
Subject: Re: [RFC] L3 network isolation : broadcast
Posted by [Vlad Yasevich](#) on Thu, 14 Dec 2006 15:14:32 GMT
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Daniel

Thanks. I think I just now found all this in the code (too much code to look at :)

Daniel Lezcano wrote:

[snip]

>

>>

>> If yes, then below approach will work. If no, then we'll need

>> something else

>> since both L2s should get the packet in their own right.

>

> It is a critical path for broadcast and multicast incoming traffic,

> should I implement this approach and we try to optimize that later ?

>

>>> The solution I see here is:

>>>

>>> if namespace is I3 then;

>>> net_ns match any net_ns registered as listening on this address

>>> else

>>> net_ns_match

>>> fi

>>>

>>> The registered network namespace is a list shared between brothers I3

>>> namespaces. This will add more overhead for sure. Does anyone have

>>> comments on that or perhaps a better solution ?

In the above solution, you'll need to account for wildcard binds as well.

So, for I3, a match is (!rcv_saddr || rcv_saddr == loc_addr).

Should be easy enough with the right arguments. My suggestion is to make broadcast case use a different match macro/function.

-vlad

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Containers@lists.osdl.org

<https://lists.osdl.org/mailman/listinfo/containers>
