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Subject: **\*SOLVED\*** Need help with networking  
Posted by [kshade](#) on Tue, 02 Oct 2007 14:14:20 GMT  
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Hi,

I just started with OpenVZ and can't get networking to work. My setup looks like this:

```
[Internet]
^
|
eth0
|
v
[OpenVZ-Server (Public IP)]
|vnet
[VE (Private IP)]
```

I can Ping the servers IP from the VE and the VEs private IP from the Host, ssh also works between them, but the VE can't acces the Internet. Probably a routing problem but I'm stuck :(

The routing tables:

Host:

```
crct master ~ # route
```

```
Kernel IP routing table
```

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
192.168.0.100	*	255.255.255.255	UH	0	0	0	venet0
77.37.6.0	*	255.255.255.0	U	0	0	0	eth0
loopback	*	255.0.0.0	U	0	0	0	lo
default	77.37.6.1	0.0.0.0	UG	0	0	0	eth0

VE:

```
oldserver ~ # route
```

```
Kernel IP routing table
```

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
192.0.2.0	*	255.255.255.0	U	0	0	0	venet0
127.0.0.0	*	255.0.0.0	U	0	0	0	lo
default	192.0.2.1	0.0.0.0	UG	0	0	0	venet0

Issuing the route command on the VE takes some time. The VEs /etc/conf.d/net looks like this:

```
config_venet0=( "192.168.0.100/32" )
routes_venet0=( "-net 192.0.2.0/24" "default via 192.0.2.1" )
```

Note the default GW. Is this right?

Both Host and VE run on Gentoo.

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Subject: Re: Need help with networking

Posted by [rickb](#) on Tue, 02 Oct 2007 17:50:40 GMT

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Most common causes for this are deny rules in your forward chain or packet forwarding disabled on the hardware node. Please check and let us know.

Rick

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Subject: Re: Need help with networking

Posted by [AN@S](#) on Wed, 03 Oct 2007 07:59:24 GMT

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Hello,

I'm having the same problem, please do post the solution here when you get this resolved.

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Subject: Re: Need help with networking

Posted by [maratrus](#) on Wed, 03 Oct 2007 08:50:32 GMT

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[http://wiki.openvz.org/Using\\_NAT\\_for\\_VE\\_with\\_private\\_IPs](http://wiki.openvz.org/Using_NAT_for_VE_with_private_IPs)

Have you read this article? May be it would be useful for your case.

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Subject: Re: Need help with networking

Posted by [kshade](#) on Wed, 03 Oct 2007 10:35:27 GMT

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maratrus wrote on Wed, 03 October 2007

10:50[http://wiki.openvz.org/Using\\_NAT\\_for\\_VE\\_with\\_private\\_IPs](http://wiki.openvz.org/Using_NAT_for_VE_with_private_IPs)

Have you read this article? May be it would be useful for your case.

Ah, thanks a lot, that helped :)

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