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Subject: Re: [PATCH] allow a task to join a pid namespace  
Posted by [Daniel Lezcano](#) on Tue, 05 Jun 2012 09:36:21 GMT  
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On 06/04/2012 03:33 PM, Glauber Costa wrote:

> Currently, it is possible for a process to join existing  
> net, uts and ipc namespaces. This patch allows a process to join an  
> existing pid namespace as well.  
>  
> For that to remain sane, some restrictions are made in the calling process:  
>  
> \* It needs to be in the parent namespace of the namespace it wants to jump to  
> \* It needs to sit in its own session and group as a leader.  
>  
> The rationale for that, is that people want to trigger actions in a Container  
> from the outside. For instance, mainstream linux recently gained the ability  
> to safely reboot a container. It would be desirable, however, that this  
> action is triggered from an admin in the outside world, very much like a  
> power switch in a physical box.  
>  
> This would also allow us to connect a console to the container, provide a  
> repair mode for setups without networking (or with a broken one), etc.

Hi Glauber,

I am in favor of this patch but I think the pidns support won't be complete and some corner-cases are not handled.

May be you can look at Eric's patchset [1] where, IMO, everything is taken into account. Some of the patches may be already upstream.

Thanks  
-- Daniel

[1]  
<http://git.kernel.org/?p=linux/kernel/git/ebiederm/linux-nam-espac-control-devel.git;a=summary>

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