

NAME

`iptables-restore` — Restore IP Tables

`ip6tables-restore` — Restore IPv6 Tables

SYNOPSIS

iptables-restore [-**chntvV**] [-**w secs**] [-**W usecs**] [-**M modprobe**] [-**T name**] [**file**]

ip6tables-restore [-**chntvV**] [-**w secs**] [-**W usecs**] [-**M modprobe**] [-**T name**] [**file**]

DESCRIPTION

iptables-restore and **ip6tables-restore** are used to restore IP and IPv6 Tables from data specified on STDIN or in *file*. Use I/O redirection provided by your shell to read from a file or specify *file* as an argument.

-c, --counters

restore the values of all packet and byte counters

-h, --help

Print a short option summary.

-n, --noflush

don't flush the previous contents of the table. If not specified, both commands flush (delete) all previous contents of the respective table.

-t, --test

Only parse and construct the ruleset, but do not commit it.

-v, --verbose

Print additional debug info during ruleset processing.

-V, --version

Print the program version number.

-w, --wait [*seconds*]

Wait for the xtables lock. To prevent multiple instances of the program from running concurrently, an attempt will be made to obtain an exclusive lock at launch. By default, the program will exit if the lock cannot be obtained. This option will make the program wait (indefinitely or for optional *seconds*) until the exclusive lock can be obtained.

-W, --wait-interval *microseconds*

Interval to wait per each iteration. When running latency sensitive applications, waiting for the xtables lock for extended durations may not be acceptable. This option will make each iteration take the amount of time specified. The default interval is 1 second. This option only works with **-w**.

-M, --modprobe *modprobe_program*

Specify the path to the modprobe program. By default, `iptables-restore` will inspect `/proc/sys/kernel/modprobe` to determine the executable's path.

-T, --table *name*

Restore only the named table even if the input stream contains other ones.

BUGS

None known as of `iptables-1.2.1` release

AUTHORS

Harald Welte <laforge@gnumonks.org> wrote `iptables-restore` based on code from Rusty Russell.

Andras Kis-Szabo <kisza@sch.bme.hu> contributed `ip6tables-restore`.

SEE ALSO

iptables-apply(8), **iptables-save(8)**, **iptables(8)**

The `iptables-HOWTO`, which details more `iptables` usage, the `NAT-HOWTO`, which details NAT, and the `netfilter-hacking-HOWTO` which details the internals.