

Daniel Lezcano <dlezcano@fr.ibm.com> writes:

> Eric W. Biederman wrote:

>> Daniel Lezcano <dlezcano@fr.ibm.com> writes:

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>>> The following patches activate the multicast sockets for  
>>> the namespaces. The results is a traffic going through different  
>>> namespaces. So if there are several applications  
>>> listening to the same multicast group/port, running in  
>>> different namespaces, they will receive multicast packets.

>>

>> At a first glance this feels wrong. I don't see any per  
>> namespace filtering of multicast traffic. Unless the  
>> multicast traffic is routed/bridged between namespaces  
>> it should be possible to send multicast traffic in one  
>> namespace and listen for that same traffic in another  
>> namespace and not get it.

>

> The described behavior is the case were the namespaces are communicating via  
> veth like:

>

> eth0

> |

> | ----- nsA

> veth0 <--|--> veth1 |

> |

> |

> | -----nsB

> veth2 <--|--> veth3 |

> |

>

>

> If an application is listening in nsA and nsB. And if in nsA, an application  
> sends multicast traffic, both will receive the packets because they are routed  
> by the pair device.

> As you said this is the correct behavior, if we have two machines hostA and  
> hostB in the same network and both are listening on the multicast address and if  
> an application on hostA send multicast packets, both should receive the  
> multicast packets.

> If the traffic is not routed, multicast will not pass through the namespaces.

>

> The description I gave in the patchset introduction was to describe such  
> behavior which is, IMHO, important for inter-container communication.

> Perhaps, I should have not gave this description which seems to sow confusion in

> mind, sorry for that.

>

> Anyway, I hope the patchset is ok :)

Sounds more reasonable. I didn't see the second patch when I replied which was part of the reason I was worried. So at least at first glance that patchset looks reasonable.

Thanks,  
Eric

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Containers mailing list  
Containers@lists.linux-foundation.org  
<https://lists.linux-foundation.org/mailman/listinfo/containers>

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