

---

Subject: Re: OpenVZ and IP masquerading  
Posted by [Santi](#) on Mon, 24 Apr 2006 10:38:53 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Hello,

Thanks for the reply!

Loading "ip\_conntrack" module with the additional parameter "ip\_conntrack\_enable\_ve0=1" NAT works fine with local network machines

I can "ping" the VPS from the hardware node but it's not accesible from the local network, this is the system configuration:

Quote:

# ifconfig

```
eth0    Link encap:Ethernet  HWaddr 00:05:1C:19:67:F4
        inet addr:xxx  Bcast:255.255.255.255  Mask:255.255.224.0
        UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
        RX packets:4037958  errors:0  dropped:0  overruns:0  frame:0
        TX packets:3702217  errors:0  dropped:0  overruns:7  carrier:0
        collisions:0  txqueuelen:1000
        RX bytes:2993967675 (2.7 GiB)  TX bytes:1101935960 (1.0 GiB)
        Interrupt:10  Base address:0xdc00

eth1    Link encap:Ethernet  HWaddr 00:05:1C:03:26:36
        inet addr:192.168.0.210  Bcast:192.168.0.255  Mask:255.255.255.0
        UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
        RX packets:1657862  errors:0  dropped:0  overruns:0  frame:0
        TX packets:2360321  errors:0  dropped:0  overruns:10  carrier:0
        collisions:0  txqueuelen:1000
        RX bytes:285203826 (271.9 MiB)  TX bytes:2778409189 (2.5 GiB)
        Interrupt:11  Base address:0xe000

lo      Link encap:Local Loopback
        inet addr:127.0.0.1  Mask:255.0.0.0
        UP LOOPBACK RUNNING  MTU:16436  Metric:1
        RX packets:18519  errors:0  dropped:0  overruns:0  frame:0
        TX packets:18519  errors:0  dropped:0  overruns:0  carrier:0
        collisions:0  txqueuelen:0
        RX bytes:1587694 (1.5 MiB)  TX bytes:1587694 (1.5 MiB)

venet0  Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
        UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1
        RX packets:16235  errors:0  dropped:0  overruns:0  frame:0
        TX packets:23251  errors:0  dropped:0  overruns:0  carrier:0
        collisions:0  txqueuelen:0
        RX bytes:1167074 (1.1 MiB)  TX bytes:26626787 (25.3 MiB)
```

```

midori:~# route -n
Kernel IP routing table
Destination Gateway Genmask Flags Metric Ref Use Iface
192.168.0.5 0.0.0.0 255.255.255.255 UH 0 0 0 venet0
192.168.0.0 0.0.0.0 255.255.255.0 U 0 0 0 eth1
xxx 0.0.0.0 255.255.224.0 U 0 0 0 eth0
0.0.0.0 xxx 0.0.0.0 UG 0 0 0 eth0

```

eth0 is has the Internet DHCP conection and eth1 is conected to local network...

When starting the VPS with "vzctl" command I get those warnings:

Quote:

```

midori:/vz/template/cache# vzctl --verbose start 101
Warning: no vz_get_mod_info found in /usr/lib/vz//libvzctl-fs.so
Starting VPS ...
Running: /usr/sbin/vzquota show 101
Running: /usr/sbin/vzquota on 101 -r 0 -b 1048676 -B 1153534 -i 200100 -l 220100 -e 0 -n 0 -s 0
Mounting root: /vz/root/101 /vz/private/101
VPS is mounted
Adding IP address(es): 192.168.0.5
Running: /usr/share/vz/vps-net_add
arpsend: can't get iface 'eth0:' address : Cannot assign requested address
vps-net_add WARNING: arpsend -c 1 -w 1 -D -e 192.168.0.5 eth0: FAILED
arpsend: can't get iface 'eth1:' address : Cannot assign requested address
vps-net_add WARNING: arpsend -c 1 -w 1 -D -e 192.168.0.5 eth1: FAILED
arpsend: can't get iface 'eth0:' address : Cannot assign requested address
vps-net_add WARNING: arpsend -c 1 -w 1 -U -i 192.168.0.5 -e 192.168.0.5 eth0: FAILED
arpsend: can't get iface 'eth1:' address : Cannot assign requested address
vps-net_add WARNING: arpsend -c 1 -w 1 -U -i 192.168.0.5 -e 192.168.0.5 eth1: FAILED
Running VPS script: /usr/share/vz/dists/scripts/debian-add_ip.sh
Setting CPU units: 1000
Set hostname: vps101.usansolo.org
Running VPS script: /usr/share/vz/dists/scripts/debian-set_hostname.sh
Running VPS script: /usr/share/vz/dists/scripts/set_dns.sh
File resolv.conf was modified
Running: /usr/sbin/vzquota stat 101 -f
Running: vzquota setlimit 101 -b 1048576 -B 1153434 -i 200000 -l 220000 -e 0 -n 0
VPS start in progress...

```

Thanks!

--

