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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 ACTION_SPEC ]
```

DESCRIPTION

This filter allows 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 before use. If a mask has been set, masking is done before shifting.

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\(8\)](#)

[iproute2](#)

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