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

$ man tc-route.8

Route classifier in tc(8)   Linux   Route classifier in tc(8)

NAME

    route - route traffic control filter

SYNOPSIS

    tc filter ... route [from REALM | fromif TAG] [to REALM] [classid CLASSID] [action

        ACTION_SPEC]

DESCRIPTION

    Match packets based on routing table entries. This filter centers around the possibility

    to assign a realm to routing table entries. For any packet to be classified by this fil?

    ter, a routing table lookup is performed and the returned realm is used to decide on

    whether the packet is a match or not.

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.

    from REALM

fromif TAG

> Perform source route lookups.   TAG is the name of an interface which must be present on the system at the time of tc invocation.

to REALM

> Match if normal (i.e., destination) routing returns the given REALM.

EXAMPLES

> Consider the subnet 192.168.2.0/24 being attached to eth0:

> > ip route add 192.168.2.0/24 dev eth0 realm 2

> The following route filter will then match packets from that subnet:

> > tc filter add ... route from 2 classid 1:2

> and pass packets on to class 1:2.

NOTES

> Due to implementation details, realm values must be in a range from 0 to 255, inclusive. Alternatively, a verbose name defined in /etc/iproute2/rt_realms may be given instead.

SEE ALSO

> tc(8), ip-route(8)

iproute2   21 Oct 2015   Route classifier in tc(8)