Subject: About VE arp problem
Posted by nick_chang on Thu, 16 Apr 2009 07:02:37 GMT
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I want to use ipvsadm for load balancing web server
But ipvsadm check web service through arp check.

But VE don't have arp.
so, I can't load balancing web server.

Do you have any suggest can solve this problem??

Thanks for your help.

Nick

Subject: Re: About VE arp problem
Posted by maratrus on Thu, 16 Apr 2009 11:58:44 GMT
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Hello,

Quote:
But VE don't have arp.

Yes, venet0 is a NOARP interface but if an "arp who-has" request comes to HN it replies with "arp reply". So, I don't see any problem for the present.
Moreover, it's possible using veth interface.

Subject: Re: About VE arp problem
Posted by nick_chang on Fri, 17 Apr 2009 04:09:29 GMT
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My OpenVZ IP is 10.10.20.150
My VE IP is 10.10.20.141

I use arping 10.10.20.141 on OpenVZ machine.
It's a result:
arping 10.10.20.141
ARPING 10.10.20.141 from 10.10.20.150 eth0
Sent 30 probes (30 broadcast(s))
Received 0 response(s)

I can't received arp reply from 10.10.20.141.

I have see http://wiki.openvz.org/Virtual_Ethernet_device document.
I change venet0 to eth0 on VE.

Can you tell me why?

How to solve this problem??
Thanks

Subject: Re: About VE arp problem
Posted by maratrus on Fri, 17 Apr 2009 09:50:31 GMT
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Hi,

Quote:
ARPING 10.10.20.141 from 10.10.20.150 eth0

this is a normal behavior. As I said before HN replies instead of the VE to be able to handle network packets coming to VE (have a look at "arp -n" output on the HN). This is a sensible behavior not only in case of OpenVZ. Suppose you have a machine that is able to proxy arp requests. When arp-request is coming to such a machine it replies with its own mac address (but actually it transmitted arp-request further). Why doesn't such behavior fit you?
