Subject: Dynamic Routing from inside VE
Posted by seanfulton on Mon, 07 Apr 2008 17:30:16 GMT
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I posted this before but got no response. I took two months off, came back, redid everything from scratch and it still won't work.

Here is the deal: I have a CENTOS 4 VE running on a CENTOS 5 HN. The HN has two LAN interfaces, XXX.XXX.38.XXX and XXX.XXX.39.XXX. I removed the venet config from the VE (VE101) and configured it to use VETH. I went *inside* the VE and assigned it an IP in the XXX.XXX.40.XXX block. I created a static route in the VE for default to use eth0, and I created a static route on the HN to the VE through VETH101.0.

I can ping from the VE to the Internet and from the Internet into the VE.

HOWEVER, I want to run quagga inside the VE to add additional IP addresses to the VE. The plan is to have a fail-over VE configuration on another HN and I need to have the two VEs "see" each other and pass an IP address back and forth. VENET requires the HN to pass the IP, which I don't want.

The PROBLEM is that Quagga can't exchange routes with the VE.

I have the same version of Quagga running on all our servers and they exchange routes fine. I am using essentially the same config within the VE.

Still, the routes are not being exchanged between the quagga inside the VE and quagga on the HN. The only way to send traffic to a virtual IP in the VE is to put a static route on the HN>.

Any ideas please? Someone must have gotten quagga working in a VE, right?

sean