NAME
> tcindex – traffic control index filter

SYNOPSIS
> **tc filter** ... **tcindex** [**hash** *SIZE*] [**mask** *MASK*] [**shift** *SHIFT*] [**pass_on** | **fall_through**] [**classid**
> *CLASSID*] [**action ACTION_SPEC**]

DESCRIPTION
> This filter allows to match packets based on their **tcindex** field value, i.e. the combination of the DSCP and
> ECN fields as present in IPv4 and IPv6 headers.

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*.

> **hash** *SIZE*
>> Hash table size in entries to use. Defaults to 64.

> **mask** *MASK*
>> An optional bitmask to binary **AND** to the packet's **tcindex** field before use.

> **shift** *SHIFT*
>> The number of bits to right-shift a packet's **tcindex** value before use. If a **mask** has been set,
>> masking is done before shifting.

> **pass_on**
>> If this flag is set, failure to find a class for the resulting ID will make the filter fail and lead to the
>> next filter being consulted.

> **fall_through**
>> This is the opposite of **pass_on** and the default. The filter will classify the packet even if there is
>> no class present for the resulting class ID.

SEE ALSO
> **tc**(8)