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Subject: **\*SOLVED\*** ports and port forwarding  
Posted by [mora](#) on Thu, 08 Feb 2007 23:38:29 GMT  
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Hello  
i have two easy questions ...  
i tried the manual and it seems very difficult to me to apply  
i tried portforwarding explained here but that didn't work

i have the HN with this ip 71.1.2.3  
and VE 101 with ip 10.0.0.5

i want all connections made on the HN except for the ssh port which is 8091 to be forwarded to VE 101

and i want these changes permanent after reboot

please provide me with the exact commands  
thank you very very much

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Subject: Re: ports and port forwarding  
Posted by [mora](#) on Sun, 11 Feb 2007 19:01:48 GMT  
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Hello  
anybody would really help me please ?

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Subject: Re: ports and port forwarding  
Posted by [Vasily Tarasov](#) on Mon, 12 Feb 2007 10:44:34 GMT  
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Hello,

I will help you this time, but I want to notice, that your question is not OpenVZ related. Therefore this is not the right place where to ask such questions. So, don't be offended on lack of answers on your post.

I will explain everything, assuming that you use RedHat/CentOS. For other distributions it should not be much different. So, if iptables is installed on your node, you should create file /etc/sysconfig/iptables with the following contents:

```
# Generated by iptables-save v1.2.11 on Mon Feb 12 13:04:04 2007
*nat
```

```
:PREROUTING ACCEPT [1033:152955]
:POSTROUTING ACCEPT [6:649]
:OUTPUT ACCEPT [5:589]
-A PREROUTING -d 192.168.3.184 -i eth1 -p tcp -m tcp --dport 22 -j ACCEPT
-A PREROUTING -d 192.168.3.184 -i eth1 -j DNAT --to-destination 10.0.0.5
-A POSTROUTING -s 10.0.0.5 -o eth1 -j SNAT --to-source 192.168.3.184
COMMIT
# Completed on Mon Feb 12 13:04:04 2007
# Generated by iptables-save v1.2.11 on Mon Feb 12 13:04:04 2007
*mangle
:PREROUTING ACCEPT [18349:1826391]
:INPUT ACCEPT [17920:1776389]
:FORWARD ACCEPT [17:3326]
:OUTPUT ACCEPT [7922:1202714]
:POSTROUTING ACCEPT [7939:1206040]
COMMIT
# Completed on Mon Feb 12 13:04:04 2007
# Generated by iptables-save v1.2.11 on Mon Feb 12 13:04:04 2007
*filter
:INPUT ACCEPT [17920:1776389]
:FORWARD ACCEPT [17:3326]
:OUTPUT ACCEPT [7922:1202714]
COMMIT
```

192.168.3.184 - IP address of HN

10.0.0.5 - IP address of VE

22 - port, which sshd is running on. According to your message it is 8091 for you.

Then do

```
# service iptables restart
```

For further information read manuals on [netfilter.org](http://netfilter.org)

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Subject: Re: ports and port forwarding  
Posted by [mora](#) on Mon, 12 Feb 2007 16:53:50 GMT  
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hello

im sorry for this but forgive that im not familiar with iptables rules

i have the following problem

i created a new VE and assigned a real ip , my resolver ip to it  
i started the vps and i can ping google.com

i changed the real ip in the conf file to 10.0.0.5 and restarted the ve and when i ssh to 10.0.0.5 and run ping google.com i get ping: unknown host google.com

however my /etc/resolv.conf file is the same in both cases  
should i change the ip in the nameserver value in the resolv.conf when i put a virtual and not a real ip ?

my os in node and ve is centos 4

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Subject: Re: ports and port forwarding

Posted by [Vasily Tarasov](#) on Mon, 12 Feb 2007 21:29:26 GMT

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Hello,

The answer on this question is also iptables related. So, you see, how important this tool is for networking. Please, find time to study it a little

If you assign private IP address to VE you should use NAT to give this VE an access to Internet. Look at this article: [http://wiki.openvz.org/Using\\_NAT\\_for\\_VE\\_with\\_private\\_IPs](http://wiki.openvz.org/Using_NAT_for_VE_with_private_IPs)

HTH,  
Vasily

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Subject: Re: ports and port forwarding

Posted by [mora](#) on Mon, 12 Feb 2007 23:30:58 GMT

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Thanks  
this have been solved

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