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Subject: CT Ip address aims to Node IP address

Posted by [aetchegoyen](#) on Sun, 01 Sep 2013 17:00:16 GMT

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Hi! I've just done a clean CentOS 6.4 install on an iWeb dedicated server and installed OpenVZ and OpenVZ Control Panel.

I created a CT and assigned it an IP, and nameserver, but when I try to ssh that IP it sends me to the Host node instead of the CT (I know that because with the CT root password it says access denied, but with the node password it enters fine for example)

What can I do? I've followed these guides:

[openvz dot org/Quick\\_installation](#)

[howtoforge dot com/installing-and-using-openvz-on-centos-6.4](#)

I have 5 IPs in the host machine

Here's the output for "ifconfig" (last ip number masked by me)

Quote:

```
eth0    Link encap:Ethernet  HWaddr 00:1E:67:8B:F1:3B
        inet addr:67.205.85.xxx  Bcast:67.205.85.xxx  Mask:255.255.255.224
        inet6 addr: fe80::21e:67ff:fe8b:f13b/64 Scope:Link
        UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
        RX packets:18956 errors:0 dropped:0 overruns:0 frame:0
        TX packets:3706 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:1000
        RX bytes:1982661 (1.8 MiB)  TX bytes:638942 (623.9 KiB)
        Interrupt:19 Memory:c1b00000-c1b20000

eth0:0  Link encap:Ethernet  HWaddr 00:1E:67:8B:F1:3B
        inet addr:184.107.74.xx0  Bcast:184.107.74.xx0  Mask:255.255.255.255
        UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
        Interrupt:19 Memory:c1b00000-c1b20000

eth0:1  Link encap:Ethernet  HWaddr 00:1E:67:8B:F1:3B
        inet addr:184.107.74.xx1  Bcast:184.107.74.xx1  Mask:255.255.255.255
        UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
        Interrupt:19 Memory:c1b00000-c1b20000

eth0:2  Link encap:Ethernet  HWaddr 00:1E:67:8B:F1:3B
        inet addr:184.107.74.xx2  Bcast:184.107.74.xx2  Mask:255.255.255.255
        UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
        Interrupt:19 Memory:c1b00000-c1b20000

eth0:3  Link encap:Ethernet  HWaddr 00:1E:67:8B:F1:3B
        inet addr:184.107.74.xx3  Bcast:184.107.74.xx3  Mask:255.255.255.255
        UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
        Interrupt:19 Memory:c1b00000-c1b20000
```

```

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:25680 errors:0 dropped:0 overruns:0 frame:0
      TX packets:25680 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:3822835 (3.6 MiB) TX bytes:3822835 (3.6 MiB)

venet0  Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
      inet6 addr: fe80::1/128 Scope:Link
      UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 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)

veth102.0 Link encap:Ethernet HWaddr 00:18:51:46:86:EF
      inet6 addr: fe80::218:51ff:fe46:86ef/64 Scope:Link
      UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
      RX packets:0 errors:0 dropped:0 overruns:0 frame:0
      TX packets:0 errors:0 dropped:4 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)

```

Here's the output for "ip route list table all"

Quote:

```

184.107.74.xx0 dev venet0 scope link
67.205.85.xx8/27 dev eth0 proto kernel scope link src 67.205.85.xx3
169.254.0.0/16 dev eth0 scope link metric 1002
default via 67.205.85.xx9 dev eth0
broadcast 67.205.85.xx9 dev eth0 table local proto kernel scope link src 67.205.85.xx3
broadcast 127.255.255.255 dev lo table local proto kernel scope link src 127.0.0.1
local 184.107.74.103 dev eth0 table local proto kernel scope host src 184.107.74.xx3
broadcast 184.107.74.xx3 dev eth0 table local proto kernel scope link src 184.107.74.xx3
local 184.107.74.xx2 dev eth0 table local proto kernel scope host src 184.107.74.xx2
broadcast 184.107.74.xx2 dev eth0 table local proto kernel scope link src 184.107.74.xx2
local 184.107.74.xx1 dev eth0 table local proto kernel scope host src 184.107.74.xx1
broadcast 184.107.74.xx1 dev eth0 table local proto kernel scope link src 184.107.74.xx1
local 67.205.85.xx3 dev eth0 table local proto kernel scope host src 67.205.85.xx3
local 184.107.74.xx0 dev eth0 table local proto kernel scope host src 184.107.74.xx0
broadcast 184.107.74.xx0 dev eth0 table local proto kernel scope link src 184.107.74.xx0
broadcast 127.0.0.0 dev lo table local proto kernel scope link src 127.0.0.1
broadcast 67.205.85.128 dev eth0 table local proto kernel scope link src 67.205.85.xx3
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

```

```

unreachable ::/96 dev lo metric 1024 error -101 mtu 16436 advmss 16376 hoplimit 4294967295
unreachable ::ffff:0.0.0.0/96 dev lo metric 1024 error -101 mtu 16436 advmss 16376 hoplimit
4294967295
unreachable 2002:a00::/24 dev lo metric 1024 error -101 mtu 16436 advmss 16376 hoplimit
4294967295
unreachable 2002:7f00::/24 dev lo metric 1024 error -101 mtu 16436 advmss 16376 hoplimit
4294967295
unreachable 2002:a9fe::/32 dev lo metric 1024 error -101 mtu 16436 advmss 16376 hoplimit
4294967295
unreachable 2002:ac10::/28 dev lo metric 1024 error -101 mtu 16436 advmss 16376 hoplimit
4294967295
unreachable 2002:c0a8::/32 dev lo metric 1024 error -101 mtu 16436 advmss 16376 hoplimit
4294967295
unreachable 2002:e000::/19 dev lo metric 1024 error -101 mtu 16436 advmss 16376 hoplimit
4294967295
unreachable 3ffe:ffff::/32 dev lo metric 1024 error -101 mtu 16436 advmss 16376 hoplimit
4294967295
fe80::1 dev venet0 proto kernel metric 256 mtu 1500 advmss 1440 hoplimit 4294967295
fe80::/64 dev eth0 proto kernel metric 256 mtu 1500 advmss 1440 hoplimit 4294967295
fe80::/64 dev venet0 proto kernel metric 256 mtu 1500 advmss 1440 hoplimit 4294967295
fe80::/64 dev veth102.0 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:: via :: dev lo table local proto none metric 0 mtu 16436 advmss 16376 hoplimit
4294967295
local fe80:: via :: dev lo table local proto none metric 0 mtu 16436 advmss 16376 hoplimit
4294967295
local fe80::1 via :: dev lo table local proto none metric 0 mtu 16436 advmss 16376 hoplimit
4294967295
local fe80::218:51ff:fe46:86ef via :: dev lo table local proto none metric 0 mtu 16436 advmss
16376 hoplimit 4294967295
local fe80::21e:67ff:fe8b:f13b 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
ff00::/8 dev venet0 table local metric 256 mtu 1500 advmss 1440 hoplimit 4294967295
ff00::/8 dev veth102.0 table local metric 256 mtu 1500 advmss 1440 hoplimit 4294967295
unreachable default dev lo table unspec proto kernel metric -1 error -101 hoplimit 255

```

Here's the output for "iptables -t nat -L && iptables -t filter -L && iptables -t mangle -L"

Quote:

L

Chain PREROUTING (policy ACCEPT)

target	prot	opt	source	destination
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Chain POSTROUTING (policy ACCEPT)

target	prot	opt	source	destination
--------	------	-----	--------	-------------

Chain OUTPUT (policy ACCEPT)  
target prot opt source destination  
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 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 POSTROUTING (policy ACCEPT)  
target prot opt source destination

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Subject: Re: CT Ip address aims to Node IP address  
Posted by [Ales](#) on Mon, 02 Sep 2013 06:01:28 GMT  
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I see you have IPs on two different subnets?

Start by detaching all IPs you plan to use for VMs from eth0, except for eth0:0 (for now).

So, you should have no eth0:1, eth0:2, eth0:3. Then simply assign the IP that used to be eth0:1 to your VM and it will work.

In the mean time, search for cases of having IPs from different subnets and go from there - you'll understand why I advised you to keep eth0:0 for now.

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Subject: Re: CT Ip address aims to Node IP address  
Posted by [aetchegoyen](#) on Tue, 10 Sep 2013 16:40:54 GMT

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Thanks!! Detaching the IP addresses from eth0 worked perfectly!

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