Subject: openvz in ubuntu hardy -- network options ignored
Posted by tanimoto on Thu, 10 Apr 2008 07:44:20 GMT
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Hello,

I compiled an openvz kernel from this git repository:
http://git.openvz.org/?p=ubuntu-hardy-openvz;a=summary

Then I tried using multiple templates (different versions of ubuntu and debian), but I always have the same problem. I suspect it's related to config files not being overwritten.

Here's an example:

$ sudo vzctl create 101 --ostemplate ubuntu-8.04-amd64-minimal
Creating VE private area (ubuntu-8.04-amd64-minimal)
Performing postcreate actions
VE private area was created

$ sudo vzctl set 101 --hostname hardy --save
Saved parameters for VE 101

$ sudo vzctl set 101 --ipadd 192.168.2.1 --save
Saved parameters for VE 101

$ sudo vzctl set 101 --nameserver 192.168.1.1 --save
Saved parameters for VE 101

$ sudo vzctl start 101
Starting VE ...
VE is mounted
Adding IP address(es): 192.168.2.1
cp: skipping file `/etc/network/interfaces', as it was replaced while being copied
Setting CPU units: 1000
Configure meminfo: 65536
Set hostname: hardy
ERROR: Can't copy file /etc/hosts
/bin/cp: skipping file `/etc/hosts', as it was replaced while being copied
VE start in progress...

Notice the warnings of files being skipped with 'cp'.

Here's some info output:

$ sudo vzctl enter 101
entered into VE 101

root@localhost:/# ifconfig

```
root@localhost:/# ifconfig -a
lo        Link encap:Local Loopback
          LOOPBACK  MTU:16436  Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:0 (0.0 B)  TX bytes:0 (0.0 B)

venet0    Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
          BROADCAST POINTOPOINT NOARP  MTU:1500  Metric:1
          RX packets:0 errors:0 dropped:0 overruns:0 frame:0
          TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:0 (0.0 B)  TX bytes:0 (0.0 B)

root@localhost:/# ip r l

root@localhost:/# ip rule list
0:  from all lookup local
32766:  from all lookup main
32767:  from all lookup default

root@localhost:/# cat /etc/network/interfaces
auto venet0:0
iface venet0:0 inet static
  address 192.168.2.1
  netmask 255.255.255.255
  broadcast 0.0.0.0

root@localhost:/# invoke-rc.d networking restart
 * Reconfiguring network interfaces...
SIOCSIFFLAGS: Cannot assign requested address
Failed to bring up venet0:0.
```

Now the weird thing for me is that if I append this to /etc/network/interfaces and restart the network script, everything works fine. Until the VE is restarted, that is.

```
iface lo inet loopback
auto venet0 lo
iface venet0 inet static
  address 127.0.0.1
  netmask 255.255.255.255
  broadcast 0.0.0.0
  up route add -net 191.255.255.1 netmask 255.255.255.255 dev venet0
  up route add default gw 191.255.255.1
```

Any idea of what I could be missing? I saw a past thread suggesting changing the 'cp' flags from '-fp' to just '-f' in the vz scripts, but that unfortunately didn't do the trick.

Thank you.

PS: I also tried assigning different IP addresses to the VE, to no avail.
