
Subject: Networking issue with FC4

Posted by [wasrv](#) on Fri, 03 Nov 2006 13:11:38 GMT

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Hello,

The installation of OpenVZ on the server was a breeze, both the kernel replacement and the daemon installation:

```
[07:59:05][~]> rpm -qa | grep vz
```

```
vzquota-3.0.9-1
```

```
vzpkg-2.7.0-18
```

```
vzctl-lib-3.0.12-1
```

```
vzctl-3.0.12-1
```

```
vzrpm44-4.4.1-22.5
```

```
vzrpm44-python-4.4.1-22.5
```

```
vztmpl-fedora-core-5-2.0-2
```

```
ovzkernel-2.6.9-023stab032.1
```

```
vzyum-2.4.0-11
```

```
vzrpm43-python-4.3.3-7_nonptl.6
```

```
[07:59:12][~]> uname -a
```

```
Linux X.Y.Z 2.6.9-023stab032.1 #1 Fri Oct 20 02:48:36 MSD 2006 i686 athlon i386 GNU/Linux
```

I modified the kernel tuning parameters as mentioned in the guide and networking parameters are all set:

```
[08:03:26][~]> cat /proc/sys/net/ipv4/ip_forward
```

```
1
```

```
[08:03:33][~]> iptables -L
```

```
Chain FORWARD (policy ACCEPT)
```

```
target    prot opt source                destination
```

```
Chain INPUT (policy ACCEPT)
```

```
target    prot opt source                destination
```

```
Chain OUTPUT (policy ACCEPT)
```

```
target    prot opt source                destination
```

I have created a FC5 VE and added it an IP as described in your guide, however networking doesn't work. Ifconfig & route on the VE lists the following info:

```
-bash-3.1# ifconfig -a
```

```
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:7 errors:0 dropped:0 overruns:0 frame:0
TX packets:7 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:1084 (1.0 KiB) TX bytes:1084 (1.0 KiB)
```

```
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:164 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:0 (0.0 b) TX bytes:23688 (23.1 KiB)
```

```
venet0:0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
inet addr:11.22.33.44 P-t-P:11.22.33.44 Bcast:11.22.33.44 Mask:255.255.255.255
UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1
```

```
-bash-3.1# route -n
```

```
Kernel IP routing table
```

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
191.255.255.0	0.0.0.0	255.255.255.0	U	0	0	0	venet0
169.254.0.0	0.0.0.0	255.255.0.0	U	0	0	0	venet0
0.0.0.0	191.255.255.1	0.0.0.0	UG	0	0	0	venet0

Where 11.22.33.44 is the IP I added for the VE. Now here's the output for the HN:

```
[08:09:05][~]> ifconfig -a
```

```
eth0 Link encap:Ethernet HWaddr 00:00:21:F4:53:1F
inet addr:11.22.33.99 Bcast:11.22.33.255 Mask:255.255.255.128
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:1081802 errors:0 dropped:0 overruns:0 frame:0
TX packets:300108 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:88613125 (84.5 MiB) TX bytes:185321665 (176.7 MiB)
Interrupt:17 Base address:0xd000
```

```
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:33065 errors:0 dropped:0 overruns:0 frame:0
TX packets:33065 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:3462234 (3.3 MiB) TX bytes:3462234 (3.3 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:164 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:23688 (23.1 KiB) TX bytes:0 (0.0 b)

Where 11.22.33.99 is my main IP address.

After browsing these forums, I tried several tricks but none worked (the preserve arguments for /bin/cf and the early load of the ip_conntrack module).

Any suggestions for my problem?

Thank you and for your great product.
