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Rocky Enterprise Linux 9.2 Manual Pages on command 'ipset-translate.8'

\$ man ipset-translate.8

IPSET-TRANSLATE(8) System Manager's Manual IPSET-TRANSLATE(8)

NAME

ipset-translate ? translation tool to migrate from ipset to nftables

DESCRIPTION

This tool allows system administrators to translate a given IP sets file to nftables(8).

The only available command is:

? ipset-translate restore < file.ipt

USAGE

The ipset-translate tool reads an IP sets file in the syntax produced by ipset(8) save. No set modifications occur, this tool is a text converter.

EXAMPLES

Basic operation examples.

Single command translation, assuming the original file:

```
create test1 hash:ip,port family inet counters timeout 300 hashsize 1024 maxelem 65536 bucketsize 12 initial
0xb5c4be5d
```

```
add test1 1.1.1.1,udp:20
```

```
add test1 1.1.1.1,21
```

```
create test2 hash:ip,port family inet hashsize 1024 maxelem 65536 bucketsize 12 initval 0xb5c4be5d
```

which results in the following translation:

```
root@machine:~# ipset-translate restore < file.ipt
```

```
add set inet global test1 { type ipv4_addr . inet_proto . inet_service; counter; timeout 300s; size 65536; }
```

```
add element inet global test1 { 1.1.1.1 . udp . 20 }
```

```
add element inet global test1 { 1.1.1.1 . tcp . 21 }
```

```
add set inet global test2 { type ipv4_addr . inet_proto . inet_service; size 65536; }
```

LIMITATIONS

A few IP sets options may be not supported because they are not yet im-

plemented in nftables(8).

Contrary to nftables(8), IP sets are not attached to a specific table.

The translation utility assumes that sets are created in a table whose

name is global and family is inet. You might want to update the result?

ing translation to use a different table name and family for your sets.

To get up-to-date information about this, please head to

<https://wiki.nftables.org/>.

SEE ALSO

nft(8), ipset(8)

AUTHORS

The nftables framework has been written by the Netfilter Project

(<https://www.netfilter.org/>).

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This documentation is free/libre under the terms of the GPLv2+.

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