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Subject: [PATCH] Update get\_net\_ns\_by\_pid  
Posted by [ebiederm](#) on Fri, 28 Sep 2007 03:48:20 GMT  
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In the -mm tree the rules for access an nsproxy have changed,  
and in get\_net\_ns\_by\_pid we access the nsproxy, so update  
it to follow the new rules.

Signed-off-by: "Eric W. Biederman" <[ebiederm@xmission.com](mailto:ebiederm@xmission.com)>

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```
diff --git a/net/core/rtnetlink.c b/net/core/rtnetlink.c
index 739fbad..1caba10 100644
--- a/net/core/rtnetlink.c
+++ b/net/core/rtnetlink.c
@@ -746,10 +746,10 @@ static struct net *get_net_ns_by_pid(pid_t pid)
        rcu_read_lock();
        tsk = find_task_by_pid(pid);
        if (tsk) {
-            task_lock(tsk);
-            if (tsk->nsproxy)
-                net = get_net(tsk->nsproxy->net_ns);
-            task_unlock(tsk);
+            struct nsproxy *nsproxy;
+            nsproxy = task_nsproxy(tsk);
+            if (nsproxy)
+                net = get_net(nsproxy->net_ns);
        }
        rcu_read_unlock();
        return net;
```

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Containers mailing list  
[Containers@lists.linux-foundation.org](mailto:Containers@lists.linux-foundation.org)  
<https://lists.linux-foundation.org/mailman/listinfo/containers>

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Subject: Re: [PATCH] Update get\_net\_ns\_by\_pid  
Posted by [serue](#) on Fri, 28 Sep 2007 23:13:54 GMT  
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Quoting Eric W. Biederman ([ebiederm@xmission.com](mailto:ebiederm@xmission.com)):

>  
> In the -mm tree the rules for access an nsproxy have changed,  
> and in get\_net\_ns\_by\_pid we access the nsproxy, so update  
> it to follow the new rules.  
>  
> Signed-off-by: "Eric W. Biederman" <[ebiederm@xmission.com](mailto:ebiederm@xmission.com)>

Yup, looks right.

I assume Pavel's Acked-by would actually matter, but still

Acked-by: Serge Hallyn <serue@us.ibm.com>

thanks,  
-serge

```
> ---
>
> diff --git a/net/core/rtnetlink.c b/net/core/rtnetlink.c
> index 739fbad..1caba10 100644
> --- a/net/core/rtnetlink.c
> +++ b/net/core/rtnetlink.c
> @@ -746,10 +746,10 @@ static struct net *get_net_ns_by_pid(pid_t pid)
>  	rcu_read_lock();
>  	tsk = find_task_by_pid(pid);
>  	if (tsk) {
> -		task_lock(tsk);
> -		if (tsk->nsproxy)
> -			net = get_net(tsk->nsproxy->net_ns);
> -		task_unlock(tsk);
> +		struct nsproxy *nsproxy;
> +		nsproxy = task_nsproxy(tsk);
> +		if (nsproxy)
> +			net = get_net(nsproxy->net_ns);
>  	}
>  	rcu_read_unlock();
>  	return net;
> _____
> Containers mailing list
> Containers@lists.linux-foundation.org
> https://lists.linux-foundation.org/mailman/listinfo/containers
```

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