Subject: Multicast Routing between VE0 and VE
Posted by moof on Fri, 04 Aug 2006 07:11:17 GMT
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How would one route multicast packets from a VE0 interface to a VE (veth or venet interface).

Thanks

Subject: Re: Multicast Routing between VE0 and VE
Posted by Vasily Tarasov on Fri, 04 Aug 2006 07:49:51 GMT
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There are two possible solutions:

1) Use veth device not venet
2) Give real device to the VE

Goog luck!

Subject: Re: Multicast Routing between VE0 and VE
Posted by moof on Fri, 04 Aug 2006 16:12:41 GMT
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I have setup a veth interface, and have recompiled the kernel with the extra MULTICAST support. I have also setup routes for the multicast subnet on both the VE0 and VE. I have VE0 receiving multicast from outside eth0, however I can't get them to pass to the VE.

I also notice that the VE does not respond to ping broadcasts from VE0.

I've seen some references on the web to run a daemon, such as mrouted or pimd, though I have yet to find anything current.

Subject: Re: Multicast Routing between VE0 and VE
Posted by moof on Sat, 05 Aug 2006 01:00:32 GMT
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It appears that I need to run a daemon to handle the multicast routing. smcroute (http://www.cschill.de/smcroute/) looks to be my best bet.

When I try and run smcroute on the VE0 such as:

./smcroute -a eth0 192.168.1.1 224.0.0.251 veth101.0

I get:

daemon error: Warn: invalid output interface

I'm guessing that this has to do with the virtual nature of the veth device. I took a look at the code but it is quite cryptic to me at this point. Would this be something I could submit as a bug?

Thanks
