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Subject: Re: [PATCH 2/2] hijack: update task\_alloc\_security  
Posted by [serue](#) on Tue, 27 Nov 2007 16:01:27 GMT  
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Quoting Casey Schaufler (casey@schaufler-ca.com):

>  
> --- Mark Nelson <markn@au1.ibm.com> wrote:  
>  
> > Subject: [PATCH 2/2] hijack: update task\_alloc\_security  
> >  
> > Update task\_alloc\_security() to take the hijacked task as a second  
> > argument.  
>  
> Could y'all bring me up to speed on what this is intended to  
> accomplish so that I can understand the Smack implications?

It's basically like ptracing a process, forcing it to fork, then having the child execute a file and continue as your child. It takes part of its state from the current process (stack etc), some from the hijacked process (namespaces, keys?), and an lsm can decide for itself whose ->security should be used for the child process.

There are a few reasons to do this. One is to do an admin activity inside a private namespace, i.e. doing a new mount in a vserver in which only websphere is running.

Paul has another use for it - basically (iiuc) wanting to be able to keep a set of namespaces around which he can always enter. For mounts namespaces that can be accomplished independent of hijack by setting up a private mount tree and pivot\_root()ing into there. But for other namespaces that isn't an option.

thanks,  
-serge

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

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