Subject: *SOLVED* Newbie questions about traffic throttling and control panel
Posted by optize on Wed, 20 Sep 2006 02:19:11 GMT
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I'm looking for a way to limit the VPS's to 1Mbit/second.   I saw
http://www.serverpowered.com/openvz-bandwidth-accounting.php but it has broken links all over
it so I don't think it's supported anymore.

I'm also looking for a control panel for the end user to be able to re-install, reboot, stop, start, etc.

If you can help me out on any of these that'd be great!

Thanks.

Subject: Re: Newbie questions about traffic throttling and control panel
Posted by Vasily Tarasov on Wed, 20 Sep 2006 08:04:34 GMT
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Hello,

You can limit traffic of VE using tc. For details look at
http://wiki.openvz.org/Traffic_shaping_with_tc article.

As concerns panels. I've remember some topics here on forum from persons who had created
their own control panels. You can use search to find this posts and modify presented panels for
your needs. For example search gave me the following link:
 http://forum.openvz.org/index.php?t=tree&goto=5449&& amp;srch=control+panel#msg_5449

HTH,
vass

Subject: Re: Newbie questions about traffic throttling and control panel
Posted by optize on Sun, 22 Oct 2006 15:33:25 GMT
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Hi there,

So I tried to use tc and I get this error when running the command;
DEV=eth0
tc qdisc del dev $DEV root
tc qdisc add dev $DEV root handle 1: cbq avpkt 1000 bandwidth 100mbit
tc class add dev $DEV parent 1: classid 1:1 cbq rate 256kbit allot 1500 prio 5 bounded isolated
tc filter add dev $DEV parent 1: protocol ip prio 16 u32 match ip src 10.0.15.101 flowid 1:1
tc qdisc add dev $DEV parent 1:1 sfq perturb 10

Error:

RTNETLINK answers: No such file or directory
Unknown qdisc "cbq", hence option "avpkt" is unparsable
Error: Qdisc "cbq" is classless.
Unknown filter "u32", hence option "match" is unparsable
Unknown qdisc "sfq", hence option "perturb" is unparsable

Subject: Re: Newbie questions about traffic throttling and control panel
Posted by Vasily Tarasov on Mon, 23 Oct 2006 05:36:26 GMT
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I suspect, that you didn't load appropriate kernel modules. For example, in order to use CBQ qdisc you should load sch_cbq qdisc:

[HN]# modprobe sch_cbq
[HN]# tc qdisc add dev eth0 root handle 1: cbq avpkt 1000 bandwidth [HN]# tc qdisc show
qdisc cbq 1: dev eth0 rate 100000Kbit (bounded,isolated) prio no-transmit

HTH,
vass.

Subject: Re: Newbie questions about traffic throttling and control panel
Posted by optize on Tue, 24 Oct 2006 23:39:16 GMT
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[root@vz101 ~]# modprobe sch_cbq
[root@vz101 ~]# tc qdisc add dev eth0 root handle 1: cbq avpkt 1000 bandwidth [HN]# tc qdisc show
Unknown qdisc "cbq", hence option "avpkt" is unparsable

Subject: Re: Newbie questions about traffic throttling and control panel
Posted by Vasily Tarasov on Wed, 25 Oct 2006 05:57:30 GMT
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[root@vz101 ~]# tc qdisc add dev eth0 root handle 1: cbq avpkt 1000 bandwidth [HN]# tc qdisc show

^^^^^^^^^^^^^^^^^^^^
This is a scrap from other command

Should be so:
[HN]# tc qdisc del dev eth0 root
[HN]# tc qdisc add dev eth0 root handle 1: cbq avpkt 1000 bandwidth 100mbit

HTH,
vass.

Subject: Re: Newbie questions about traffic throttling and control panel
Posted by optize on Wed, 25 Oct 2006 13:58:33 GMT
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[root@vz101 ~]# tc qdisc del dev eth0 root
RTNETLINK answers: No such file or directory

[root@vz101 ~]# tc qdisc add dev eth0 root handle 1: cbq avpkt 1000 bandwidth 100mbit
Unknown qdisc "cbq", hence option "avpkt" is unparsable

[root@vz101 ~]#

Subject: Re: Newbie questions about traffic throttling and control panel
Posted by Vasily Tarasov on Wed, 25 Oct 2006 14:02:29 GMT
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Hmmm... for me, if required modules are loaded, it works?

Can you provide me an access to your node?

Thanks.

Subject: Re: Newbie questions about traffic throttling and control panel
Posted by optize on Wed, 25 Oct 2006 14:05:08 GMT
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Sent via PM.

Thanks!

Subject: Re: Newbie questions about traffic throttling and control panel
Posted by Vasily Tarasov on Mon, 30 Oct 2006 09:03:31 GMT
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During PMing, we investigate, that the problem seems to be in tc in CentOS 4.4. Attached patch solves the problem.

File Attachments
1) diff-centos-iproute, downloaded 592 times

Subject: Re: Newbie questions about traffic throttling and control panel
Posted by ariskeren on Tue, 07 Nov 2006 08:43:08 GMT
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then..what must i do with that file???let laugh to me lol...

Subject: Re: Newbie questions about traffic throttling and control panel
Posted by brybert on Mon, 13 Nov 2006 08:13:52 GMT
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Hi!
 Don't panic!

I've never applied a diff either..but will shortly...if I must. Basically...this is what must happen:

1) Download diff
2) Download source code to tc
3) Apply diff to source code
4) Compile tc from the modified source

It's not as difficult as you might think..but there can be problems. I'll report back later with more.

Bryon