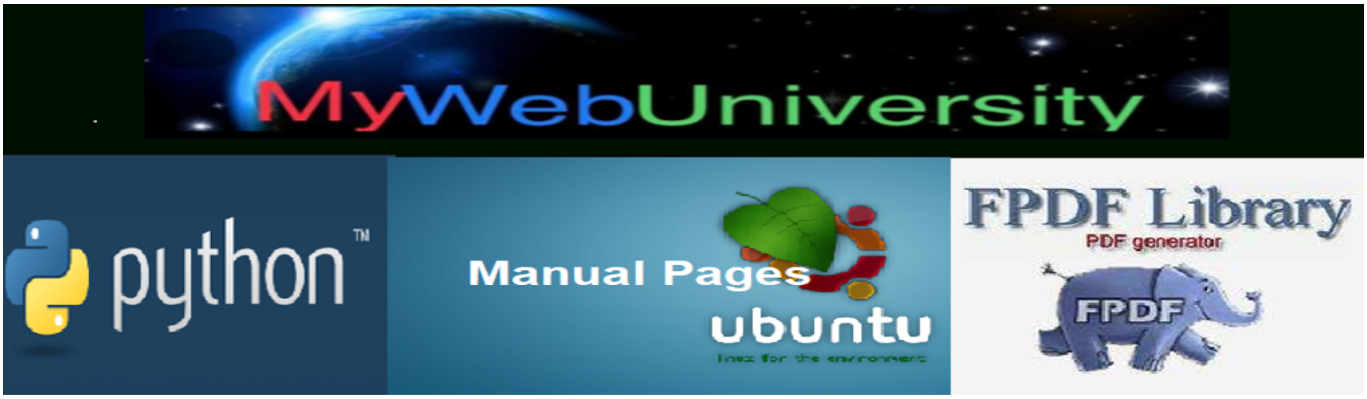

Rocky Enterprise Linux 9.2 Manual Pages on command 'tc-skbedit.8'

$ 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 PRIORITY] [mark MARK[/MASK]] [ptype PTYPE] [inheritdsfield]

DESCRIPTION

The skbedit action allows to change a packet's associated meta data. It complements the pedit action, which in turn allows to change parts of the packet data itself.

The most unique feature of skbedit is its ability to decide over which queue of an inter? face 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 mi? nor class ID.

mark MARK[/MASK]

Change the packet's firewall mark value. MARK is an unsigned 32bit value in auto? matically 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, otherhost, broadcast, multicast

inheritdsfield

Override the packet classification decision, and any value specified with priority, using the information stored in the Differentiated Services Field of the IPv6/IPv4 header (RFC2474).

SEE ALSO

tc(8), tc-pedit(8)