

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 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/environment`. 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.

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.

FILES

/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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