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Subject: 2 interfaces on VE, each using a separate routes

Posted by [jyap](#) on Wed, 14 Mar 2007 10:29:56 GMT

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Hi people.

Firstly, thanks for OpenVZ. I really appreciate the hard work put into the community aspects. Very impressed to see how far OpenVZ has come since it's launch.

I have a VE that I've added 2 IP's to. Both on different networks.

This was by using the default --ipadd option of vzctl.

eg.

10.0.0.9

192.168.1.9

On the Host I have set up Source based routing according to the example on the page:

<http://gflug.net/~mdmartz/index.php/Linux:Network:DualNetRouteHack>

eg.

eth0 - 10.0.0.5 - Default route --> 10.0.0.1

eth1 - 192.168.1.5 - Default route --> 191.168.1.1

On the Host, I am able to ping both default routes. On the VE, I can only ping the first default gateway, 10.0.0.1. I'm unable to ping 192.168.1.1.

Is it possible to have 2 interfaces on a VE, each using a separate route? Feel free to just outline the general concept of what I have to do :). Any help would be greatly appreciated.

Thanks,

Julian

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Subject: Re: 2 interfaces on VE, each using a separate routes

Posted by [Andrey Mirkin](#) on Wed, 14 Mar 2007 13:31:58 GMT

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Hello,

Can you, please, try to ping from VE using following command:

ping 192.168.1.1 -I 192.168.1.9

The thing is that ping takes the first IP address from interface as default.

On Wednesday 14 March 2007 13:29 Julian Yap wrote:

> Hi people.  
>  
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> into the community aspects. Very impressed to see how far OpenVZ has  
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> Julian

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Subject: Re: 2 interfaces on VE, each using a separate routes  
Posted by [jyap](#) on Wed, 14 Mar 2007 18:41:46 GMT  
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That works for me.

Doing more testing, when I take out the global default route on the Host (10.0.0.1) I can't ping 10.0.0.x from the VE. It's as if the VE inherits only the global default route from the Host. However, when I take out the global default route, I am able to ping external IPs on the internet.

The VE automatically specifies its default gateway as 192.0.2.1 (through /etc/sysconfig/network). I'm not sure if that's related.

- Julian

On 3/14/07, Andrey Mirkin <amirkin@sw.ru> wrote:

> Hello,

>

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> > Thanks,

> >

> > Julian

---

Subject: Re: 2 interfaces on VE, each using a separate routes

Posted by [Julian Yap](#) on Wed, 14 Mar 2007 19:32:45 GMT

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- Julian

On 3/14/07, Andrey Mirkin <amirkin@sw.ru> wrote:

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Subject: Re: 2 interfaces on VE, each using a separate routes  
Posted by [Andrey Mirkin](#) on Thu, 15 Mar 2007 07:27:27 GMT  
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Can you, please, send your ip configuration and route tables on host node and in VE (ip a ls, ip r ls).

Regards,  
Andrey

On Wednesday 14 March 2007 21:41 Julian Yap wrote:

> That works for me.

>

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