

# nftables

## Traffic Shaping with nftables and tc

This patch is already merged upstream:

[nft-classid.patch](#)

```

parser: allow classid as set key

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Allow TC classid as set key.

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---
 src/parser_bison.y |    1 +
 1 file changed, 1 insertion(+)

diff --git a/src/parser_bison.y b/src/parser_bison.y
index 7016f5b..2918875 100644
--- a/src/parser_bison.y
+++ b/src/parser_bison.y
@@ -1545,6 +1545,7 @@ type_identifier      :   STRING      { $$ = $1; }
                    |   MARK       { $$ = xstrdup("mark"); }
                    |   DSCP       { $$ = xstrdup("dscp"); }
                    |   ECN       { $$ = xstrdup("ecn"); }
+                   |   CLASSID  { $$ = xstrdup("classid"); }
                    ;

hook_spec           :   TYPE           STRING           HOOK           STRING
dev_spec           PRIORITY prio_spec

```

```
nft add map filter deucalion { type ipv4_addr : classid\; }
```

[deucalion.nft](#)

```

map deucalion {
    type ipv4_addr : classid;
    elements = { 1.1.1.2 : 2:2222, 1.1.1.3 : 3:3333 }
}

chain input {
    type filter hook input priority 0; policy accept;
    meta priority set ip daddr map @deucalion;
}

```

}

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<https://wiki.spoje.net/doku.php/howto/network/nftables?rev=1543438753>

Last update: **2018/11/28 21:59**

