Rocky Enterprise Linux 9.2 Manual Pages on command 'tc-tcindex.8'

$ man tc-tcindex.8

Traffic control index filter(8)   Linux   Traffic control index filter(8)

NAME

    tcindex - traffic control index filter

SYNOPSIS

    tc filter ... tcindex [hash SIZE] [mask MASK] [shift SHIFT] [

        pass_on | fall_through] [classid CLASSID] [action AC?

        TION_SPEC]

DESCRIPTION

    This filter allows one to match packets based on their tcindex field

    value, i.e. the combination of the DSCP and ECN fields as present in

    IPv4 and IPv6 headers.

OPTIONS

    action ACTION_SPEC

        Apply an action from the generic actions framework on matching

packets.

classid CLASSID

Push matching packets into the class identified by CLASSID.

hash SIZE

Hash table size in entries to use. Defaults to 64.

mask MASK

An optional bitmask to binary AND to the packet's tcindex field

before use.

shift SHIFT

The number of bits to right-shift a packet's tcindex value be?

fore use. If a mask has been set, masking is done before shift?

ing.

pass_on

If this flag is set, failure to find a class for the resulting

ID will make the filter fail and lead to the next filter being

consulted.

fall_through

This is the opposite of pass_on and the default. The filter will

classify the packet even if there is no class present for the

resulting class ID.

SEE ALSO

tc(8)