Subject: *RESOLVED* veth setup on startup
Posted by sideshowbob on Tue, 10 Oct 2006 12:56:45 GMT
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I'm working on setting up a veth only vps server, running on debian. Following the instructions on the wiki for veth setup, I'm able to get it all working, routing correctly, etc. Now I'm trying to get everything setup automatically at boot and with vzctl start.

I've modified the dists/scripts/debian-add_ip.sh to setup the proper eth0 inside the VE, but I've hit a snag on when to setup the vethX.0 devices in VE0. I don't know if this is by design, but I'm unable to create any vethX.0 devices in VE0 until at least one VE is running. After one is running, I can create all vethX.0 devices I need, but when one isn't running I just get:

ifconfig veth200.0 0
SIOCSIFADDR: No such device
veth200.0: ERROR while getting interface flags: No such device

The vzethdev module is loaded at all times. I notice that I am able to create the venet interface after loading vznetdev, with no vps running -- but not with veth.

This makes it hard to setup vethX.0 on VE0 in a 200.start script, because it doesn't seem to work until the vps is up, and eth0 is setup within it.

Is there a way to setup vethX.0 interfaces on VE0 before vps start? Or perhaps a better way?

Subject: Re: veth setup on startup
Posted by dim on Tue, 10 Oct 2006 13:35:34 GMT
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Did you check latest vzctl version (3.0.12-1)?
It contains vznetcfg script for veth setup...

Subject: Re: veth setup on startup
Posted by sideshowbob on Tue, 10 Oct 2006 17:16:35 GMT
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Thanks for the tip-I hadn't looked at that. (The most recent debian/testing package is 3.0.10-3.)
But when I look at the vznetcfg script, it appears to just do

/sbin/ifconfig ${dev} up

along with some usage. I know this already doesn't work for me (unless a vps is running) unless this script is called after the interface is up in the vps? I saw no evidence that the vznetcfg script is called in any rc scripts, unless vzctl itself does??

Is being unable to create the vethX.0 interfaces on VE0 until VE start the correct behavior? If this is the case, I can try to work out some other way... perhaps delaying the creation of vethX.0 in some way?

Subject: Re: veth setup on startup
Posted by sideshowbob on Tue, 10 Oct 2006 20:15:26 GMT
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Looks like I should have tried 3.0.12 before I complained about it It sets up the vethX.0 interfaces correctly. Thanks!