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

Posted by [Daniel Lezcano](#) on Wed, 12 Dec 2007 09:03:17 GMT

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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 ?

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