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Subject: Academic Networking with OpenVZ  
Posted by [alevchuk](#) on Tue, 17 Jul 2007 08:47:12 GMT  
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Dear Development Team,

I am running  
kernel: 2.6.18-8.1.4.el5.028stab035.1  
vzctl: 3.0.18  
installed via yum on CentOS 4.5

I made the template from a fresh CentOS 5 hardware install.

We are trying to prepare a lab on networking for our Unix Administration class in University of California Riverside.

The assignment is to setup a network with 2 computers, where computer A will route all of it's outgoing packets to computer B, then computer B will forward the packets to the outside.

For that purpose I have a web interface where students can:

1. Create their own VEs. When created each VE has:
  - \* One public IP (it shows up in vzlist)
  - \* The venet0 network interface
2. Get extra IPs (vzctl set VEID --ipadd 192.168.1.X)
3. Get extra Network Interfaces (vzctl set VEID --netif\_add eth0)

The student then supposed to move the extra IP from venet0:1 to eth0.

It has been several attempts now.

We are failing get two VEs to communicate to each other via their eth0's

Can anyone help?

Alex Levchuk

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Subject: Re: Academic Networking with OpenVZ  
Posted by [Vasily Tarasov](#) on Tue, 17 Jul 2007 10:19:46 GMT  
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Can you post here the output of

ip r l

ip a l

on the HN and in two VEs you want to communicate.

Thanks,  
Vasily.

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Subject: Re: Academic Networking with OpenVZ  
Posted by [alevchuk](#) on Tue, 17 Jul 2007 15:30:27 GMT  
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Dear Vasily,

Here are the outputs.

Alex

#### File Attachments

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- 1) [ve122.txt](#), downloaded 412 times
  - 2) [ve123.txt](#), downloaded 381 times
  - 3) [hn.txt](#), downloaded 392 times
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Subject: Re: Academic Networking with OpenVZ  
Posted by [alevchuk](#) on Tue, 17 Jul 2007 16:09:17 GMT  
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ping 192.168.1.31  
works from HN  
works from VE 122  
but form VE 123 it gives:  
From 192.168.1.32 icmp\_seq=2 Destination Host Unreachable

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