Subject: Re: Cannot Start VE - Unable to set capability: Operation not permitted
Posted by vaverin on Thu, 15 Nov 2007 09:37:58 GMT
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JFOC wrote on Thu, 15 November 2007 11:54[host-node] vzctl create 100
--ostemplate=debian-4.0-i386-minimal
[host-node] vzctl set 100 --ipadd 192.168.0.100 --save
[host-node] vzctl set 100 --nameserver 209.250.234.162 --save
[host-node] vzctl set 100 --hostname vps100 --save

I would note that it is enough for VE networking via venet interface
http://wiki.openvz.org/Virtual_network_device
veth interface is an alternative soulution, and you can not use it at all.
JFOC wrote on Thu, 15 November 2007 11:54[host-node] vzctl set 100 --netif_add
eth0,00:0C:29:08:EE:48 --save
[host-node] vzctl start 100
[host-node] ifconfig veth101.0 0
[host-node] echo 1 > /proc/sys/net/ipv4/conf/veth100.0/forwarding
[host-node] echo 1 > /proc/sys/net/ipv4/conf/veth100.0/proxy_arp
[host-node] echo 1 > /proc/sys/net/ipv4/conf/eth0/forwarding
[host-node] echo 1 > /proc/sys/net/ipv4/conf/eth0/proxy_arp
[host-node] vzctl enter 100

[ve-100] ifcfg eth0 0
[ve-100] ifconfig eth0 192.168.0.99
[ve-100] route add default eth0
[ve-100] exit

[host-node] route add 192.168.0.99 dev veth100.0

As I've explained above Veth interafce is not necessary, but
at this point you have configured veth interface too.

JFOC wrote on Thu, 15 November 2007 11:54[host-node] iptables -t nat -A POSTROUTING -o
eth0 -j SNAT --to 209.250.234.162

this rule means that all forwarded packets will have source ip=209.250.234.162. Is it your
hardware node's IP?

JFOC wrote on Thu, 15 November 2007 11:54[host-node] vzctl enter 100
[ve-100] ping jfoc.net --> the result is ping: unknown host jfoc.net

Above is an instruction i followed step-by-step, but still cannot access the Internet From VE
As far as I see you cannot translate jfoc.net name to IP. Are you sure that you have started
nameserver on your hardware node? If not -- you can set to VE the same nameserver that uses
your hardware node.

Then let's check the following:

- do you able to ping HW node from inside VE (by using its IP)?
- do you able to ping some external IP from inside VE?

thank you,
Vasily Averin