
Subject: Re: [patch 2/2][NETNS][RFD] use dst_entries to retrieve the network namespace pointer

Posted by [den](#) on Wed, 12 Dec 2007 09:26:57 GMT

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Daniel Lezcano wrote:

> Denis V. Lunev wrote:

>> Daniel Lezcano wrote:

>>> The objective we have is to remove the fl_net field from the struct

>>> flowi.

>>>

>>> In the previous patch, we make the network namespace to go up to the

>>> dst_entry.

>>> This patch makes an example in how we can use the dst_entry/rtable

>>> combined with

>>> a container_of to retrieve the network namespace when we have the

>>> flowi parameter.

>>>

>>> One restriction is we should pass always a flowi parameter coming

>>> from a struct

>>> dst_entry.

>> this is an obfuscation IMHO. You use rtable instead of flowi, so

>> - rtable obtain flowi meaning and keeps original meaning

>> - stack usage is increased

>

> Yes, you are right. Using container_of is not a good idea finally.

>

>> So, for the case, I think it is better to have an additional parameter

>> on IP route output path. (There is a device on the input one).

>

> I thought that at the beginning, but I was not inclined to change

> exported functions API, so I looked a way to avoid that but I failed

> miserably :)

> Obviously, the ip route output path extra parameter is the cleanest way

> to introduce the network namespace pointer in the routing code. So why

> not ?

>

Daniel,

I am in somewhere near the end of routing back-end namespacing, so could you wait a bit till I send it to Dave. I think this could be done just after Pavel's set will be committed (netns_ipv4 is needed :)

Regards,

Den

Containers mailing list

