
Subject: Re: How to limit traffic per vps?

Posted by [silentninja](#) on Fri, 04 Jul 2008 14:41:25 GMT

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I've noticed that the HTB example on the wiki creates one qdisc for each class.. and this script doesn't, may that be something ?

EDIT: YEAP, it was that, and the quantum amounts , this is the fixed script for anyone

```
#!/bin/bash
```

```
# Server Total Bandwidth
```

```
IFSPEED="4mbit"
```

```
MAXBURST="256kbit"
```

```
# Get VE IPs
```

```
SHAPEIPS=`grep IP_ADDRESS /etc/vz/conf/* | cut -d\" -f2 | sed 's/ \\n/'`
```

```
# Each VE speed
```

```
SPEEDLIMIT="512kbit"
```

```
VEBURST="64kbit"
```

```
# Shape Number constant
```

```
STARTSHAPECLASS=10
```

```
addtc()
```

```
{
```

```
    tc qdisc del dev $DEV root
```

```
    tc qdisc add dev $DEV root handle 1: htb default 10
```

```
    tc class add dev $DEV parent 1: classid 1:1 htb rate "$IFSPEED" burst "$MAXBURST"
```

```
    SHAPECLASS=$STARTSHAPECLASS
```

```
    for IP in `echo "$SHAPEIPS"`
```

```
    do
```

```
        tc class add dev $DEV parent 1:1 classid 1:"$SHAPECLASS" htb rate "$SPEEDLIMIT"
```

```
    ceil "$SPEEDLIMIT" burst "$VEBURST"
```

```
    tc qdisc add dev $DEV parent 1:"$SHAPECLASS" handle "$SHAPECLASS": sfq perturb 10
```

```
        SHAPECLASS=$((SHAPECLASS+1))
```

```
    done
```

```
    SHAPECLASS=$STARTSHAPECLASS
```

```
    for IP in `echo "$SHAPEIPS"`
```

```
    do
```

```
        tc filter add dev $DEV protocol ip parent 1:0 prio 1 u32 match ip $1 "$IP" flowid
```

```
    1:"$SHAPECLASS"
```

```
        SHAPECLASS=$((SHAPECLASS+1))
```

```
    done
```

```
}
```

```
# Trafico saliente
```

```
DEV="eth0"  
addtc src  
# Trafico entrante  
DEV="venet0"  
addtc dst
```

It would be GREAT to update the example on the wiki, so anyone could edit it faster.
