Subject: ARP requests being ignored on new Centos 6 system
Posted by Hu Man on Fri, 09 Sep 2011 22:35:30 GMT

Hi

I have been setting up a new machine with Centos 6 and the latest version of OpenVZ.
The containers were initially able to send/receive to the net but after a
while the containers lost network access. Looking at tcpdump I could see ARP
requests arriving but they were being ignored by the hardware node. I
checked all the /etc/sysctl.conf setting and all seemed to be right. Reboots
and container start/stops made no difference.

After a bit of searching I came across this page -
http://openvz.livejournal.com/34217.html which mentions that vzctl does this
command - ip neigh add proxy x.x.x.x dev eth0
I entered this command manually and all seems right - we will see if it
continues :-)

Has anyone else came across this problem?

System details -
[root@ds6 bin]# rpm -qa | grep vzctl
vzctl-3.0.28.3-1.x86_64
vzctl-lib-3.0.28.3-1.x86_64
[root@ds6 bin]# uname -a
Linux ds6.xxxx.com 2.6.32-042stab036.1 #1 SMP Thu Sep 1 17:06:37 MSD 2011
x86_64 x86_64 x86_64 GNU/Linux