
Subject: VPS download speed is higher than allowed

Posted by [postcd](#) on Sat, 08 Mar 2014 18:07:49 GMT

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Hello, please kindly how i can limit network data transfer speed on a VPS? In HyperVM control panel i have "Uplink Traffic(KB/s)" option, so i set 500 for testing purpose and this is a VPS config. file:

Quote:# UBC parameters (in form of barrier:limit)

```
KMEMSIZE="2147483646"
LOCKEDPAGES="1000"
PRIVVMPAGES="65536"
SHMPAGES="32768"
NUMPROC="1000"
PHYSPAGES="0:2147483647"
VMGUARPAGES="32768:2147483647"
OOMGUARPAGES="32768:2147483647"
NUMTCPSOCK="8000"
NUMFLOCK="1000"
NUMPTY="500"
NUMSIGINFO="1000"
TCPSNDBUF="26843136:59611136"
TCPRCVBUF="26843136:59611136"
OTHERSOCKBUF="26843136:59611136"
DGRAMRCVBUF="26843136:59611136"
NUMOTHERSOCK="8000"
DCACHESIZE="9216000"
NUMFILE="24000"
AVNUMPROC="180:180"
NUMIPTENT="1000"
```

Disk quota parameters (in form of softlimit:hardlimit)

```
DISKSPACE="10240000:10240000"
DISKINODES="5120000:5120000"
QUOTATIME="0"
```

CPU fair scheduler parameter

```
CPUUNITS="1000"
VE_ROOT="/vz/root/$VEID"
VE_PRIVATE="/home/vps/720"
OSTEMPLATE="centos-5-x86_64-lamp"
ORIGIN_SAMPLE="basic"
IP_ADDRESS="*****"
QUOTAUGIDLIMIT="10000"
HOSTNAME="test"
NAMESERVER="8.8.8.8 8.8.4.4"
ONBOOT="yes"
CPULIMIT="5"
```

MEMINFO="pages:65536"
CPUS="1"
IOPRIO="7"

When tried to download some test file, speed was more than 10Mb/s (i downloaded accessing VPS via command vzctl enter VMID), any idea on how to limit transfer speed please?

Subject: Re: VPS download speed is higher than allowed
Posted by [Ales](#) on Sun, 09 Mar 2014 11:35:59 GMT
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Quote:i downloaded accessing VPS via command vzctl enter VMID

How did you test uplink traffic speed of the VM by entering the VM itself??

Anyway, traffic limiting is a part of HyperVM, not openvz. You should ask about it on their forums.

Subject: Re: VPS download speed is higher than allowed
Posted by [postcd](#) on Mon, 10 Mar 2014 19:42:32 GMT
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Openvz limiting tools dont include bandwidth limiting of a VM?

Subject: Re: VPS download speed is higher than allowed
Posted by [Paparaciz](#) on Tue, 11 Mar 2014 15:29:01 GMT
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https://wiki.openvz.org/Traffic_shaping_with_tc

https://wiki.openvz.org/Parallels_Cloud_Server :

Main benefits

<..>

Traffic accounting tools.

These tools enable bandwidth management and control for individual containers and provide additional security mechanisms for containers running on the same host.
