Subject: Debian: no network after upgrade
Posted by Nelly on Fri, 25 Apr 2008 23:06:15 GMT
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Hi all,

I vave a serious problem after I upgraded my Debian Etch Host to the actual ovz-kernel. All was working fine before I upgraded.

The problem is that I can ping the VE from the HE, but the VE is not reachable from the outside world and the VE can't reach any outside systems. The HE is reachable as usual.

I searched the forum, tested the new debian-add_ip.sh, controlled sysctl, but nothing worked.

I would be really happy if someone has an idea.

thalia is my HN, www is one of my VEs:

```
thalia:~# uname -r
2.6.18-ovz-028stab053.5
thalia:~# grep -vh '^#' /etc/sysctl.conf | grep -v '^$'

net.ipv4.conf.default.forwarding=1
net.ipv4.conf.default.proxy_arp = 0
net.ipv4.ip_forward = 1
net.ipv4.conf.all.rp_filter = 1
kernel.sysrq = 1
net.ipv4.conf.default.send_redirects = 1
net.ipv4.conf.all.send_redirects = 0


thalia:~# iptables -t nat -L && iptables -t filter -L && iptables -t mangle -L
Chain PREROUTING (policy ACCEPT)
target     prot opt source               destination

Chain POSTROUTING (policy ACCEPT)
target     prot opt source               destination

Chain OUTPUT (policy ACCEPT)
target     prot opt source               destination
Chain INPUT (policy ACCEPT)
target     prot opt source               destination

Chain FORWARD (policy ACCEPT)
target     prot opt source               destination

Chain OUTPUT (policy ACCEPT)
target     prot opt source               destination
```

```
Chain PREROUTING (policy ACCEPT)
target     prot opt source               destination

Chain INPUT (policy ACCEPT)
target     prot opt source               destination

Chain FORWARD (policy ACCEPT)
target     prot opt source               destination

Chain OUTPUT (policy ACCEPT)
target     prot opt source               destination

Chain POSTROUTING (policy ACCEPT)
target     prot opt source               destination


www:/# route
Kernel IP routing table
Destination     Gateway         Genmask         Flags Metric Ref    Use Iface
191.255.255.1   *               255.255.255.255 UH    0      0        0 venet0
default         191.255.255.1   0.0.0.0         UG    0      0        0 venet0
```

Subject: Re: Debian: no network after upgrade
Posted by Nelly on Sat, 26 Apr 2008 04:59:57 GMT
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some more info:

I also tried the kernel 2.6.18-fza-028stab053.5-686 with no success. Additional I've set up a new fresh VE, but it shows the same problem.

Next tests:
When I ping a VE IP from a different PC I see incoming arps with tcpdump on the HN. But these arps are not answered.

BUT:
When I ping a second PC from the VE, the ICMP reaches the second PC.

So it rely seems that it's all about the arps that are not answered. Why does my HN think that he is not responsible for the VE-IPs?

Next Edit:
ip neigh add proxy VE-IP dev eth0 on the HN makes it work again. But that can only be a workaround and not a solution,

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Subject: Solved: Re: Debian: no network after upgrade
Posted by Nelly on Sat, 26 Apr 2008 09:45:39 GMT
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ok, I found that it's a feature ...

http://bugzilla.openvz.org/show_bug.cgi?id=771
http://wiki.openvz.org/Download/vzctl/3.0.22/changes