

NAME

`nfnl_osf` – OS fingerprint loader utility

SYNOPSIS

`nfnl_osf -f fingerprints [-d]`

DESCRIPTION

The `nfnl_osf` utility allows to load a set of operating system signatures into the kernel for later matching against using iptables' `osf` match.

OPTIONS

`-f fingerprints`

Read signatures from file *fingerprints*.

`-d` Instead of adding the signatures from *fingerprints* into the kernel, remove them.

EXIT STATUS

Exit status is 0 if command succeeded, otherwise a negative return code indicates the type of error which happened:

`-1` Illegal arguments passed, fingerprints file not readable or failure in netlink communication.

`-ENOENT`

Fingerprints file not specified.

`-EINVAL`

Netlink handle initialization failed or fingerprints file format invalid.

FILES

An up to date set of operating system signatures can be downloaded from <http://www.openbsd.org/cgi-bin/cvsweb/src/etc/pf.os>

SEE ALSO

The description of `osf` match in [iptables-extensions\(8\)](#) contains further information about the topic as well as example `nfnl_osf` invocations.