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Subject: Re: [patch -mm 1/5] mqueue namespace : add struct mq\_namespace  
Posted by [ebiederm](#) on Tue, 02 Oct 2007 10:59:35 GMT  
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Cedric Le Goater <clg@fr.ibm.com> writes:

> Hello Kirill,  
>  
> Kirill Korotaev wrote:  
>> Cedric,  
>>  
>> how safe does it intersect with netlinks from network namespace?  
>> I see mqueues can send netlink messages, have you checked how safe it is?  
>  
> a ref is taken on the 'struct sock' in the mq\_notify() syscall and the  
> skbuff which will be send to notify the user is also allocated in the  
> mq\_notify() syscall. So we should be in the same net namespace when we  
> register the notification and when we notify.  
>  
> I hope the net guys can confirm or we will easily check in the next  
> -lxc patchset which will merge this patchset with netns.  
>  
> however, we have an issue with the signal notification in \_\_do\_notify()  
> we could kill a process in a different pid namespace.

So I took a quick look at the code as it is (before this patchset)  
and the taking a reference to a socket and the taking a reference to  
a struct pid should do the right thing when we intersect with other  
namespaces. It certainly does not look like a fundamental issue.

In practice the patchset as written does conflict with the network  
namespace work in the net-2.6.24 tree so some adjustments will need  
to be made.

Eric

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Containers mailing list  
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