
Subject: venet download speed limit from VM itself
Posted by [jack](#) on Sat, 30 Oct 2010 09:37:09 GMT
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Download speed from VM is fine:

```
[otherhost.othernet] wget vm.mynet/testspeed.o
--2010-10-30 15:25:57-- vm.mynet/testspeed.o
Connecting to ##.##.##.##:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 369834552 (353M) [application/x-object]
Saving to: `testspeed.o.2'
```

```
83% [=====> ] 310,615,928 87.7M/s eta 1s
```

But download speed from VM itself is terrible:

```
[vm.mynet] wget otherhost.othernet/testspeed.o
--15:24:14-- otherhost.othernet/testspeed.o
=> `testspeed.o.7'
Resolving otherhost.othernet... ##.##.##.##
Connecting to otherhost.othernet[##.##.##.##]:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 369,834,552 (353M) [text/plain]
```

```
0% [ ] 580,372
13.15K/s ETA 8:44:57
```

Why?

The same VM, seme venet... all the same.
No modifications have been made in sysctl.

Possible reason? Howto explore?...

ps:

Linux version 2.6.32-3-pve (unknown) (root[@]oahu) (gcc version 4.3.2 (Debian 4.3.2-1.1)) #1
SMP Wed Sep 8 11:47:56 CEST 2010

```
[vm.mynet] cat /proc/net/dev
```

Inter- Receive				Transmit											
face	bytes	packets	errs	drop	fifo	frame	compressed	multicast	bytes	packets	errs	drop	fifo		
colls	carrier	compressed													
lo:	744408088	89527	0	0	0	0	0	0	744408088	89527	0	0	0		

```
0
venet0:86946381 208407 0 0 0 0 0 0 1743258118 1233667 0 0 0 0
0 0
```

[vm.mynet] ifconfig

```
lo      Link encap:Local Loopback
        inet addr:127.0.0.1  Mask:255.0.0.0
        inet6 addr: ::1/128 Scope:Host
        UP LOOPBACK RUNNING  MTU:16436  Metric:1
        RX packets:89535 errors:0 dropped:0 overruns:0 frame:0
        TX packets:89535 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:0
        RX bytes:744408714 (709.9 MB)  TX bytes:744408714 (709.9 MB)
```

```
venet0  Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
        inet addr:127.0.0.1  P-t-P:127.0.0.1  Bcast:0.0.0.0  Mask:255.255.255.255
        UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1
        RX packets:209199 errors:0 dropped:0 overruns:0 frame:0
        TX packets:1234388 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:0
        RX bytes:87306786 (83.2 MB)  TX bytes:1743536097 (1.6 GB)
```

```
venet0:0  Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
        inet addr:85.12.197.51  P-t-P:85.12.197.51  Bcast:0.0.0.0  Mask:255.255.255.255
        UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1
```

This is standart venet virtual interface added by standart command like:
vzctl set \$CTID --ipadd <IP> --save

Subject: Re: venet download speed limit from VM itself
Posted by [curx](#) on Sat, 30 Oct 2010 09:44:57 GMT
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Hi,

plz show the bc (=Bean Counter) of this Container, any failcnt logged?

Bye,
Thorsten

Subject: Re: venet download speed limit from VM itself
Posted by [jack](#) on Sat, 30 Oct 2010 09:48:48 GMT
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Hi, curx!

I've start download now, and watch counters in the same time.

Not at all!

Every 2.0s: cat /proc/user_beancounters

Sat Oct 30 15:47:18 2010

Version: 2.5

uid	resource	held	maxheld	barrier	limit	failcnt
7051:	kmemsize	10662917	13540558	9223372036854775807		
9223372036854775807		0				
	lockedpages	0	0	262144	262144	0
	privvmpages	79792	114180	786432	798932	
0						
	shmpages	1579	2235	9223372036854775807		
9223372036854775807		0				
	dummy	0	0	0	0	0
	numproc	71	83	1024	1024	0
	physpages	57525	91393	0	9223372036854775807	
0						
	vmguarpages	0	0	786432	9223372036854775807	
0						
	oomguarpages	57577	91393	786432	9223372036854775807	
0						
	numtcpsock	15	36	9223372036854775807		
9223372036854775807		0				
	numflock	12	23	9223372036854775807		
9223372036854775807		0				
	numpty	2	2	255	255	0
	numsiginfo	0	36	1024	1024	0
	tcpsndbuf	377272	1735544	9223372036854775807		
9223372036854775807		0				
	tcprcvbuf	468120	6741448	9223372036854775807		
9223372036854775807		0				
	othersockbuf	173400	252672	9223372036854775807		
9223372036854775807		0				
	dgramrcvbuf	0	4360	9223372036854775807		
9223372036854775807		0				
	numothersock	184	214	9223372036854775807		
9223372036854775807		0				
	dcachesize	855666	908130	9223372036854775807		
9223372036854775807		0				
	numfile	2371	2889	9223372036854775807		
9223372036854775807		0				
	dummy	0	0	0	0	0
	dummy	0	0	0	0	0
	dummy	0	0	0	0	0

Subject: Re: venet download speed limit from VM itself

Posted by [jack](#) on Sat, 30 Oct 2010 10:13:44 GMT

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Exact the same problem forum.proxmox.com/threads/4923-22K-s-Speed-in-VZ-on-GB-Link

Subject: Re: venet download speed limit from VM itself

Posted by [jack](#) on Sat, 30 Oct 2010 10:28:06 GMT

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Problem was already sold. Close the topic.

""It describes a similar effect, with a comment (#2) describing a workaround:

i.e: `ethtool -K eth0 rx off`""

In my case, also: `ethtool -K eth0 tx off`

Links:

forum.proxmox.com/threads/4923-22K-s-Speed-in-VZ-on-GB-Link?highlight=venet
bugzilla.openvz.org/show_bug.cgi?id=1619
