
Subject: Re: How to limit traffic per vps?

Posted by [silentninja](#) on Fri, 04 Jul 2008 14:01:05 GMT

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This is my script.

- Modification: I've added an if so if the vps has 768 ram, It gets a 256kbit limit and if the vps has a higher limit 512kbit limit.
- Modification: The SHAPEIPS gets filled with the IP's on the vz conf files automatically.
- Modification: I've changed the total ammount of the webserver to 4mbit since I cannot afford 100mbit like your example and even if all 8 vps has 512kbit limit, it should never go further the 4mbits.

This is my script:

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

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

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

```
STARTSHAPECLASS=10
```

```
addtc()
```

```
{
    tc qdisc del dev $DEV root
    tc qdisc add dev $DEV root handle 1: htb
    tc class add dev $DEV parent 1: classid 1:1 htb rate "$IFSPEED" burst 15k quantum 60000
    SHAPECLASS=$STARTSHAPECLASS
    for IP in `echo "$SHAPEIPS"`
    do
        if [ `grep "IP_ADDR" /etc/vz/conf/* | grep "$IP" | cut -d: -f1 | xargs -iFILE grep VMGUAR
FILE | grep -c 768` -eq 1 ]; then SPEEDLIMIT="256kbit"; else SPEEDLIMIT="512kbit"; fi;
        tc class add dev $DEV parent 1:1 classid 1:"$SHAPECLASS" htb rate "$SPEEDLIMIT"
quantum 3000
        SHAPECLASS=$((SHAPECLASS+1))
    done
    SHAPECLASS=$STARTSHAPECLASS
    for IP in `echo "$SHAPEIPS"`
    do
        tc filter add dev $DEV protocol ip parent 1:1 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
