
Subject: Re: net namespace plans for 2.6.25 (was Re: Pid namespaces problems)
Posted by [Pavel Emelianov](#) on Thu, 08 Nov 2007 13:58:13 GMT

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Daniel Lezcano wrote:

> Denis V. Lunev wrote:

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> >> Denis V. Lunev wrote:

> >>> Daniel Lezcano wrote:

> >>>

> >>>> * the first one is the locking of the network namespace list by

> >>>> rtnl_lock, so from the timer callback we can not browse the network

> >>>> namespace list to check the age of the routes. It is a problem I would

> >>>> like to talk with Denis if he has time

> >>> From my point of view, the situation is clear. The timer should be

> >>> per/namespace. The situation is completely different as one in IPv4.

> >> We thought to make a timer per namespace for ipv6, but we are a little

> >> afraid for the performances when there will be a lot of containers.

> >> Anyway, we can do a timer per namespace and optimize that later. I will

> >> cook a new patch to take into account that for the next week.

> >

> > IMHO not a problem. tcp_write_timer is per/socket timer. If this works

> > efficiently, per/namespace one will work also.

>

> That's right, this is a good argument. By the way, the amount of work to

> be done in the tcp_write_timer is perhaps smaller than the one done in

> the ipv6 routing age check, no ? Anyway, I'm not against a timer per

> namespace in this case, I already did a try before rolling back to a

> for_each_net in the gc timer, that changes a little the API, but nothing

We can easily make the netns list rcu protected to address this issue.

If you're interested, I can prepare a patch tomorrow.

> we can handle easily.

>

>

Containers mailing list

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<https://lists.linux-foundation.org/mailman/listinfo/containers>
