Subject: Re: quagga on openvz _HELP
Posted by max.havoc on Sat, 17 Apr 2010 05:47:41 GMT
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I have a working test scenario that simulates three OSPF ASBR routers.
One,I created an ASBR router on the Node itself.
The other two,are virtual ASBR routers.(VE 111 and VE 112)
I used an Ethernet bridge at first,but was unable to get "hello" packets to transverse the bridge to a VE.
I then switched to non-bridged VETH adapters,and things began to work.

This is an example of my Node server's TCPDUMP file.

[root@dweezil ~]# tcpdump -i veth111.0
tcpdump: verbose output suppressed, use -v or -vv for full protocol decode
listening on veth111.0, link-type EN10MB (Ethernet), capture size 96 bytes
18:29:20.886530 IP 192.168.111.1 > OSPF-ALL.MCAST.NET: OSPFv2, Hello, length: 44
18:29:27.213365 IP 192.168.11.254 > OSPF-ALL.MCAST.NET: OSPFv2, Hello, length: 44
18:29:30.887200 IP 192.168.111.1 > OSPF-ALL.MCAST.NET: OSPFv2, Hello, length: 44
18:29:37.213789 IP 192.168.11.254 > OSPF-ALL.MCAST.NET: OSPFv2, Hello, length: 44

As you can see,I am receiving "hello" packets from VE 111(192.168.111.1) and the Node is sending its packets.(192.168.11.254)
The problem I am experiencing,is in the VE.

[root@moe /]# tcpdump -i eth0
tcpdump: verbose output suppressed, use -v or -vv for full protocol decode
listening on eth0, link-type EN10MB (Ethernet), capture size 96 bytes
15:32:27.233616 IP 192.168.11.254 > 224.0.0.5: OSPFv2, Hello, length: 44
15:32:30.900710 IP moe > 224.0.0.5: OSPFv2, Hello, length: 44
15:32:37.234282 IP 192.168.11.254 > 224.0.0.5: OSPFv2, Hello, length: 44
15:32:40.901408 IP moe > 224.0.0.5: OSPFv2, Hello, length: 44

Here,the VE is only sending multicast packets,and not translating its IP address.
Yet,I can see "hello" packets coming from the Node.
You say SNMP is not pulling OSPF info.
Have you performed a "dump" and get the same results?(I do not know specifics of your OSPF scenario)
It does not matter whether OSPF is set to "broadcast" or "point to point".
I known I have a workable OSPF configuration in the real world,but this has me a little stumped.

Cheers