7).

AUTHOR

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