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Subject: Assign IP within VE

Posted by [semir](#) on Mon, 15 Apr 2013 21:03:15 GMT

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Hi,

I am able to assign IP address ot venet from inside the CT. 10.0.0.88 was not assigned to any CT before.

```
[root@git /]# ip addr add 10.00.0.88 dev venet0:0
[root@git /]# ping 10.0.0.32
PING 10.0.0.32 (10.0.0.32) 56(84) bytes of data.
64 bytes from 10.0.0.32: icmp_seq=1 ttl=63 time=466 ms
64 bytes from 10.0.0.32: icmp_seq=2 ttl=63 time=0.399 ms
64 bytes from 10.0.0.32: icmp_seq=3 ttl=63 time=0.470 ms
```

Though OpenVZ wiki writes:

"No possiblity to assign an IP from the CT

With venet device, only OpenVZ hardware node administrator can assign an IP address to a container."

"Venet drop ip-packets from the container with a source address, and in the container with the destination address, which is not corresponding to an ip-address of the container."

So? Does venet drop the packages or should I have the FORWARD chain on the host default to drop?

Is this behaviour normal?

Thank you!

Bests,

Semir

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Subject: Re: Assign IP within VE

Posted by [semir](#) on Sat, 27 Apr 2013 23:35:45 GMT

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Sorry, Im using Centos 5 with 2.6.18-274.3.1.el5.028stab094.3xen kernel and vzctl version 3.3.

Thank you!

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Subject: Re: Assign IP within VE  
Posted by [Paparaciz](#) on Mon, 29 Apr 2013 18:04:24 GMT  
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can you ping 10.0.0.88 from HN?

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Subject: Re: Assign IP within VE  
Posted by [semir](#) on Mon, 29 Apr 2013 18:14:30 GMT  
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Nope. Not from anywhere outside.

Interesting.

Though from the VE I can connect to any 10.0.0.X address.

So basically any client of mine can add any address to his VPS and reach the world through that, but wont be able to access it through that?

Is this normal?

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Subject: Re: Assign IP within VE  
Posted by [Paparaciz](#) on Mon, 29 Apr 2013 19:02:54 GMT  
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is HN ip is from the 10.0.0.X range?  
what is ip of ct?

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Subject: Re: Assign IP within VE  
Posted by [Paparaciz](#) on Mon, 29 Apr 2013 19:05:21 GMT  
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and do you using iptables masquerade in HN?

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Subject: Re: Assign IP within VE  
Posted by [semir](#) on Mon, 29 Apr 2013 19:05:52 GMT  
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yes, the HN has 10.0.0.X range address.  
The ct has public ip and this newly assigned 10.0.0.88.

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Subject: Re: Assign IP within VE  
Posted by [semir](#) on Mon, 29 Apr 2013 19:06:58 GMT  
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No. VPSs have public IP.  
I use 10.0.0.X for internal communication between CTs or for CTs of internal use (without public IP), like a backup ct or a private caching dns server.

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Subject: Re: Assign IP within VE  
Posted by [Paparaciz](#) on Mon, 29 Apr 2013 19:14:17 GMT  
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than I guess you are doing something with routing table.  
can you check what 10.0.0.32 see ip packets are coming from?

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Subject: Re: Assign IP within VE  
Posted by [semir](#) on Mon, 29 Apr 2013 19:26:44 GMT  
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AAAAAAawwwwww MAN....  
Im sorry. you were right.  
I tried this on a vps that had both public ip and private.  
So the HN routed through the public ip (as the HN and the target CT both had 10.0.0.X ip)!

Thank you very much!

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