
Subject: Network setup how to do it.

Posted by [michaelvv](#) on Tue, 18 Aug 2009 03:15:37 GMT

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Hi ...

I'm told to make this setup would it be possible.... I want 2 openvz containers how should i do the setup...

Due to my limited network experience in this special case please guide me with a

setup for :

/etc/network/interfaces on Host

and how should i configure the containers bridge or nat...

Want i want to do.

The containers should be able to ping the HOST and each other and should be able to connect to the gateway.

Is it possible ???

The 192.168.1 range is a WAN ip of course...

Host 'Debian Proxmox'

ip : 192.168.1.106

subnet : 255.255.255.0

gateway : 192.168.1.105

Container 1 VEID [101] 'Centos 5.2'

ip : 192.168.1.146

Default Gateway : 192.168.1.145

Subnet Mask : 255.255.255.252

Container 2 VEID [102] 'Centos 5.2'

ip : 192.168.1.150

Default Gateway : 192.168.1.149

Subnet Mask : 255.255.255.252

Thanks.

/Michael

Subject: Re: Network setup how to do it.
Posted by [maratrus](#) on Wed, 19 Aug 2009 14:42:07 GMT
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Hi,

why do you want to use different gateways for different VEs?
Is it a vital request?
In this case I'd recommend you to use veth in bridge mode.

<http://wiki.openvz.org/Veth>

http://wiki.openvz.org/Veth#Virtual_Ethernet_devices_can_be_joined_in_one_bridge

Subject: Re: Network setup how to do it.
Posted by [michaelv](#) on Thu, 20 Aug 2009 12:00:02 GMT
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Hi Maratrus...

Yes it's a requirement from the HOSTING company..

The Firm where i work has a customer who had
severe DDOS and they are moving behind blacklotus.net..

They have this requirement and they do not support OPENVZ
so we are pretty lost...

The box is a Proxmox server and yesterday we where so desperate
that we had an offer 500\$ for a working setup , but no
useful surgessions....

I have read the WIKI's and things seems to work i just have
a big problem now....

When i try to connect from INTERNET to the CT i hit the HOST.

Do you have a solution to this ????

A little info...

/Michael

The Proxmox PVE is debian based ,i know you know ..
I give you 3 configurations files here :

/etc/network/interfaces [HOST]

```
auto lo
iface lo inet loopback

iface eth0 inet manual

auto vmbr0
iface vmbr0 inet static
    address 192.168.1.106
    netmask 255.255.255.0
    gateway 192.168.1.216
    bridge_ports eth0
    bridge_stp off
    bridge_fd 0
    up route add -host 192.168.1.146 dev vmbr0
    up route add -host 192.168.1.166 dev vmbr0
```

/etc/rc.d/rc.local [VE 101]

```
ifconfig eth0 192.168.1.146/30
ip route add 192.168.1.106 dev eth0
ip route add 192.168.1.166 dev eth0
ip route add 192.168.1.216 dev eth0
route add default gateway 192.168.1.216
```

Subject: Re: Network setup how to do it.
Posted by [maratrus](#) on Sun, 30 Aug 2009 08:16:50 GMT
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Hi Michael,

as far as I understand, the first problem was solved and you coped with general network configuration i.e. you configured everything you wanted to do. So, the second problem appeared,
Quote:

When i try to connect from INTERNET to the CT i hit the HOST.

It's a little bit strange request from my point of view because each of your VE has a PRIVATE ip addresses so no wonder they are invisible from outside. Assume that you have a router which has a few computers behind it (this configuration similar to HN<--->VEs). A router is reachable from outside but the internal computers are not. It's a common situation.

If you want to make a container to be visible from outside you can

- assign it a public ip address
- make a particular port be visible from Internet.

The way is described http://wiki.openvz.org/Nat#How_to_provide_access_from_Internet_to_a_container