Subject: why i can't ping vps from the host?
Posted by greenflying2010 on Thu, 12 Aug 2010 07:14:07 GMT
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I create a vps on openvz. This vps has two network interfaces, one is venet0 ,venet0:0 and the other is eth0. The ipaddr of venet0:0 is 192.168.255.2, and the eth0 ipaddr is 10.202.0.242. The ipaddr of the openvz host is 192.168.255.254. From the host, i can ping the venet0:0 192.168.255.2, but why i can't ping the eth0 of vps 10.202.0.242????
I have start the ipv4 forwarding in vps and closed the firewall.
when i try the following command:
ping -I venet0 10.202.0.242
it appears an error like: ping: sendmsg: operation not permitted.
What's the problem??

thanks
b.guo

Subject: Re: why i can't ping vps from the host?
Posted by maratrus on Fri, 13 Aug 2010 11:35:58 GMT
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Most probably, there is something wrong with the routes.
Try to find out where the packet goes from the HN
("ip r l" should help you to answer this question).
I suppose the packet goes outside the HN and it is
dropped on the nearest switch. The problem is that
10.202.0.242 belongs to subnet that differs from
192.168.255.2.

Subject: Re: why i can't ping vps from the host?
Posted by greenflying2010 on Wed, 18 Aug 2010 01:52:11 GMT
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Thanks for you reply!
I have set the default gateway of HN to be 192.168.255.2, when i ping 10.202.0.242, the icmp request packets must be send to 192.168.255.2. I have set the ve's ipv4 routing, but why i can't ping 10.202.0.242?? The icmp request isn't sent to 10.202.0.242. Even in ve i can't get icmp request packets at the network interface venet0 using tcpdump. I know 10.202.0.242 belongs to subnet that differs from 192.168.255.2. But, it is easy to achieve using vmware in this case.
The matter most unblievable is that i can get icmp request packets (to 10.202.0.242) in HN but i can't get in ve using tcpdump. So i wonder if there are some problems about the gw 192.0.2.1 set by openvz??