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Subject: HN and VE IPs on different subnets  
Posted by [ruber](#) on Sun, 23 Mar 2008 00:53:36 GMT  
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I installed openVz on a new server and migrated the VEs from one to another normally. But the VEs which use IPs on different subnet of the HN (65.X.X.X) can't access anything outside itself. They only can access internet if I change the IP to any 65.X.X.X, on the same subnet as the node. I have 3 ranges of public IPs and need to use them to VPS, 65.X.X.X must be only the node.

I followed the installation guide and did the same installation on the old node and the new. On the old node everything works fine. What can be wrong? I'm using CentOS 5 on the new node server.

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Subject: Re: HN and VE IPs on different subnets  
Posted by [curx](#) on Sun, 23 Mar 2008 15:59:02 GMT  
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Which vzctl version is running on the new node ?

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Subject: Re: HN and VE IPs on different subnets  
Posted by [ruber](#) on Sun, 23 Mar 2008 16:07:05 GMT  
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How can I view the version?

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Subject: Re: HN and VE IPs on different subnets  
Posted by [kir](#) on Mon, 24 Mar 2008 07:48:17 GMT  
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I guess you need to add the VE subnet route to HW. Something like

```
/sbin/ip r a x.x.x.x/yy dev eth0
```

where x.x.x.x/yy is the network where your VE IPs are.

It basically tells that this network is available on eth0 directly.

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Subject: Re: HN and VE IPs on different subnets  
Posted by [morphium](#) on Wed, 07 May 2008 12:40:12 GMT  
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I have the same problem.

HN has IP 91.143.80.A

VN has 91.143.87.B

I did

`ip r a 91.143.87.0/24 dev eth0`

on HN, but my VN still can't ping it's gateway (91.143.87.1)

//edit: solved it with:

`arping -S 91.143.83.B 91.143.83.1` on the HostNode

(so that is "`arping -S <VN-IP> <gateway-IP>`" on the HN)

morphism

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