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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'xtables-legacy.8'***

***\$ man xtables-legacy.8***

XTABLES-LEGACY(8)                      System Manager's Manual                      XTABLES-LEGACY(8)

#### NAME

xtables-legacy ? iptables using old getsockopt/setsockopt-based kernel api

#### DESCRIPTION

xtables-legacy are the original versions of iptables that use old getsockopt/setsockopt-based kernel interface. This kernel interface has some limitations, therefore iptables can also be used with the newer nf\_tables based API. See xtables-nft(8) for information about the xtables-nft variants of iptables.

#### USAGE

The xtables-legacy-multi binary can be linked to the traditional names:

```
/sbin/iptables -> /sbin/iptables-legacy-multi
/sbin/ip6tables -> /sbin/ip6tables-legacy-multi
/sbin/iptables-save -> /sbin/ip6tables-legacy-multi
/sbin/iptables-restore -> /sbin/ip6tables-legacy-multi
```

The iptables version string will indicate whether the legacy API (get/setsockopt) or the new nf\_tables API is used:

```
iptables -V
iptables v1.7 (legacy)
```

## LIMITATIONS

When inserting a rule using `iptables -A` or `iptables -I`, `iptables` first needs to retrieve the current active ruleset, change it to include the new rule, and then commit back the result. This means that if two instances of `iptables` are running concurrently, one of the updates might be lost. This can be worked around partially with the `--wait` option.

There is also no method to monitor changes to the ruleset, except periodically calling `iptables-legacy-save` and checking for any differences in output.

`xtables-monitor(8)` will need the `xtables-nft(8)` versions to work, it cannot display changes made using the `iptables-legacy` tools.

## SEE ALSO

`xtables-nft(8)`, `xtables-translate(8)`

## AUTHORS

Rusty Russell originally wrote `iptables`, in early consultation with Michael Neuling.

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