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Subject: Re: PATCH -mm] fix create\_new\_namespaces() return value  
Posted by [Badari Pulavarty](#) on Mon, 11 Jun 2007 16:22:52 GMT  
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Cedric Le Goater wrote:

>The following patch modifies create\_new\_namespaces() to also use the  
>errors returned by the copy\_\*\_ns routines and not to systematically  
>return ENOMEM.

>

In my initial version, I did same. It doesn't work :(

copy\_\*\_ns() routines doesn't return any errors. All they return is NULL  
in case of a  
failure + with the exception of copy\_mnt\_ns, there are no other failure  
cases.

So, there is no way to find out why the copy\_\*\_ns() routines failed from  
create\_new\_namespaces().

If you really really want to do this, change all copy\_\*\_ns() routines to  
returns meaningful  
errors instead of NULL.

>  
>  
>Signed-off-by: Cedric Le Goater <clg@fr.ibm.com>  
>Cc: Serge E. Hallyn <serue@us.ibm.com>  
>Cc: Badari Pulavarty <pbadari@us.ibm.com>  
>Cc: Pavel Emelianov <xemul@openvz.org>  
>Cc: Herbert Poetzl <herbert@13thfloor.at>  
>Cc: Eric W. Biederman <ebiederm@xmission.com>  
>---  
> kernel/nsproxy.c | 23 ++++++-----  
> 1 file changed, 17 insertions(+), 6 deletions(-)  
>  
>Index: 2.6.22-rc4-mm2/kernel/nsproxy.c  
=====

>--- 2.6.22-rc4-mm2.orig/kernel/nsproxy.c  
>+++ 2.6.22-rc4-mm2/kernel/nsproxy.c  
>@@ -58,30 +58,41 @@ static struct nsproxy \*create\_new\_namesp  
> struct fs\_struct \*new\_fs)  
> {  
> struct nsproxy \*new\_nsp;  
>+ int err;  
>  
> new\_nsp = clone\_nsproxy(tsk->nsproxy);  
> if (!new\_nsp)  
> return ERR\_PTR(-ENOMEM);

```

>
> new_nsp->mnt_ns = copy_mnt_ns(flags, tsk->nsproxy->mnt_ns, new_fs);
>- if (IS_ERR(new_nsp->mnt_ns))
>+ if (IS_ERR(new_nsp->mnt_ns)) {
>+ err = PTR_ERR(new_nsp->mnt_ns);
> goto out_ns;
>+
>
> new_nsp->uts_ns = copy_utsname(flags, tsk->nsproxy->uts_ns);
>- if (IS_ERR(new_nsp->uts_ns))
>+ if (IS_ERR(new_nsp->uts_ns)) {
>+ err = PTR_ERR(new_nsp->uts_ns);
> goto out_uts;
>+
>
> new_nsp->ipc_ns = copy_ipcs(flags, tsk->nsproxy->ipc_ns);
>- if (IS_ERR(new_nsp->ipc_ns))
>+ if (IS_ERR(new_nsp->ipc_ns)) {
>+ err = PTR_ERR(new_nsp->ipc_ns);
> goto out_ipc;
>+
>
> new_nsp->pid_ns = copy_pid_ns(flags, tsk->nsproxy->pid_ns);
>- if (IS_ERR(new_nsp->pid_ns))
>+ if (IS_ERR(new_nsp->pid_ns)) {
>+ err = PTR_ERR(new_nsp->pid_ns);
> goto out_pid;
>+
>
> new_nsp->user_ns = copy_user_ns(flags, tsk->nsproxy->user_ns);
>- if (IS_ERR(new_nsp->user_ns))
>+ if (IS_ERR(new_nsp->user_ns)) {
>+ err = PTR_ERR(new_nsp->user_ns);
>
Hmm.. copy_user_ns() ? I don't see this in rc4-mm2.

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Thanks,  
Badari

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

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