

ipsec_policy(8) - Linux man page

Name

ipsec_policy - show ipsec policy information

Synopsis

```
# detect what stack is used
```

```
ipsec policy --detect-stack
```

```
# display policy information
```

```
ipsec policy [ --all | [ --inbound | --outbound | --forward ] ] \  
             [ --stack=name ] [ --read=file ] [ --debug ]
```

```
# provide usage information
```

```
ipsec policy --usage
```

```
ipsec policy --help
```

Description

policy displays the incoming, outgoing, and forwarding packet policies of the system. It is a wrapper around existing klips and netkey data, but presented in a less terse form.

Options

--detect-stack

Only display the stack that Openswan is using. Possible results are.

klips

KLIPS is the Openswan ipsec kernel module. This stack type indicates that KLIPS is not running in *mast* mode (see next option), but rather in the default mode. In this mode, KLIPS outgoing packet policy is dictated by *eroutes*. See the **ipsec_eroute** man page for further details.

mast

This is a mode of the Openswan ipsec kernel module, KLIPS. In this mode outgoing packet routing policies are dictated by iptables, and Linux kernel policy routing. This mode is selected by using "protostack=mast" setting in *ipsec.conf*.

netkey

This stack indicates that Openswan is controlling the Linux kernel built-in ipsec functionally.

--all

Show inbound, outbound, and forward policies. This is the default.

--inbound --in

Show only inbound policy.

--outbound --out

Show only outbound policy.

--forward --fwd

Show only forward policy.

--stack=<name>

Skip autodetection and force read policy from this stack. See help on **--detect-stack** (above) for valid options and their descriptions.

--read=<file>

This option overrides what file would be read to gather the policy information. It could be used to read policy information from a snapshot obtained from a running system.

In the case of the klips or mast stack, this file is the output of the **/proc/net/ipsec/spi/all** file.

--help

Output help.

--debug

Output debug info.

Files

/proc/net/ipsec/spi/all

See Also

[ipsec\(8\)](#), **[ipsec_eroute\(8\)](#)**, **[ipsec_manual\(8\)](#)**

History

Designed for the Openswan project <<http://www.openswan.org>> by Bart Trojanowski.

Bugs

Does not support netkey yet.