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

**$ man tc-skbedit.8**

SKB editing action in tc(8)        Linux        SKB editing action in tc(8)

NAME

    skbedit - SKB editing action

SYNOPSIS

    tc ... action skbedit [ queue_mapping QUEUE_MAPPING ] [ priority PRIOR?

       ITY ] [ mark MARK[/MASK] ] [ ptype PTYPE ] [ inheritdsfield ]

DESCRIPTION

    The skbedit action allows one to  change  a  packet's  associated  meta

    data.  It  complements  the  pedit  action, which in turn allows one to

    change parts of the packet data itself.

    The most unique feature of skbedit is its ability to decide over  which

    queue of an interface with multiple transmit queues the packet is to be

    sent out. The number of available transmit queues is reflected by sysfs

    entries  within /sys/class/net/<interface>/queues with name tx-N (where

N is the actual queue number).

OPTIONS

queue_mapping QUEUE_MAPPING

Override the packet's transmit queue.  Useful  when  applied  to
packets  transmitted  over  MQ-capable  network  interfaces.
QUEUE_MAPPING is an unsigned 16bit value in decimal format.

priority PRIORITY

Override the packet classification decision.  PRIORITY is either
root,  none  or a hexadecimal major class ID optionally followed
by a colon (:) and a hexadecimal minor class ID.

mark MARK[/MASK]

Change the packet's firewall mark value.  MARK  is  an  unsigned
32bit  value in automatically detected format (i.e., prefix with
'0x' for hexadecimal interpretation, etc.).   MASK  defines  the
32-bit mask selecting bits of mark value. Default is 0xffffffff.

ptype PTYPE

Override  the  packet's  type. Useful for setting packet type to
host when needing to allow ingressing packets with the wrong MAC
address  but  correct IP address.  PTYPE is one of: host, other?
host, broadcast, multicast

inheritdsfield

Override the packet classification decision, and any value spec?
ified with priority, using the information stored in the Differ?
entiated Services Field of the IPv6/IPv4 header (RFC2474).

SEE ALSO

tc(8), tc-pedit(8)