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Subject: Re: OpenVZ and Virtuozzo  
Posted by [catbones](#) on Wed, 30 May 2007 19:02:07 GMT  
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Thanks for the help in advance.

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[root@server1 /]# vzctl set 101 --ipdel all --save; vzctl set 101 --ipadd 75.126.166.16 --save;
ifconfig; route -n; iptables -L -n; iptables -L -n -t nat; cat /proc/sys/net/ipv4/ip_forward
Deleting IP address(es): 75.126.166.16
Adding IP address(es):
Saved parameters for VE 101
Adding IP address(es): 75.126.166.16
Saved parameters for VE 101
eth0   Link encap:Ethernet  HWaddr 00:30:48:5F:17:BC
       inet addr:10.11.166.194  Bcast:10.11.166.255  Mask:255.255.255.192
       inet6 addr: fe80::230:48ff:fe5f:17bc/64 Scope:Link
       UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
       RX packets:2472 errors:0 dropped:0 overruns:0 frame:0
       TX packets:2046 errors:0 dropped:0 overruns:0 carrier:0
       collisions:0 txqueuelen:1000
       RX bytes:434333 (424.1 KiB)  TX bytes:177055 (172.9 KiB)
       Interrupt:58 Base address:0x6000

eth1   Link encap:Ethernet  HWaddr 00:30:48:5F:17:BD
       inet addr:75.126.141.122  Bcast:75.126.141.127  Mask:255.255.255.248
       inet6 addr: fe80::230:48ff:fe5f:17bd/64 Scope:Link
       UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
       RX packets:15047 errors:0 dropped:0 overruns:0 frame:0
       TX packets:13154 errors:0 dropped:0 overruns:0 carrier:0
       collisions:0 txqueuelen:1000
       RX bytes:1481735 (1.4 MiB)  TX bytes:1916905 (1.8 MiB)
       Interrupt:225

eth1:0 Link encap:Ethernet  HWaddr 00:30:48:5F:17:BD
       inet addr:75.126.166.16  Bcast:75.126.166.255  Mask:255.255.255.0
       UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
       Interrupt:225

eth1:1 Link encap:Ethernet  HWaddr 00:30:48:5F:17:BD
       inet addr:75.126.166.17  Bcast:75.126.166.255  Mask:255.255.255.0
       UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
       Interrupt:225

eth1:2 Link encap:Ethernet  HWaddr 00:30:48:5F:17:BD
       inet addr:75.126.166.18  Bcast:75.126.166.255  Mask:255.255.255.0
       UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
```

Interrupt:225

eth1:3 Link encap:Ethernet HWaddr 00:30:48:5F:17:BD  
inet addr:75.126.166.19 Bcast:75.126.166.255 Mask:255.255.255.0  
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1  
Interrupt:225

lo Link encap:Local Loopback  
inet addr:127.0.0.1 Mask:255.0.0.0  
inet6 addr: ::1/128 Scope:Host  
UP LOOPBACK RUNNING MTU:16436 Metric:1  
RX packets:64 errors:0 dropped:0 overruns:0 frame:0  
TX packets:64 errors:0 dropped:0 overruns:0 carrier:0  
collisions:0 txqueuelen:0  
RX bytes:7195 (7.0 KiB) TX bytes:7195 (7.0 KiB)

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:30 errors:0 dropped:0 overruns:0 frame:0  
TX packets:10 errors:0 dropped:0 overruns:0 carrier:0  
collisions:0 txqueuelen:0  
RX bytes:2027 (1.9 KiB) TX bytes:832 (832.0 b)

#### Kernel IP routing table

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
75.126.166.16	0.0.0.0	255.255.255.255	UH	0	0	0	venet0
75.126.141.120	0.0.0.0	255.255.255.248	U	0	0	0	eth1
10.11.166.192	0.0.0.0	255.255.255.192	U	0	0	0	eth0
75.126.166.0	0.0.0.0	255.255.255.0	U	0	0	0	eth1
169.254.0.0	0.0.0.0	255.255.0.0	U	0	0	0	eth1
10.0.0.0	10.11.166.193	255.0.0.0	UG	0	0	0	eth0
0.0.0.0	75.126.141.121	0.0.0.0	UG	0	0	0	eth1

#### 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 POSTROUTING (policy ACCEPT)

target prot opt source destination

#### Chain OUTPUT (policy ACCEPT)

target prot opt source destination

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```
[root@server1 /]# vzctl enter 101
entered into VE 101
```

```
[root@vps101 /]# ifconfig
```

```
lo      Link encap:Local Loopback
        inet addr:127.0.0.1  Mask:255.0.0.0
        inet6 addr: ::1/128 Scope:Host
        UP LOOPBACK RUNNING  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
        inet addr:127.0.0.1  P-t-P:127.0.0.1  Bcast:0.0.0.0  Mask:255.255.255.255
        UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1
        RX packets:0 errors:0 dropped:0 overruns:0 frame:0
        TX packets:1 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:0
        RX bytes:0 (0.0 b)  TX bytes:55 (55.0 b)
```

```
venet0:0 Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
        inet addr:75.126.166.16 P-t-P:75.126.166.16 Bcast:75.126.166.16 Mask:255.255.255.255
        UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1
```

```
=====
[root@vps101 /]# ping 4.2.2.1
PING 4.2.2.1 (4.2.2.1) 56(84) bytes of data.
got signal 15
        exited from VE 101
```

```
[root@server1 ~]# tcpdump -nvvv -p icmp
tcpdump: listening on eth0, link-type EN10MB (Ethernet), capture size 96 bytes
```

```
0 packets captured
0 packets received by filter
0 packets dropped by kernel
[root@server1 ~]#
```

```
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There you go.
```

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