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.