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Subject: Re: Using NAT for VE with private IPs  
Posted by [kir](#) on Mon, 26 Feb 2007 06:44:17 GMT  
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Lloyd R. Prentice wrote:

> Hi,  
>  
> I'm closing in on my first successful install of a VE on openVZ but,  
> having trouble with network configuration.  
>  
> My hardware NODE is behind a firewall connected to a dsl modem.  
> DNSmasq on the firewall supplies a static IP to the hardware NODE.  
> Let's call it <hardwareNODE>.  
>  
> Following the instructions in:  
>  
> [http://wiki.openvz.org/Using\\_NAT\\_for\\_VE\\_with\\_private\\_IPs](http://wiki.openvz.org/Using_NAT_for_VE_with_private_IPs)  
>  
> ...I issued the following command to the hardware NODE:  
>  
> iptables -t nat -A POSTROUTING -s 172.16.0.0/255/255/255/0 -o eth0 -j  
> SNAT --to <hardwareNODE>  
>  
> Then I entered:  
>  
> iptables -t nat -A POSTROUTING -o eth0 -j SNAT --to <hardwareNODE>  
>  
> Finally, since my system didn't hve the file /etc/modprobe.conf, I  
> issued the following at the commandline:  
>  
> modprobe ip\_contrack ip\_contrack\_enable\_ve0=1  
>  
> Then I rebooted  
Oops. Why a reboot?

All the iptables commands, and modprobe as well, are not taking effect after the reboot. In order to make them persistent, you have to put those in some startup script.

> , entered a VE and tested by issuing:  
>  
> apt-get update.  
>  
> The system failed resolve the addresses in sources.list.  
>  
> I double checked that I had entered:  
>  
> vzctl set 777 --ipadd 172.16.0.1 --save  
>

> ...which I had.  
>  
> Any ideas, please, of what I'm doing wrong, or need to do to diagnose  
> and solve the problem?  
>  
>  
> Many thanks,  
>  
> Lloyd R. Prentice  
>  
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>

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