
Subject: Networking problem

Posted by [exotic2013](#) on Sat, 09 Feb 2013 06:24:39 GMT

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Ok so I read alot and refreshed my emmory on hwo this works

I bought a dedicated server at a reputable data center

I installed openvz no problem

I create the first vm command line so have a container to run a SoluVM panel

Now my problem

I cant connect to the vm no mater what do

I put in ticket to dc support and they tell me I have to add the MAC address of the vm from interface in my server panel for the switch to allow traffic

As venet dont assign a MAC Im unsure what to do now

I did this about 8 years ago and had no such problems and I red about using veth instead but that its also more insecure so any help now would be appreciated

Subject: Re: Networking problem

Posted by [Ales](#) on Sun, 10 Feb 2013 04:01:40 GMT

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Please post some additional information. If there's anything you'd prefer to conceal (host names, actual IPs), mask it out...

From the node (each line is a separate command, VMID should be the actual ID of the VM you've created):

uname -a

vzctl --version

vzlist

cat /etc/vz/conf/VMID.conf

ip addr

ip route

iptables -L

Subject: Re: Networking problem

Posted by [exotic2013](#) on Sun, 10 Feb 2013 18:54:10 GMT

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Linux XXX-55-141-13.phx.dedicated.codero.com 2.6.32-042stab072.10.debug #1 SMP Wed Jan 16 19:10:00 MSK 2013 x86_64 x86_64 x86_64 GNU/Linux

vzctl version 3.3

CTID	NPROC	STATUS	IP_ADDR	HOSTNAME
------	-------	--------	---------	----------

```
101      58 running  XXX.55.141.14  zxwebhosting.com
102      15 running  XXX.55.141.16  zxgamers.com
```

```
NAMESERVER="69.64.66.11 69.64.66.10"
KMEMSIZE="4762632192"
NUMPROC="unlimited"
VMGUARPAGES="unlimited"
NUMTCPSOCK="unlimited"
TCPSNDBUF="unlimited"
TCPRCVBUF="unlimited"
NUMOTHERSOCK="unlimited"
LOCKEDPAGES="1162752"
PRIVVMPAGES="unlimited"
SHMPAGES="unlimited"
OOMGUARPAGES="unlimited"
NUMFLOCK="unlimited"
NUMPTY="unlimited"
OTHERSOCKBUF="unlimited"
DGRAMRCVBUF="unlimited"
NUMFILE="unlimited"
DISKSPACE="26214400:26214400"
DISKINODES="13107200:13107200"
PHYSPAGES="0:2325504"
NUMSIGINFO="unlimited"
DCACHESIZE="2381316096"
NUMIPTENT="unlimited"
CPUUNITS="3000"
CPULIMIT="800"
CPUS="6"
AVNUMPROC="unlimited"
SWAPPAGES="0:786432"
QUOTATIME="0"
QUOTAUGIDLIMIT="9223372036854775807"
IP_ADDRESS="XXX.55.141.16"
DISABLED="no"
VE_ROOT="/vz/root/$VEID"
VE_PRIVATE="/vz/private/$VEID"
OSTEMPLATE="centos-4-x86_64"
ORIGIN_SAMPLE="102"
DEVICES="c:10:200:rw c:108:0:rw "
CAPABILITY=" NET_ADMIN:on"
DEVNODES="net/tun:rw "
```

```
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 16436 qdisc noqueue state UNKNOWN
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
```

```

inet6 ::1/128 scope host
    valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP qlen
1000
    link/ether 00:25:90:7a:75:96 brd ff:ff:ff:ff:ff:ff
    inet 10.132.3.164/27 brd 10.132.3.191 scope global eth0
    inet6 fe80::225:90ff:fe7a:7596/64 scope link
        valid_lft forever preferred_lft forever
3: eth1: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP qlen
1000
    link/ether 00:25:90:7a:75:97 brd ff:ff:ff:ff:ff:ff
    inet XXX.55.141.13/24 brd XXX.55.141.255 scope global eth1
    inet6 fe80::225:90ff:fe7a:7597/64 scope link
        valid_lft forever preferred_lft forever
4: venet0: <BROADCAST,POINTOPOINT,NOARP,UP,LOWER_UP> mtu 1500 qdisc noqueue
state UNKNOWN
    link/void
    inet6 fe80::1/128 scope link
        valid_lft forever preferred_lft forever

```

```

XXX.55.141.14 dev venet0 scope link
XXX.55.141.15 dev venet0 scope link
XXX.55.141.16 dev venet0 scope link
10.132.3.160/27 dev eth0 proto kernel scope link src 10.132.3.164
XXX.55.141.0/24 dev eth1 proto kernel scope link src 216.55.141.13
169.254.0.0/16 dev eth0 scope link metric 1002
169.254.0.0/16 dev eth1 scope link metric 1003
default via 216.55.141.1 dev eth1

```

Chain INPUT (policy ACCEPT)

```
target    prot opt source                destination
```

Chain FORWARD (policy ACCEPT)

```
target    prot opt source                destination
SOLUSVM_TRAFFIC_IN all -- anywhere             anywhere
SOLUSVM_TRAFFIC_OUT all -- anywhere             anywhere
    all -- zxwebhosting.com anywhere
    all -- anywhere        zxwebhosting.com
    all -- zxwebhosting.com anywhere
    all -- anywhere        zxwebhosting.com
    all -- XXX-55-142-16.dedicated.abac.net anywhere
    all -- anywhere        216-55-142-16.dedicated.abac.net

```

Chain OUTPUT (policy ACCEPT)

```
target    prot opt source                destination
```

Chain SOLUSVM_TRAFFIC_IN (1 references)

target	prot	opt	source	destination
	all	--	anywhere	216-55-141-16.dedicated.codero.net
	all	--	anywhere	zxwebhosting.com
	all	--	anywhere	zxwebhosting.com

Chain SOLUSVM_TRAFFIC_OUT (1 references)

target	prot	opt	source	destination
	all	--	XXX-55-141-16.dedicated.codero.net	anywhere
	all	--	zxwebhosting.com	anywhere
	all	--	zxwebhosting.com	anywhere

Subject: Re: Networking problem

Posted by [exotic2013](#) on Sun, 10 Feb 2013 19:58:04 GMT

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It hangs when I ssh in, like 30 sec pause between user and root and my ip is the first rule in iptables for the machine

Subject: Re: Networking problem

Posted by [Ales](#) on Sun, 10 Feb 2013 23:49:25 GMT

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You have XXX.55.141.16 everywhere, except for iptables forwarding chain, where I see XXX.55.142.16... And some rules are also repeated more than once...

Disable iptables altogether and see if your problem is gone, then troubleshoot from there.

Subject: Re: Networking problem

Posted by [exotic2013](#) on Mon, 11 Feb 2013 01:48:24 GMT

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Subject: Re: Networking problem

Posted by [exotic2013](#) on Mon, 11 Feb 2013 01:50:14 GMT

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Oh crap I forgot that, I had accidently put a bad IP into Solus and had set the vps on it which I fixed everything but the iptables as I thought it would correct that also when I corrected Ip and removed the bad one

Ok now to go refresh on manual editing iptables lol
