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Subject: port forwarding if using bridge

Posted by [hkendusers](#) on Mon, 28 Jul 2014 12:01:54 GMT

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Hi all,

I have googled and search in forum, but seems no solution.

Currently I am using port forwarding on OpenVZ according to [openvz.org/Using\\_NAT\\_for\\_container\\_with\\_private\\_IPs](http://openvz.org/Using_NAT_for_container_with_private_IPs) and it is working fine.

e.g.:

```
iptables -t nat -A PREROUTING -p tcp --dport 1234 -j DNAT --to IP_ADDRESS:2345
```

And now I am testing to use bridge network according to [openvz.org/Virtual\\_Ethernet\\_device](http://openvz.org/Virtual_Ethernet_device)

It is working fine too. However I would like to know how I could also use port forwarding for this container with bridged network?

For details network:

Hardware node IP: 12.34.56.78 (eth0), 78.90.12.34(vzbr0)

Container 101 IP: 12.34.56.100 (non bridged network)

Container 102 IP: 78.90.12.100 (bridged network)

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Subject: Re: port forwarding if using bridge

Posted by [hkendusers](#) on Mon, 04 Aug 2014 02:38:26 GMT

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Hello, could anyone help?

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Subject: Re: port forwarding if using bridge

Posted by [devonblzx](#) on Wed, 06 Aug 2014 00:14:20 GMT

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I haven't yet tried with the veth devices but have you tried a solution using ebtables?

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Subject: Re: port forwarding if using bridge  
Posted by [hkendusers](#) on Wed, 06 Aug 2014 07:01:54 GMT  
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Thanks Devonblzx,

Sorry that I never use ebtables and I am not familiar with it

Can it be used together with iptables? Or I need to change all my iptables ruleset to ebtables?

Would you give me some hints for it?

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Subject: Re: port forwarding if using bridge  
Posted by [devonblzx](#) on Wed, 06 Aug 2014 17:03:24 GMT  
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ebtables runs alongside iptables and is for bridges. I'd suspect that the syntax is very similar but you may need to use the MAC address of the veth device instead of the IP address like you would with venet/iptables.

There are examples on their site you can review:  
<http://ebtables.sourceforge.net/examples/basic.html>

You're going to have to do some fooling around with it if noone else here can help but be sure to share your input here or consider writing a page on the wiki if you find some things out.

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