Subject: Academic Networking with OpenVZ
Posted by alevchuk on Tue, 17 Jul 2007 08:47:12 GMT

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

Subject: Re: Academic Networking with OpenVZ
Posted by Vasily Tarasov on Tue, 17 Jul 2007 10:19:46 GMT

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.

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

1) ve122.txt, downloaded 421 times
2) ve123.txt, downloaded 391 times
3) hn.txt, downloaded 405 times

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