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Subject: Re: Using multicast in virtual servers

Posted by [dev](#) on Wed, 26 Sep 2007 07:13:06 GMT

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Daniel Pittman wrote:

> Kirill Korotaev <[dev@sw.ru](mailto:dev@sw.ru)> writes:

>

>

>>Is the same setup working without openvz? Have you used multicast  
>>before? Multicast is a bit complex to set up, requires support from  
>>routers/switches etc., so this might well be not openvz-related. But  
>>we setting up this test case right now to check ourselves.

>>

>>Can you please also provide a bit more information about your  
>>configuration like whether you use bridge for veth-eth0 traffic  
>>bridging or routed networking, any configuration options (including  
>>sysctl) you used/changed etc.?

>

>

> One thing that is worth noting: I found a bug in the ... veth code, I  
> think, where it wouldn't pass a multicast packet through. The code  
> checked with the 'is\_broadcast' flag, for a matching mac, and assumed  
> that anything else was not for this host.

plz make sure you really use and look at the sources of 028stab039 kernel.

this check in veth\_xmit() was fixed in 028stab034 with this commit:

<http://git.openvz.org/?p=linux-2.6.18-openvz;a=commitdiff;h=993241dcdcf8ae22d339e08ed78db6e9760b1d89>

>

> Perhaps this is a similar issue? I can try to dig out the fault report  
> if it helps, but at the time it was simply changing is\_broadcast to  
> include an is\_multicast test on the Ethernet MAC.

and it started to work?

Thanks,  
Kirill

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