
Subject: Re: How to assign a public IP to a VE ? (SOLVED)

Posted by [U.Mutlu](#) on Sun, 30 Oct 2011 12:12:51 GMT

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Problem solved!

(problem was how to assign a public IP to a VE)

It was a firewall issue on the HN, because in my firewall script the default iptables target for FORWARD was set to DROP. After changing this to ACCEPT things work fine.

(now I must recheck my security guidelines on whether and which other implications this change can have...)

I.e. the solution was to change this from

```
iptables -P FORWARD DROP
```

to

```
iptables -P FORWARD ACCEPT
```

(for testing one can of course also completely disable the iptables firewall)

And do not assign the IP in question to the HN, rather just let it assign/manage by vzctl when it creates/starts the VE.

This solution uses the default venet0 only, i.e. no veth, no bridging etc., no "source routing via kernel routing table" etc., not even any additional normal routing! :-)
(Beware: there is much garbage info floating around on the net about the venet0 device; maybe this is due to very old versions of vzctl used...)

My environment:

HN: Debian 6 (squeeze), but using a newer vzctl from either the upcoming Debian 7 (wheezy/testing)

or from <http://download.openvz.org/utils/vzctl/current/>; I've vzctl version 3.0.29.3.

Kernel: 2.6.32-5-openvz-amd64 (linux-image-2.6.32-5-openvz-amd64 from the debian repository)

VE: debian-6.0-i386-minimal from <http://wiki.openvz.org/Download/template/precreated>
(I so far tested only this one, the other ones should work too I think)

People still having problems setting up openvz can contact me (help @ mutluit.com) if having a similar environment (i.e. Debian 6 on HN+VE, using venet, not veth), maybe I can help if time permits...

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