



*Full credit is given to the above companies including the OS that this PDF file was generated!*

## ***Red Hat Enterprise Linux Release 9.2 Manual Pages on 'tc-route.8' command***

***\$ 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 filter, 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)