
Subject: bandwidth limiting with tc
Posted by [kkhari](#) on Thu, 27 Mar 2008 09:24:57 GMT
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Hi,

We are running virtuoizzo 3 on some of our servers and virtuoizzo 4 on some other. Recently we decided to implement bandwidth limiting with tc. We followed many links and decided to try this one on the openvz wiki,

http://wiki.openvz.org/Traffic_shaping_with_tc

The alternate one using HTB.

But when we started on we found that we had errors like

```
tc qdisc del dev venet0
RTNETLINK answers: No such file or directory
```

the same error for each tc command. While looking up on different forums we found that it was due to some kernel modules lacking , but then we tried lsmod to find out that it was blank,

```
*****
```

```
-bash-3.00# modprobe sch_htb
FATAL: Error inserting sch_htb (/lib/modules/2.6.9-023stab046.2-enterprise/kernel/net/sched/sch_htb.ko): Operation not permitted
*****
```

```
*****
```

```
lsmod
Module          Size Used by
*****
```

No modules are loaded on the vps. It must be normal as a kernel doesn't exist actually for each vps if i understand correctly.

The kernel modules get loaded correctly on the main vps hardware node though.

Please let us know a way by which we can implement this, all suggestions and comments are welcome.

Thank you

Subject: Re: bandwidth limiting with tc
Posted by [TheWiseOne](#) on Thu, 27 Mar 2008 12:54:58 GMT
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If this is for Virtuozzo why not use the built-in rate limiting via the vzctl rate/ratebound options?

Subject: Re: bandwidth limiting with tc
Posted by [vaverin](#) on Thu, 27 Mar 2008 13:32:30 GMT
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Hi Harikumar,

Because of You are Virtuozzo customer I would advise You to address your questions to Virtuozzo support Team
<http://www.parallels.com/en/support/virtuozzo/>

It seems for me you are truing to configure traffic shaping from inside VE. It is incorrect, You should do it on the host system. Inside VE you cannot load any modules or have direct access to hardware.

Thank you,
Vasily Averin
