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Subject: Re: [PATCH 03/16] net: Basic network namespace infrastructure.  
Posted by [davem](#) on Wed, 12 Sep 2007 09:52:44 GMT  
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From: ebiederm@xmission.com (Eric W. Biederman)  
Date: Sat, 08 Sep 2007 15:15:34 -0600

>  
> This is the basic infrastructure needed to support network  
> namespaces. This infrastructure is:  
> - Registration functions to support initializing per network  
> namespace data when a network namespaces is created or destroyed.  
>  
> - struct net. The network namespace data structure.  
> This structure will grow as variables are made per network  
> namespace but this is the minimal starting point.  
>  
> - Functions to grab a reference to the network namespace.  
> I provide both get/put functions that keep a network namespace  
> from being freed. And hold/release functions serve as weak references  
> and will warn if their count is not zero when the data structure  
> is freed. Useful for dealing with more complicated data structures  
> like the ipv4 route cache.  
>  
> - A list of all of the network namespaces so we can iterate over them.  
>  
> - A slab for the network namespace data structure allowing leaks  
> to be spotted.  
>  
> Signed-off-by: Eric W. Biederman <ebiederm@xmission.com>

I realize there are some discussions about naming and fixing  
some races, but I applied this anyways so we can make some  
forward progress.

We can make name changes and fixes on top of this initial work.

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

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