Subject: problems with second container and venet
Posted by buxul on Sat, 18 Jun 2011 16:23:08 GMT
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I'm new with openvz and installed it now on a debian squeeze machine (Kernel linux-image-2.6.32-5-openvz-amd64 and vzctl 3.0.24-12).

I started with a first machine and set a public IP to it. All wents right.

Now I created a second container and set another public IP to it. But this machine can't get any contact beside it's subnet.

Hosts /etc/sysctl.conf

```
net.ipv4.conf.all.rp_filter=1
net.ipv4.icmp_echo_ignore_broadcasts=1
net.ipv4.conf.default.forwarding=1
net.ipv4.conf.default.proxy_arp = 0
net.ipv4.ip_forward=1
kernel.sysrq = 1
net.ipv4.conf.default.send_redirects = 1
net.ipv4.conf.all.send_redirects = 0
net.ipv4.conf.eth0.proxy_arp=1
```

Hosts ifconfig

```
eth0      Link encap:Ethernet  HWaddr 40:61:86:2b:81:a0
          inet addr:100.100.100.162  Bcast:100.100.100.191  Mask:255.255.255.224
          inet6 addr: fe80::4261:86ff:fe2b:81a0/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:443435 errors:0 dropped:0 overruns:0 frame:0
          TX packets:270292 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:568883238 (542.5 MiB)  TX bytes:33049351 (31.5 MiB)
          Interrupt:29 Base address:0x4000

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
          UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1
```

RX packets:210597 errors:0 dropped:0 overruns:0 frame:0
TX packets:358576 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:22844885 (21.7 MiB) TX bytes:478399318 (456.2 MiB)

VEs 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:8 errors:0 dropped:0 overruns:0 frame:0
TX packets:8 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:568 (568.0 B) TX bytes:568 (568.0 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:31 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:0 (0.0 B) TX bytes:2292 (2.2 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:100.100.100.172 P-t-P:100.100.100.172 Bcast:0.0.0.0 Mask:255.255.255.255
UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1

Hosts routes:

100.100.100.172 dev venet0 scope link
100.100.100.185 dev venet0 scope link
100.100.100.160/27 via 100.100.100.161 dev eth0
100.100.100.160/27 dev eth0 proto kernel scope link src 100.100.100.162
default via 100.100.100.161 dev eth0
broadcast 100.100.100.191 dev eth0 table local proto kernel scope link src 100.100.100.162
broadcast 127.255.255.255 dev lo table local proto kernel scope link src 127.0.0.1
local 100.100.100.162 dev eth0 table local proto kernel scope host src 100.100.100.162
broadcast 127.0.0.0 dev lo table local proto kernel scope link src 127.0.0.1
broadcast 100.100.100.160 dev eth0 table local proto kernel scope link src 100.100.100.162
local 127.0.0.1 dev lo table local proto kernel scope host src 127.0.0.1
local 127.0.0.0/8 dev lo table local proto kernel scope host src 127.0.0.1
fe80::/64 dev eth0 proto kernel metric 256 mtu 1500 advmss 1440 hoplimit 4294967295
unreachable default dev lo table unspec proto kernel metric -1 error -101 hoplimit 255
local ::1 via :: dev lo table local proto none metric 0 mtu 16436 advmss 16376 hoplimit
4294967295

local fe80::4261:86ff:fe2b:81a0 via :: dev lo table local proto none metric 0 mtu 16436 advmss 16376 hoplimit 4294967295
ff00::/8 dev eth0 table local metric 256 mtu 1500 advmss 1440 hoplimit 4294967295
unreachable default dev lo table unspec proto kernel metric -1 error -101 hoplimit 255

VEs routes:

192.0.2.1 dev venet0 scope link
default via 192.0.2.1 dev venet0 src 100.100.100.172
broadcast 127.255.255.255 dev lo table local proto kernel scope link src 127.0.0.1
local 100.100.100.172 dev venet0 table local proto kernel scope host src 100.100.100.172
broadcast 127.0.0.0 dev lo table local proto kernel scope link src 127.0.0.1
local 127.0.0.1 dev lo table local proto kernel scope host src 127.0.0.1
local 127.0.0.1 dev venet0 table local proto kernel scope host src 127.0.0.1
local 127.0.0.0/8 dev lo table local proto kernel scope host src 127.0.0.1
unreachable default dev lo table unspec proto kernel metric -1 error -101 hoplimit 255
local ::1 via :: dev lo table local proto none metric 0 mtu 16436 advmss 16376 hoplimit 4294967295
unreachable default dev lo table unspec proto kernel metric -1 error -101 hoplimit 255

Can you help me and tell me what I made wrong.

Greetings
Buxul

Subject: Re: problems with second container and venet
Posted by buxul on Tue, 21 Jun 2011 05:26:04 GMT
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no hint?

Subject: Re: problems with second container and venet
Posted by Paparaciz on Wed, 22 Jun 2011 06:21:39 GMT
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I would recommend installing latest rhel6 vzkernel

http://wiki.openvz.org/Download/kernel/rhel6/042stab018.1

update vzctl to latest version (3.0.28.3).

Subject: Re: problems with second container and venet
Posted by buxul on Sat, 02 Jul 2011 11:51:50 GMT
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Does your recommendation meen, that openvz doesn't run on debian squeeze? Why there are packages for debian, if this don't run?

Subject: Re: problems with second container and venet
Posted by Paparaciz on Sat, 02 Jul 2011 12:25:08 GMT
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sorry I realy don't know what exactly packages are in debian.

I'm using centos. And waiting for centos6 release to test rhel6 based openvz kernel.

I want to say that I see much more development on rhel6 based kernels compared to development on kernel 2.6.32

http://git.openvz.org/?p=linux-2.6.32-openvz;a=log
last actions was 3 months ago
while newest rhel6 based openvz kernel was released 2weeks ago.

and no, I don't want to say that openvz can not be run on debian squeeze.

If you want to stay with debian provided openvz kernel I would suggest to submit bug in debian.
http://www.debian.org/Bugs/