
Subject: *BUG REPORTED* Network issues inside of VE
Posted by [jbreck](#) on Mon, 31 Dec 2007 01:38:31 GMT
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I'm using OpenVZ on a CentOS box with kernel:

2.6.18-8.1.8.el5.028stab039.1
(Also using lxlabs hypervm as a management interface)

I'm having a problem where VE's created with the default CentOS(And our custom templates) can ping the Hardware node, but cannot ping out. In addition, they don't show up in the the hardware nodes arp. This is very puzzling.

Here is an example of a working (Ubuntu, 66.103.230.228) VE:

```
root@ubuntufix:/# ping fark.com
PING fark.com (207.246.126.10) 56(84) bytes of data.
```

```
root@ubuntufix:/# route -n
Kernel IP routing table
Destination  Gateway      Genmask      Flags Metric Ref  Use Iface
192.0.2.1    0.0.0.0      255.255.255.255 UH  0    0    0 venet0
0.0.0.0      192.0.2.1    0.0.0.0      UG  0    0    0 venet0
```

Non working node(66.103.230.240):

```
[root@btimberlake /]# ping fark.com
(hangs)
```

```
[root@btimberlake /]# ping 69.39.86.190 <--- Hardware node IP
PING 69.39.86.190 (69.39.86.190) 56(84) bytes of data.
64 bytes from 69.39.86.190: icmp_seq=1 ttl=64 time=0.059 ms
64 bytes from 69.39.86.190: icmp_seq=2 ttl=64 time=0.048 ms
```

```
[root@btimberlake /]# route -n
Kernel IP routing table
Destination  Gateway      Genmask      Flags Metric Ref  Use Iface
192.0.2.0    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      192.0.2.1    0.0.0.0      UG    0    0    0 venet0
```

Interesting, I see arps for all of the working VE's on the box, but not the non working one... I also notice the routes are different, but we are perplexed as to why this is... the box and images where all working a couple of weeks ago. We did update vzctl from 3.0.18 to 3.0.22 to fix a problem with debian and ubuntu images, which no work, but it appears CentOS is now broken (although I'm not sure that's the cause.)

Can anyone assist me in troubleshooting this? I can provide any information you need, I just don't know what to look for.
