Subject: Re: VEs with different subnets
Posted by ugo123 on Mon, 02 Jul 2007 17:17:06 GMT
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finist wrote on Mon, 02 July 2007 12:08Thank you for the logs.
yes, my suggestion implied that 10.1.1.1 will route the packets from VEs also as it does for
Hardware Nodes.

Well, if you want to set up another gateway for VEs then just try source base routing as dev
already suggested.

/sbin/ip rule add from 87.98.196.135 table 10
/sbin/ip route add default dev eth0 via 87.98.196.129 table 10

This should do the trick i suppose. (you won't be forced to do this manually each time, when you
get the commands consequence required to get it work, you can create a script with these
commands).

If it won't work again, please, let me know, we'll think about the reasons. Or just provide an access
to the node, it will take much less time to undestand and eliminate the problem.

ugo123 wrote on Mon, 02 July 2007 16:19titan:~# vzctl exec 101 ip r l
192.0.2.0/24 dev venet0 scope host
169.254.0.0/16 dev venet0 scope link
default via 192.0.2.1 dev venet0
titan:~#

(I really don't get the 192.0.2.0/24 that I've just seen from the route....)

This IP 192.0.2.1 is fake one, it's not used, venet is just a point-to-point conenction, so all the
packets got to the venet0 inside a VE appeared on the venet0 interface on a Hardware Node and
are routed further according to the rules on Hardware Node.

Ok, thank you both again for you support (at least with Xen I sure had the network, but not the
support and the people behind) hahaha

Yes I don't want to use 10.1.1.1 as the gateway for the VE....
Because it would be a Single Point Of Failure for the whole network.... whereas the gateway of my
ISP is an huge backbone and is fully redondant in many ways...
But it's perfectly acceptable for providing Internet access to the HN (just for the upgrades)

I'm 99% sure that I've tried what you're suggesting, and that it blocked the network of the HN
where I've tried that. (as I told dev, I've already read and tried the Source Based Routing)

But I will try again and tell you if it works or not with your EXACT same lines.... but I actually can't
test it right now because I've locked the network of one of the HN by wrongfully trying to add the
veth device and the eth device to a same bridge (it locked the network too).

So now I need to go to the datacenter in order to reboot all of my hard failures
I will tell you ASAP (in about 2h) if it works or not with the Source Based Routing.

Thanks again.

Ugo