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

#### ***\$ man tc-matchall.8***

Match-all classifier in tc(8)            Linux            Match-all classifier in tc(8)

#### NAME

matchall - traffic control filter that matches every packet

#### SYNOPSIS

tc filter ... matchall [ skip\_sw | skip\_hw ] [ action ACTION\_SPEC ] [ classid CLASSID ]

#### DESCRIPTION

The matchall filter allows to classify every packet that flows on the port and run a action on it.

#### 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.

skip\_sw

Do not process filter by software. If hardware has no offload support for this filter, or TC offload is not enabled for the interface, operation will fail.

skip\_hw

Do not process filter by hardware.

#### EXAMPLES

To create ingress mirroring from port eth1 to port eth2:

```
tc qdisc add dev eth1 handle ffff: ingress
```

```
tc filter add dev eth1 parent ffff: \
```

```
matchall skip_sw \
```

```
action mirred egress mirror \
dev eth2
```

The first command creates an ingress qdisc with handle ffff: on device eth1 where the second command attaches a matchall filter on it that mirrors the packets to device eth2.

To create egress mirroring from port eth1 to port eth2:

```
tc qdisc add dev eth1 handle 1: root prio
tc filter add dev eth1 parent 1: \
    matchall skip_sw \
    action mirred egress mirror \
    dev eth2
```

The first command creates an egress qdisc with handle 1: that replaces the root qdisc on device eth1 where the second command attaches a matchall filter on it that mirrors the packets to device eth2.

To sample one of every 100 packets flowing into interface eth0 to psample group 12:

```
tc qdisc add dev eth0 handle ffff: ingress
tc filter add dev eth0 parent ffff: matchall \
    action sample rate 100 group 12
```

SEE ALSO

tc(8),

iproute2

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Match-all classifier in tc(8)