

**NAME**

pam\_sepermit - PAM module to allow/deny login depending on SELinux enforcement state

**SYNOPSIS**

**pam\_sepermit.so** [debug] [conf=/path/to/config/file]

**DESCRIPTION**

The pam\_sepermit module allows or denies login depending on SELinux enforcement state.

When the user which is logging in matches an entry in the config file he is allowed access only when the SELinux is in enforcing mode. Otherwise he is denied access. For users not matching any entry in the config file the pam\_sepermit module returns PAM\_IGNORE return value.

The config file contains a list of user names one per line with optional arguments. If the *name* is prefixed with @ character it means that all users in the group *name* match. If it is prefixed with a % character the SELinux user is used to match against the *name* instead of the account name. Note that when SELinux is disabled the SELinux user assigned to the account cannot be determined. This means that such entries are never matched when SELinux is disabled and pam\_sepermit will return PAM\_IGNORE.

See [sepermit.conf\(5\)](#) for details.

**OPTIONS****debug**

Turns on debugging via [syslog\(3\)](#).

**conf=/path/to/config/file**

Path to alternative config file overriding the default.

**MODULE TYPES PROVIDED**

The **auth** and **account** module types are provided.

**RETURN VALUES**

PAM\_AUTH\_ERR

SELinux is disabled or in the permissive mode and the user matches.

PAM\_SUCCESS

SELinux is in the enforcing mode and the user matches.

PAM\_IGNORE

The user does not match any entry in the config file.

PAM\_USER\_UNKNOWN

The module was unable to determine the user's name.

PAM\_SERVICE\_ERR

Error during reading or parsing the config file.

**FILES**

/etc/security/sepermit.conf

Default configuration file

**EXAMPLES**

```
auth [success=done ignore=ignore default=bad] pam_sepermit.so
```

```
auth required pam_unix.so
```

```
account required pam_unix.so
```

```
session required pam_permit.so
```

**SEE ALSO**

[sepermit.conf\(5\)](#), [pam.conf\(5\)](#), [pam.d\(5\)](#), [pam\(7\)](#)[selinux\(8\)](#)

**AUTHOR**

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