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Subject: Debian VE networking no longer works?

Posted by [mike503](#) on Fri, 07 Jul 2006 20:39:14 GMT

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As far as I can tell, I haven't changed any configuration settings on the host or the VE.

Host: CentOS 4.3

VE: debian-3.1-x86\_64-minimal

Boots up fine

```
[root@mike network]# route -n
```

Kernel IP routing table

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
191.255.255.1	0.0.0.0	255.255.255.255	UH	0	0	0	venet0
0.0.0.0	191.255.255.1	0.0.0.0	UG	0	0	0	venet0

```
[root@mike network]# ifconfig
```

No usable address families found.

socket: No such file or directory

```
[root@mike network]#
```

```
[root@mike network]# nslookup yahoo.com
```

nslookup: isc\_socket\_create: not enough free resources

```
[root@mike network]# ping 127.0.0.1
```

socket: No buffer space available

But I am getting all these errors. The odd thing is I can ssh inbound from a remote host. But once I'm on there it's basically useless... any help is appreciated.

I haven't modified the /etc/network/interfaces file, either.

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Subject: Re: Debian VE networking no longer works?

Posted by [curx](#) on Fri, 07 Jul 2006 22:09:50 GMT

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Hi,

[...]

```
[root@mike network]# nslookup yahoo.com
```

nslookup: isc\_socket\_create: not enough free resources

```
[root@mike network]# ping 127.0.0.1
```

socket: No buffer space available

But I am getting all these errors. The odd thing is I can ssh inbound from a remote host. But once I'm on there it's basically useless... any help is appreciated.

I haven't modified the /etc/network/interfaces file, either.

Have you checked the user\_beancounters of the ve?  
Some failures listed?

Regards,  
Thorsten

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Subject: Re: Debian VE networking no longer works?  
Posted by [mike503](#) on Sat, 08 Jul 2006 02:41:29 GMT  
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yes:

numothersock

held 79  
maxheld 80  
barrier 80  
limit 80  
failcnt 1015

that's the only one. 1015 failures.

okay weird, now ifconfig -is- showing something, but still errors too:

```
[root@mike root]# ifconfig
warning: no inet socket available: No such file or directory
lo    Link encap:Local Loopback
      UP LOOPBACK RUNNING  MTU:16436  Metric:1
      RX packets:366 errors:0 dropped:0 overruns:0 frame:0
      TX packets:366 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:38899 (37.9 KiB)  TX bytes:38899 (37.9 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:634 errors:0 dropped:0 overruns:0 frame:0
      TX packets:615 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:57828 (56.4 KiB)  TX bytes:41328 (40.3 KiB)

venet0:0  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
```

venet0:1 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

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Subject: Re: Debian VE networking no longer works?  
Posted by [mike503](#) on Mon, 10 Jul 2006 22:29:11 GMT  
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bump?

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Subject: Re: Debian VE networking no longer works?  
Posted by [aistis](#) on Tue, 11 Jul 2006 07:37:23 GMT  
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bump. mike, did you try to increase "numothersock", say to 150?

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Subject: Re: Debian VE networking no longer works?  
Posted by [mike503](#) on Tue, 11 Jul 2006 15:47:35 GMT  
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aistis wrote on Tue, 11 July 2006 00:37bump. mike, did you try to increase "numothersock", say to 150?

well i can't do it this minute, so i'll ask a quick question or two for later:

1) how do i change those variables?  
2) why would i need to? it was working fine after install. is the beancounters thing just specific to the whole VE deal? i don't want to have something which should work out of the box keep breaking. this time it could be that variable, next time it could be another one, right? i'd rather not run into that when it's in production...

or perhaps just a script or information on which variables i can "max out" so there won't be any random resource limits i hit. the only one i really care about are the CPU units, which look to be controlled by vzctl anyway.

thanks.

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Subject: Re: Debian VE networking no longer works?  
Posted by [aistis](#) on Tue, 11 Jul 2006 16:49:12 GMT

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Mike, each VE has its resource limits, thus you have a place where they are accounted -> /proc/user\_beancounters. You have bunch of manageable resource limits per VE for your good - stability and security. You should definitely read OpenVZ User's Guide, "Chapter 6 - Managing Resources" for more information on that.

You can change those variables using command line tool vzctl or by editing VE configuration files directly and restarting a VE. More info on the same document, page 95.

Let us know if you need more information

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