

---

Subject: connectivity again

Posted by [goeldi](#) on Mon, 24 Jul 2006 14:21:43 GMT

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My problem with pinging ip addresses from inside a vps was resolved successfully here. Now I have added another vps and am getting the same error again, although the prior solutions are added.

I had 3 vps running fine.

I added a 4. vps.

I enter the new vps.

I do ping google.com or ping ip and it doesn't work

I enter the other 3 vps and pinging works

pinging to the new vps from outside works

/etc/resolv.conf is the same as the other 3 working vps

vps.conf is the same as the others, except the ip address

The first 3 vps were created with vps.basic conf. After this I ran `vzsplit -n 10 -f vps.mytest` as told in the manual and applied this new configuration to all 4 vps with the command `/usr/sbin/vzctl set 195 --conf vps.mytest --save`

What did I forget here?

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Subject: Re: connectivity again

Posted by [Vasily Tarasov](#) on Mon, 24 Jul 2006 14:29:08 GMT

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Have you done

`vzctl set <VEID> --nameserver <NAMESERVER IP> --save`

?

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Subject: Re: connectivity again

Posted by [goeldi](#) on Mon, 24 Jul 2006 14:35:28 GMT

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Yes, but it doesn't work. And as I said, /etc/resolv.conf is the same as the other 3 working vps.

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Subject: Re: connectivity again

Posted by [Valmont](#) on Mon, 24 Jul 2006 19:56:05 GMT

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Maybe problem with netmask?

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Subject: Re: connectivity again  
Posted by [goeldi](#) on Wed, 26 Jul 2006 07:17:09 GMT  
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where? in the hardware node? There are already 3 vps working perfect on this hardware node. In the VE? Why should I all of a sudden configure netmask in the VE?

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Subject: Re: connectivity again  
Posted by [Valmont](#) on Wed, 26 Jul 2006 07:33:15 GMT  
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Yes, on hardware node. You don't provide any concrete information, so we can only suppose your problem.

Try to use diagnostic tools, like a tcpdump etc...

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Subject: Re: connectivity again  
Posted by [Vasily Tarasov](#) on Wed, 26 Jul 2006 07:35:31 GMT  
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OK. Let's do more complex expedition in your system. =)  
Post output of the following commands here:

```
ifconfig -a (both in VE, HN)
route -n (both in VE, HN)
iptables -L -vn (both in VE, HN)
```

```
ping google by IP from VE: 64.233.167.99
Does it work?
pinging HW node, other VEs from the VE in question works?
```

If it is possible, you can give me temporary access to your node and I'll try to fix the problem at place.

Thanks.

---

Subject: Re: connectivity again  
Posted by [goeldi](#) on Wed, 26 Jul 2006 07:53:17 GMT  
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```
ifconfig -a (both in VE, HN)
```

```
in VE:
lo      Link encap:Local Loopback
```

inet addr:127.0.0.1 Mask:255.0.0.0  
UP LOOPBACK RUNNING MTU:16436 Metric:1  
RX packets:622 errors:0 dropped:0 overruns:0 frame:0  
TX packets:622 errors:0 dropped:0 overruns:0 carrier:0  
collisions:0 txqueuelen:0  
RX bytes:338098 (330.1 KiB) TX bytes:338098 (330.1 KiB)

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:0 errors:0 dropped:0 overruns:0 frame:0  
TX packets:4 errors:0 dropped:0 overruns:0 carrier:0  
collisions:0 txqueuelen:0  
RX bytes:0 (0.0 b) TX bytes:256 (256.0 b)

venet0:0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00  
inet addr:195.141.1.95 P-t-P:195.141.1.95 Bcast:195.141.1.95 Mask:255.255.255.255  
UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1

in HN:

eth0 Link encap:Ethernet HWaddr 00:0C:F1:94:A7:12  
inet addr:195.141.143.42 Bcast:195.141.143.255 Mask:255.255.255.0  
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1  
RX packets:25585 errors:0 dropped:0 overruns:0 frame:0  
TX packets:27554 errors:0 dropped:0 overruns:0 carrier:0  
collisions:0 txqueuelen:1000  
RX bytes:3287071 (3.1 MiB) TX bytes:5102116 (4.8 MiB)  
Interrupt:20 Base address:0xe000

lo Link encap:Local Loopback  
inet addr:127.0.0.1 Mask:255.0.0.0  
UP LOOPBACK RUNNING MTU:16436 Metric:1  
RX packets:622 errors:0 dropped:0 overruns:0 frame:0  
TX packets:622 errors:0 dropped:0 overruns:0 carrier:0  
collisions:0 txqueuelen:0  
RX bytes:338098 (330.1 KiB) TX bytes:338098 (330.1 KiB)

venet0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00  
UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1  
RX packets:26301 errors:0 dropped:0 overruns:0 frame:0  
TX packets:23305 errors:0 dropped:0 overruns:0 carrier:0  
collisions:0 txqueuelen:0  
RX bytes:4518669 (4.3 MiB) TX bytes:2385399 (2.2 MiB)

route -n (both in VE, HN)

in VE:

Kernel IP routing table

| Destination   | Gateway       | Genmask       | Flags | Metric | Ref | Use | Iface  |
|---------------|---------------|---------------|-------|--------|-----|-----|--------|
| 191.255.255.0 | 0.0.0.0       | 255.255.255.0 | U     | 0      | 0   | 0   | venet0 |
| 169.254.0.0   | 0.0.0.0       | 255.255.0.0   | U     | 0      | 0   | 0   | venet0 |
| 0.0.0.0       | 191.255.255.1 | 0.0.0.0       | UG    | 0      | 0   | 0   | venet0 |

in HN:

Kernel IP routing table

| Destination   | Gateway       | Genmask         | Flags | Metric | Ref | Use | Iface  |
|---------------|---------------|-----------------|-------|--------|-----|-----|--------|
| 195.141.1.94  | 0.0.0.0       | 255.255.255.255 | UH    | 0      | 0   | 0   | venet0 |
| 195.141.1.95  | 0.0.0.0       | 255.255.255.255 | UH    | 0      | 0   | 0   | venet0 |
| 195.141.1.92  | 0.0.0.0       | 255.255.255.255 | UH    | 0      | 0   | 0   | venet0 |
| 195.141.1.93  | 0.0.0.0       | 255.255.255.255 | UH    | 0      | 0   | 0   | venet0 |
| 195.141.143.0 | 0.0.0.0       | 255.255.255.0   | U     | 0      | 0   | 0   | eth0   |
| 169.254.0.0   | 0.0.0.0       | 255.255.0.0     | U     | 0      | 0   | 0   | eth0   |
| 0.0.0.0       | 195.141.143.1 | 0.0.0.0         | UG    | 0      | 0   | 0   | eth0   |

iptables -L -vn (both in VE, HN)

in VE:

Chain INPUT (policy ACCEPT 0 packets, 0 bytes)

| pkts | bytes | target              | prot | opt | in | out | source    | destination |
|------|-------|---------------------|------|-----|----|-----|-----------|-------------|
| 0    | 0     | RH-Firewall-1-INPUT | all  | --  | *  | *   | 0.0.0.0/0 | 0.0.0.0/0   |

Chain FORWARD (policy ACCEPT 0 packets, 0 bytes)

| pkts | bytes | target              | prot | opt | in | out | source    | destination |
|------|-------|---------------------|------|-----|----|-----|-----------|-------------|
| 0    | 0     | RH-Firewall-1-INPUT | all  | --  | *  | *   | 0.0.0.0/0 | 0.0.0.0/0   |

Chain OUTPUT (policy ACCEPT 4 packets, 288 bytes)

| pkts | bytes | target | prot | opt | in | out | source | destination |
|------|-------|--------|------|-----|----|-----|--------|-------------|
|------|-------|--------|------|-----|----|-----|--------|-------------|

Chain RH-Firewall-1-INPUT (2 references)

| pkts                | bytes | target | prot | opt | in | out | source    | destination                    |
|---------------------|-------|--------|------|-----|----|-----|-----------|--------------------------------|
| 0                   | 0     | ACCEPT | all  | --  | lo | *   | 0.0.0.0/0 | 0.0.0.0/0                      |
| 0                   | 0     | ACCEPT | icmp | --  | *  | *   | 0.0.0.0/0 | 0.0.0.0/0 icmp type 255        |
| 0                   | 0     | ACCEPT | esp  | --  | *  | *   | 0.0.0.0/0 | 0.0.0.0/0                      |
| 0                   | 0     | ACCEPT | ah   | --  | *  | *   | 0.0.0.0/0 | 0.0.0.0/0                      |
| 0                   | 0     | ACCEPT | udp  | --  | *  | *   | 0.0.0.0/0 | 224.0.0.251 udp dpt:5353       |
| 0                   | 0     | ACCEPT | udp  | --  | *  | *   | 0.0.0.0/0 | 0.0.0.0/0 udp dpt:631          |
| 0                   | 0     | ACCEPT | all  | --  | *  | *   | 0.0.0.0/0 | 0.0.0.0/0 state                |
| RELATED,ESTABLISHED |       |        |      |     |    |     |           |                                |
| 0                   | 0     | ACCEPT | tcp  | --  | *  | *   | 0.0.0.0/0 | 0.0.0.0/0 state NEW tcp dpt:22 |
| 0                   | 0     | ACCEPT | tcp  | --  | *  | *   | 0.0.0.0/0 | 0.0.0.0/0 state NEW tcp dpt:80 |

```

0 0 ACCEPT tcp -- * * 0.0.0.0/0 0.0.0.0/0 state NEW tcp dpt:443
0 0 REJECT all -- * * 0.0.0.0/0 0.0.0.0/0 reject-with
icmp-host-prohibited

```

in HN:

```

Chain INPUT (policy ACCEPT 0 packets, 0 bytes)
pkts bytes target prot opt in out source destination
1929 532K RH-Firewall-1-INPUT all -- * * 0.0.0.0/0 0.0.0.0/0

```

```

Chain FORWARD (policy ACCEPT 50840 packets, 7054K bytes)
pkts bytes target prot opt in out source destination

```

```

Chain OUTPUT (policy ACCEPT 1291 packets, 208K bytes)
pkts bytes target prot opt in out source destination

```

```

Chain RH-Firewall-1-INPUT (1 references)
pkts bytes target prot opt in out source destination
2 100 ACCEPT all -- lo * 0.0.0.0/0 0.0.0.0/0
47 3948 ACCEPT icmp -- * * 0.0.0.0/0 0.0.0.0/0 icmp type 255
0 0 ACCEPT esp -- * * 0.0.0.0/0 0.0.0.0/0
0 0 ACCEPT ah -- * * 0.0.0.0/0 0.0.0.0/0
0 0 ACCEPT udp -- * * 0.0.0.0/0 224.0.0.251 udp dpt:5353
0 0 ACCEPT udp -- * * 0.0.0.0/0 0.0.0.0/0 udp dpt:631
1839 514K ACCEPT all -- * * 0.0.0.0/0 0.0.0.0/0 state
RELATED,ESTABLISHED
0 0 ACCEPT tcp -- * * 212.98.47.70 0.0.0.0/0 state NEW tcp dpt:19150
0 0 ACCEPT tcp -- * * 212.98.47.70 0.0.0.0/0 state NEW tcp dpt:10000
1 60 ACCEPT tcp -- * * 0.0.0.0/0 0.0.0.0/0 state NEW tcp dpt:22
40 13196 REJECT all -- * * 0.0.0.0/0 0.0.0.0/0 reject-with
icmp-host-prohibited

```

ping google by IP from VE: 64.233.167.99  
Does it work?

no

pinging HW node, other VEs from the VE in question works?

both yes.

If it is possible, you can give me temporary access to your node and I'll try to fix the problem at place.

Unfortunately this is not possible because of the contracts.

Subject: Re: connectivity again  
Posted by [Vasily Tarasov](#) on Wed, 26 Jul 2006 08:15:41 GMT  
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I suspect iptables a little.  
Please, turn iptables off on HN and in VE for a moment.  
Does it help?

Thanks!

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Subject: Re: connectivity again  
Posted by [goeldi](#) on Wed, 26 Jul 2006 09:32:07 GMT  
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I stopped them in both, no difference.

I for one suspect something different:

Some weeks ago I created 3 vps on this hn, doing a  
vzsplit -n 4 -f sample

Now I added a fourth vps and did a  
vzsplit -n 10 -f newsample

then I did  
vzctl set VEID --config newsample --save

with VEID being all 4 vps.

I suspect the resources. I paste all vps.conf here (195.conf being the problematic ve):

```
----- 192.conf -----  
ONBOOT="yes"  
  
# UBC parameters (in form of barrier:limit)  
# Primary parameters  
AVNUMPROC="206:206"  
NUMPROC="800:800"  
NUMTCPSTOCK="800:800"  
NUMOTHERSTOCK="800:800"  
VMGUARSTOCK="310624:2147483647"  
  
# Secondary parameters  
KMEMSTOCK="16947363:18642099"  
TCPSTOCK="2372321:5649121"  
TCPSTOCK="2372321:5649121"  
OTHERSTOCK="1186160:4462960"
```

```
DGRAMRCVBUF="1186160:1186160"
OOMGUARPAGES="310624:2147483647"
# Auxiliary parameters
LOCKEDPAGES="827:827"
SHMPAGES="31062:31062"
PRIVVMPAGES="310624:341686"
NUMFILE="6592:6592"
NUMFLOCK="659:724"
NUMPTY="80:80"
NUMSIGINFO="1024:1024"
DCACHESIZE="3686400:3796992"

PHYSPAGES="0:2147483647"
NUMIPTENT="200:200"

# Disk quota parameters (in form of softlimit:hardlimit)
DISKSPACE="1047990:1252800"
DISKINODES="80000:88000"
QUOTATIME="0"

# CPU fair sheduler parameter
CPUUNITS="13440"
IP_ADDRESS="195.141.1.92"
HOSTNAME="spatz.goeldi.net"
VE_ROOT="/vz/root/$VEID"
VE_PRIVATE="/home/$VEID"
#VE_PRIVATE="/vz/private/$VEID"
OSTEMPLATE="centos-4-i386-default"
ORIGIN_SAMPLE="vps.mytest"
NAMESERVER="195.141.56.5 193.192.227.3"
IPTABLES="iptables_filter iptable_mangle ipt_limit ipt_multiport ipt_tos ipt_TOS ipt_REJECT
ipt_TCPMSS ipt_tcpmss ipt_ttl ipt_LOG ipt_length ip_conntrack ip_conntrack_ftp ip_conntrack_irc
ipt_conntrack ipt_state ipt_helper iptable_nat ip_nat_ftp ip_nat_irc ipt_REDIRECT"
----- end of 192.conf -----

----- 193.conf -----
ONBOOT="yes"

# UBC parameters (in form of barrier:limit)
# Primary parameters
AVNUMPROC="206:206"
NUMPROC="800:800"
NUMTCP SOCK="800:800"
NUMOTHERSOCK="800:800"
VMGUARPAGES="310624:2147483647"

# Secondary parameters
KMEMSIZE="16947363:18642099"
```

```
TCPSNDBUF="2372321:5649121"
TCPRCVBUF="2372321:5649121"
OTHERSOCKBUF="1186160:4462960"
DGRAMRCVBUF="1186160:1186160"
OOMGUARPAGES="310624:2147483647"
PRIVVMPAGES="310624:341686"
```

```
# Auxiliary parameters
```

```
LOCKEDPAGES="827:827"
SHMPAGES="31062:31062"
PHYSPAGES="0:2147483647"
NUMFILE="6592:6592"
NUMFLOCK="659:724"
NUMPTY="80:80"
NUMSIGINFO="1024:1024"
DCACHESIZE="3686400:3796992"
NUMIPTENT="200:200"
DISKSPACE="1047990:1252800"
DISKINODES="80000:88000"
CPUUNITS="13440"
```

```
IP_ADDRESS="195.141.1.93"
HOSTNAME="blabla.goeldi.net"
VE_ROOT="/vz/root/$VEID"
VE_PRIVATE="/home/$VEID"
#VE_PRIVATE="/vz/private/$VEID"
OSTEMPLATE="centos-4-i386-default"
ORIGIN_SAMPLE="vps.basic"
NAMESERVER="195.141.56.5"
IPTABLES=iptables_filter iptables_mangle ipt_limit ipt_multiport ipt_tos ipt_TOS ipt_REJECT
iptables_tcpmss ipt_tcpmss ipt_ttl ipt_LOG ipt_length ip_conntrack ip_conntrack_ftp ip_conntrack_irc
iptables_state ipt_helper iptables_nat ip_nat_ftp ip_nat_irc ipt_REDIRECT
----- end of 193.conf -----
```

```
----- 194.conf -----
```

```
ONBOOT="yes"
```

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

```
# Primary parameters
```

```
NUMPROC="800:800"
AVNUMPROC="206:206"
NUMTCP SOCK="800:800"
NUMOTHERSOCK="800:800"
VMGUARPAGES="310624:2147483647"
```

```
# Secondary parameters
```

```
KMEMSIZE="16947363:18642099"
TCPSNDBUF="2372321:5649121"
```



```
TCPRCVBUF="2372321:5649121"
OTHERSOCKBUF="1186160:4462960"
DGRAMRCVBUF="1186160:1186160"
OOMGUARPAGES="310624:2147483647"
PRIVVMPAGES="310624:341686"
```

```
# Auxiliary parameters
```

```
LOCKEDPAGES="827:827"
SHMPAGES="31062:31062"
PHYSPAGES="0:2147483647"
NUMFILE="6592:6592"
NUMFLOCK="659:724"
NUMPTY="80:80"
NUMSIGINFO="1024:1024"
DCACHESIZE="3686400:3796992"
NUMIPTENT="200:200"
DISKSPACE="1047990:1252800"
DISKINODES="80000:88000"
CPUUNITS="13440"
```

```
# CPU fair sheduler parameter
```

```
IP_ADDRESS="195.141.1.94"
HOSTNAME="perse.goeldi.net"
VE_ROOT="/vz/root/$VEID"
#VE_PRIVATE="/vz/private/$VEID"
VE_PRIVATE="/home/$VEID"
OSTEMPLATE="centos-4-i386-default"
ORIGIN_SAMPLE="vps.basic"
NAMESERVER="195.141.56.5 193.192.227.3"
IPTABLES=iptables_filter iptables_mangle ipt_limit ipt_multiport ipt_tos ipt_TOS ipt_REJECT
iptables_tcpmss ipt_tcpmss ipt_ttl ipt_LOG ipt_length ip_conntrack ip_conntrack_ftp ip_conntrack_irc
iptables_state ipt_helper iptables_nat ip_nat_ftp ip_nat_irc ipt_REDIRECT
----- end of 194.conf -----
```

```
-- 195.conf -----
```

```
---ONBOOT="yes"
```

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

```
# Primary parameters
```

```
NUMPROC="800:800"
AVNUMPROC="206:206"
NUMTCP SOCK="800:800"
NUMOTHERSOCK="800:800"
VMGUARPAGES="310624:2147483647"
```

```
# Secondary parameters
```

```
KMEMSIZE="16947363:18642099"
```

```
TCPSNDBUF="2372321:5649121"
TCPRCVBUF="2372321:5649121"
OTHERSOCKBUF="1186160:4462960"
DGRAMRCVBUF="1186160:1186160"
OOMGUARPAGES="310624:2147483647"
PRIVVMPAGES="310624:341686"
```

# Auxiliary parameters

```
LOCKEDPAGES="827:827"
SHMPAGES="31062:31062"
PHYSPAGES="0:2147483647"
NUMFILE="6592:6592"
NUMFLOCK="659:724"
NUMPTY="80:80"
NUMSIGINFO="1024:1024"
DCACHESIZE="3686400:3796992"
NUMIPTENT="200:200"
DISKSPACE="1047990:1252800"
DISKINODES="80000:88000"
CPUUNITS="13440"
```

```
IP_ADDRESS="195.141.1.95"
HOSTNAME="backup.goeldi.net"
VE_ROOT="/vz/root/$VEID"
VE_PRIVATE="/home/$VEID"
OSTEMPLATE="centos-4-i386-default"
ORIGIN_SAMPLE="vps.mytest"
NAMESERVER="195.141.56.5"
IPTABLES="iptables_filter iptable_mangle ipt_limit ipt_multiport ipt_tos ipt_TOS ipt_REJECT
ipt_TCPMSS ipt_tcpmss ipt_ttl ipt_LOG ipt_length ip_conntrack ip_conntrack_ftp ip_conntrack_irc
ip_conntrack ipt_state ipt_helper iptable_nat ip_nat_ftp ip_nat_irc ipt_REDIRECT"
----- end of 195.conf -----
```

----- vz.conf -----

## Global parameters

```
VIRTUOZZO=yes
LOCKDIR=/vz/lock
DUMPPDIR=/vz/dump
VE0CPUUNITS=1000
```

## Logging parameters

```
LOGGING=yes
LOGFILE=/var/log/vzctl.log
LOG_LEVEL=0
```

## Disk quota parameters

```
DISK_QUOTA=no
VZFASTBOOT=no
```

```
# The name of the device whose ip address will be used as source ip for VE.
# By default automatically assigned.
#VE_ROUTE_SRC_DEV="eth0"
```

```
## Template parameters
TEMPLATE=/vz/template
```

```
## Defaults for VEs
VE_ROOT=/vz/root/$VEID
#VE_PRIVATE=/vz/private/$VEID
VE_PRIVATE=/home/$VEID
CONFIGFILE="vps.10stueck"
DEF_OSTEMPLATE="fedora-core-4"
```

```
## Load vzwdog module
VZWDOG="no"
```

```
IPTABLES="ipt_REJECT ipt_tos ipt_limit ipt_multiport iptable_filter iptable_mangle ipt_TCPMSS
ipt_tcpmss ipt_ttl ipt_length"
----- end of vz.conf -----
```

```
----- /etc/rc.d/rc.local -----
```

```
/sbin/modprobe iptable_filter iptable_mangle ipt_limit ipt_multiport ipt_tos ipt_TOS ipt_REJECT
ipt_TCPMSS ipt_tcpmss ipt_ttl ipt_LOG ipt_length ip_conntrack ip_conntrack_ftp ip_conntrack_irc
ip_conntrack ipt_state ipt_helper iptable_nat ip_nat_ftp ip_nat_irc ipt_REDIRECT
----- end of rc.local -----
```

---

Subject: Re: connectivity again  
Posted by [aistis](#) on Wed, 26 Jul 2006 10:46:44 GMT  
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do you see any failed counters? # cat /proc\_userbeancounters inside VE

---

Subject: Re: connectivity again  
Posted by [Vasily Tarasov](#) on Wed, 26 Jul 2006 10:47:38 GMT  
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Hmmm.... may be there is not enough resources....  
Can you post /proc/user\_beancounters of this VE here, please?

Subject: Re: connectivity again

Posted by [goeldi](#) on Wed, 26 Jul 2006 11:06:38 GMT

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cat /proc/user\_beancounters

Version: 2.5

| uid  | resource     | held    | maxheld | barrier    | limit      | failcnt |
|------|--------------|---------|---------|------------|------------|---------|
| 0:   | kmemsize     | 3269018 | 3715301 | 2147483647 | 2147483647 | 0       |
|      | lockedpages  | 0       | 0       | 2147483647 | 2147483647 | 0       |
|      | privvmpages  | 9409    | 10585   | 2147483647 | 2147483647 | 0       |
|      | shmpages     | 676     | 692     | 2147483647 | 2147483647 | 0       |
|      | dummy        | 0       | 0       | 2147483647 | 2147483647 | 0       |
|      | numproc      | 64      | 74      | 2147483647 | 2147483647 | 0       |
|      | physpages    | 5383    | 6062    | 2147483647 | 2147483647 | 0       |
|      | vmguarpages  | 0       | 0       | 2147483647 | 2147483647 | 0       |
|      | oomguarpages | 5383    | 6062    | 2147483647 | 2147483647 | 0       |
|      | numtcpsock   | 5       | 5       | 2147483647 | 2147483647 | 0       |
|      | numflock     | 1       | 2       | 2147483647 | 2147483647 | 0       |
|      | numpty       | 1       | 1       | 2147483647 | 2147483647 | 0       |
|      | numsiginfo   | 0       | 3       | 2147483647 | 2147483647 | 0       |
|      | tcpsndbuf    | 8912    | 13368   | 2147483647 | 2147483647 | 0       |
|      | tcprcvbuf    | 0       | 2228    | 2147483647 | 2147483647 | 0       |
|      | othersockbuf | 28528   | 55264   | 2147483647 | 2147483647 | 0       |
|      | dgramrcvbuf  | 0       | 2228    | 2147483647 | 2147483647 | 0       |
|      | numothersock | 23      | 27      | 2147483647 | 2147483647 | 0       |
|      | dcachesize   | 1377400 | 1394440 | 2147483647 | 2147483647 | 0       |
|      | numfile      | 346     | 419     | 2147483647 | 2147483647 | 0       |
|      | dummy        | 0       | 0       | 2147483647 | 2147483647 | 0       |
|      | dummy        | 0       | 0       | 2147483647 | 2147483647 | 0       |
|      | dummy        | 0       | 0       | 2147483647 | 2147483647 | 0       |
|      | numiptent    | 28      | 28      | 2147483647 | 2147483647 | 0       |
| 192: | kmemsize     | 1346281 | 1655281 | 16947363   | 18642099   | 0       |
|      | lockedpages  | 0       | 0       | 827        | 827        | 0       |
|      | privvmpages  | 32634   | 34439   | 310624     | 341686     | 0       |
|      | shmpages     | 39      | 711     | 31062      | 31062      | 0       |
|      | dummy        | 0       | 0       | 0          | 0          | 0       |
|      | numproc      | 21      | 27      | 800        | 800        | 0       |
|      | physpages    | 22408   | 22995   | 0          | 2147483647 | 0       |
|      | vmguarpages  | 0       | 0       | 310624     | 2147483647 | 0       |
|      | oomguarpages | 22408   | 22995   | 310624     | 2147483647 | 0       |
|      | numtcpsock   | 4       | 20      | 800        | 800        | 0       |
|      | numflock     | 3       | 3       | 659        | 724        | 0       |
|      | numpty       | 0       | 1       | 80         | 80         | 0       |
|      | numsiginfo   | 0       | 2       | 1024       | 1024       | 0       |
|      | tcpsndbuf    | 0       | 155960  | 2372321    | 5649121    | 0       |
|      | tcprcvbuf    | 0       | 16564   | 2372321    | 5649121    | 0       |
|      | othersockbuf | 8476    | 13320   | 1186160    | 4462960    | 0       |
|      | dgramrcvbuf  | 0       | 8372    | 1186160    | 1186160    | 0       |
|      | numothersock | 6       | 12      | 800        | 800        | 0       |

|               |         |         |          |            |   |
|---------------|---------|---------|----------|------------|---|
| dcachesize    | 162448  | 184032  | 3686400  | 3796992    | 0 |
| numfile       | 299     | 376     | 6592     | 6592       | 0 |
| dummy         | 0       | 0       | 0        | 0          | 0 |
| dummy         | 0       | 0       | 0        | 0          | 0 |
| dummy         | 0       | 0       | 0        | 0          | 0 |
| numiptent     | 31      | 31      | 200      | 200        | 0 |
| 193: kmemsize | 1904782 | 2215731 | 16947363 | 18642099   | 0 |
| lockedpages   | 0       | 0       | 827      | 827        | 0 |
| privvmpages   | 39459   | 41219   | 310624   | 341686     | 0 |
| shmpages      | 91      | 763     | 31062    | 31062      | 0 |
| dummy         | 0       | 0       | 0        | 0          | 0 |
| numproc       | 46      | 53      | 800      | 800        | 0 |
| physpages     | 6821    | 7274    | 0        | 2147483647 | 0 |
| vmguarpages   | 0       | 0       | 310624   | 2147483647 | 0 |
| oomguarpages  | 6821    | 7274    | 310624   | 2147483647 | 0 |
| numtcpsock    | 12      | 14      | 800      | 800        | 0 |
| numflock      | 9       | 9       | 659      | 724        | 0 |
| numpty        | 0       | 0       | 80       | 80         | 0 |
| numsiginfo    | 0       | 2       | 1024     | 1024       | 0 |
| tcpsndbuf     | 0       | 8912    | 2372321  | 5649121    | 0 |
| tcprcvbuf     | 0       | 2228    | 2372321  | 5649121    | 0 |
| othersockbuf  | 6684    | 11528   | 1186160  | 4462960    | 0 |
| dgramrcvbuf   | 0       | 692     | 1186160  | 1186160    | 0 |
| numothersock  | 10      | 16      | 800      | 800        | 0 |
| dcachesize    | 109056  | 127800  | 3686400  | 3796992    | 0 |
| numfile       | 349     | 424     | 6592     | 6592       | 0 |
| dummy         | 0       | 0       | 0        | 0          | 0 |
| dummy         | 0       | 0       | 0        | 0          | 0 |
| dummy         | 0       | 0       | 0        | 0          | 0 |
| numiptent     | 48      | 48      | 200      | 200        | 0 |
| 194: kmemsize | 1341311 | 1603174 | 16947363 | 18642099   | 0 |
| lockedpages   | 0       | 0       | 827      | 827        | 0 |
| privvmpages   | 29346   | 29959   | 310624   | 341686     | 0 |
| shmpages      | 39      | 711     | 31062    | 31062      | 0 |
| dummy         | 0       | 0       | 0        | 0          | 0 |
| numproc       | 24      | 26      | 800      | 800        | 0 |
| physpages     | 14790   | 15006   | 0        | 2147483647 | 0 |
| vmguarpages   | 0       | 0       | 310624   | 2147483647 | 0 |
| oomguarpages  | 14790   | 15006   | 310624   | 2147483647 | 0 |
| numtcpsock    | 4       | 19      | 800      | 800        | 0 |
| numflock      | 4       | 4       | 659      | 724        | 0 |
| numpty        | 0       | 0       | 80       | 80         | 0 |
| numsiginfo    | 0       | 2       | 1024     | 1024       | 0 |
| tcpsndbuf     | 0       | 157828  | 2372321  | 5649121    | 0 |
| tcprcvbuf     | 0       | 131792  | 2372321  | 5649121    | 0 |
| othersockbuf  | 4456    | 12400   | 1186160  | 4462960    | 0 |
| dgramrcvbuf   | 0       | 8372    | 1186160  | 1186160    | 0 |
| numothersock  | 6       | 13      | 800      | 800        | 0 |

|               |        |        |          |            |   |
|---------------|--------|--------|----------|------------|---|
| dcachesize    | 131776 | 149384 | 3686400  | 3796992    | 0 |
| numfile       | 303    | 368    | 6592     | 6592       | 0 |
| dummy         | 0      | 0      | 0        | 0          | 0 |
| dummy         | 0      | 0      | 0        | 0          | 0 |
| dummy         | 0      | 0      | 0        | 0          | 0 |
| numiptent     | 28     | 28     | 200      | 200        | 0 |
| 195: kmemsize | 436347 | 779388 | 16947363 | 18642099   | 0 |
| lockedpages   | 0      | 0      | 827      | 827        | 0 |
| privvmpages   | 1034   | 1978   | 310624   | 341686     | 0 |
| shmpages      | 0      | 0      | 31062    | 31062      | 0 |
| dummy         | 0      | 0      | 0        | 0          | 0 |
| numproc       | 5      | 14     | 800      | 800        | 0 |
| physpages     | 679    | 1291   | 0        | 2147483647 | 0 |
| vmguarpages   | 0      | 0      | 310624   | 2147483647 | 0 |
| oomguarpages  | 679    | 1291   | 310624   | 2147483647 | 0 |
| numtcpsock    | 1      | 1      | 800      | 800        | 0 |
| numflock      | 1      | 2      | 659      | 724        | 0 |
| numpty        | 0      | 1      | 80       | 80         | 0 |
| numsiginfo    | 0      | 2      | 1024     | 1024       | 0 |
| tcpsndbuf     | 0      | 0      | 2372321  | 5649121    | 0 |
| tcprcvbuf     | 0      | 0      | 2372321  | 5649121    | 0 |
| othersockbuf  | 2228   | 4456   | 1186160  | 4462960    | 0 |
| dgramrcvbuf   | 0      | 692    | 1186160  | 1186160    | 0 |
| numothersock  | 3      | 7      | 800      | 800        | 0 |
| dcachesize    | 32376  | 47144  | 3686400  | 3796992    | 0 |
| numfile       | 62     | 122    | 6592     | 6592       | 0 |
| dummy         | 0      | 0      | 0        | 0          | 0 |
| dummy         | 0      | 0      | 0        | 0          | 0 |
| dummy         | 0      | 0      | 0        | 0          | 0 |
| numiptent     | 29     | 30     | 200      | 200        | 0 |

Moderator update: changed to use CODE tags for readable formatting

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Subject: Re: connectivity again

Posted by [goeldi](#) on Wed, 26 Jul 2006 11:07:40 GMT

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cat /proc/user\_beancounters

Version: 2.5

| uid resource  | held   | maxheld | barrier  | limit    | failcnt |
|---------------|--------|---------|----------|----------|---------|
| 195: kmemsize | 564723 | 779388  | 16947363 | 18642099 | 0       |
| lockedpages   | 0      | 0       | 827      | 827      | 0       |
| privvmpages   | 1408   | 1978    | 310624   | 341686   | 0       |
| shmpages      | 0      | 0       | 31062    | 31062    | 0       |
| dummy         | 0      | 0       | 0        | 0        | 0       |

|              |       |       |         |            |   |  |
|--------------|-------|-------|---------|------------|---|--|
| numproc      | 8     | 14    | 800     | 800        | 0 |  |
| physpages    | 977   | 1291  | 0       | 2147483647 | 0 |  |
| vmguarpages  | 0     | 0     | 310624  | 2147483647 | 0 |  |
| oomguarpages | 977   | 1291  | 310624  | 2147483647 | 0 |  |
| numtcpsock   | 1     | 1     | 800     | 800        | 0 |  |
| numflock     | 1     | 2     | 659     | 724        | 0 |  |
| numpty       | 1     | 1     | 80      | 80         | 0 |  |
| numsiginfo   | 0     | 2     | 1024    | 1024       | 0 |  |
| tcpsndbuf    | 0     | 0     | 2372321 | 5649121    | 0 |  |
| tcpvbuf      | 0     | 0     | 2372321 | 5649121    | 0 |  |
| othersockbuf | 2228  | 4456  | 1186160 | 4462960    | 0 |  |
| dgramrcvbuf  | 0     | 692   | 1186160 | 1186160    | 0 |  |
| numothersock | 3     | 7     | 800     | 800        | 0 |  |
| dcachesize   | 36352 | 47144 | 3686400 | 3796992    | 0 |  |
| numfile      | 76    | 122   | 6592    | 6592       | 0 |  |
| dummy        | 0     | 0     | 0       | 0          | 0 |  |
| dummy        | 0     | 0     | 0       | 0          | 0 |  |
| dummy        | 0     | 0     | 0       | 0          | 0 |  |
| numiptent    | 29    | 30    | 200     | 200        | 0 |  |

Moderator update: use CODE tags for readable formatting

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Subject: SOLVED: connectivity again  
 Posted by [goeldi](#) on Thu, 27 Jul 2006 07:24:24 GMT  
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I destroyed and created this vps again, and it works now.

This was a user error: I entered the wrong command

```
vzctl set --config vps.mytest 195 --save
```

instead of the correct one

```
vzctl set --applyconfig vps.mytest 195 --save
```

So the problem was the missing word "apply"

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Subject: NOT solved :-(  
 Posted by [goeldi](#) on Thu, 27 Jul 2006 10:50:57 GMT  
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Don't know why I thought that it works.

This is a transcript of what I did:

```
/usr/sbin/vzctl create 195 --ostemplate centos-4-i386-default --config vps.10stueck --private /home/195 --root /vz/root/195 --ipadd 195.141.1.95 --hostname backup.goeldi.net
```

```
Creating VPS private area: /home/195
Performing postcreate actions
VPS private area was created
```

```
/usr/sbin/vzctl set 195 --nameserver 195.141.56.5 --save
File resolv.conf was modified
Saved parameters for VPS 195
```

```
/usr/sbin/vzctl start 195
Starting VPS ...
VPS is mounted
Adding IP address(es): 195.141.1.95
arpnd: 195.141.1.95 is detected on another computer : 00:00:0c:07:ac:01
vps-net_add WARNING: arpnd -c 1 -w 1 -D -e 195.141.1.95 eth0 FAILED
Setting CPU units: 13440
Set hostname: backup.goeldi.net
VPS start in progress...
```

I now can enter the ve now with vzctl enter 195 but pinging anything other than the HN or the other VE doesn't work. Domain names don't resolve. Pinging this VE from the HN works. From another HN doesn't. IPTables is NOT started on the VE. It is started on the HN and works for the other 3 VE. The other 3 VE have running IPTables.

I even went so far that I copied the working configuration file of the first VE to the other 3 (192.conf to 193.conf, 194.conf and 195.conf) and edited the ip address and hostnames. The other 3 work, the fourth doesn't although there is no difference except the fact, that IPTables is not running.

So now all 4 VEs have the same configuration file:

```
ONBOOT="yes"

# UBC parameters (in form of barrier:limit)
# Primary parameters
AVNUMPROC="206:206"
NUMPROC="800:800"
NUMTCPSOCK="800:800"
NUMOTHERSOCK="800:800"
VMGUARPAGES="310636:2147483647"
```



```
# Secondary parameters
KMEMSIZE="16949002:18643902"
TCPSNDBUF="2372867:5649667"
TCPRCVBUF="2372867:5649667"
OTHERSOCKBUF="1186433:4463233"
DGRAMRCVBUF="1186433:1186433"
OOMGUARPAGES="310636:2147483647"
# Auxiliary parameters
LOCKEDPAGES="827:827"
SHMPAGES="31063:31063"
PRIVVMPAGES="310636:341699"
NUMFILE="6592:6592"
NUMFLOCK="659:724"
NUMPTY="80:80"
NUMSIGINFO="1024:1024"
DCACHESIZE="3686400:3796992"

PHYSPAGES="0:2147483647"
NUMIPTENT="200:200"

# Disk quota parameters (in form of softlimit:hardlimit)
DISKSPACE="204799:225280"
DISKINODES="80000:88000"
QUOTATIME="0"

# CPU fair sheduler parameter
CPUUNITS="13440"
IP_ADDRESS="195.141.1.92" #this line is different in the other VEs of course
HOSTNAME="spatz.goeldi.net"
VE_ROOT="/vz/root/$VEID"
VE_PRIVATE="/home/$VEID"
#VE_PRIVATE="/vz/private/$VEID"
OSTEMPLATE="centos-4-i386-default"
ORIGIN_SAMPLE="vps.10stueck"
NAMESERVER="195.141.56.5 193.192.227.3"
IPTABLES="iptables_filter iptable_mangle ipt_limit ipt_multiport ipt_tos ipt_TOS ipt_REJECT
ipt_TCPMSS ipt_tcpmss ipt_ttl ipt_LOG ipt_length ip_contrack ip_contrack_ftp ip_contrack_irc
ipt_contrack
ipt_state ipt_helper iptable_nat ip_nat_ftp ip_nat_irc ipt_REDIRECT"
```

---

Subject: Re: NOT solved :-(  
Posted by [Vasily Tarasov](#) on Thu, 27 Jul 2006 11:03:47 GMT  
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You can see this in your transcript:

Quote:Adding IP address(es): 195.141.1.95  
arp send: 195.141.1.95 is detected on another computer : 00:00:0c:07:ac:01  
vps-net\_add WARNING: arp send -c 1 -w 1 -D -e 195.141.1.95 eth0 FAILED  
So, please, use other IP addresses at least!

---

---

Subject: Re: NOT solved :-(  
Posted by [goeldi](#) on Thu, 27 Jul 2006 11:08:55 GMT  
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Every one of my VEs tell me this error message. This ip address is NOT in use by any other machine.

All other VEs tell me that. I don't think, that this error message is correct. Why do the other ones work?

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Subject: Re: NOT solved :-(  
Posted by [Vasily Tarasov](#) on Thu, 27 Jul 2006 11:18:39 GMT  
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Please, do the following experiment. Set to VE, in which you have problem with network, IP address of VE that works good with network. Before it, of course switch the last one off. Can you ping now?

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Subject: Re: connectivity again  
Posted by [aistis](#) on Thu, 27 Jul 2006 15:17:55 GMT  
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<http://forum.openvz.org/index.php?t=msg&th=810&start=0>

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Subject: Re: NOT solved :-(  
Posted by [goeldi](#) on Thu, 27 Jul 2006 16:22:32 GMT  
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---

```
/usr/sbin/vzctl set 195 --save --ipadd 195.141.1.93
Adding IP address(es): 195.141.1.93
arp send: 195.141.1.93 is detected on another computer : 00:00:0c:07:ac:01
vps-net_add WARNING: arp send -c 1 -w 1 -D -e 195.141.1.93 eth0 FAILED
Saved parameters for VPS 195
```

Yes, as you can see I get the same error message. After this I made a restart of the ve and then it worked with the other ip address.

---