Red Hat Enterprise Linux Release 9.2 Manual Pages on 'ipset-translate.8' command

$ 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 con?

    verter.

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 initval

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; }   *Page 1/2*

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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