
Subject: PATCH -mm] fix create_new_namespaces() return value

Posted by [Cedric Le Goater](#) on Mon, 11 Jun 2007 14:12:00 GMT

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The following patch modifies create_new_namespaces() to also use the errors returned by the copy_*_ns routines and not to systematically return ENOMEM.

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kernel/nsproxy.c | 23 ++++++++-----

1 file changed, 17 insertions(+), 6 deletions(-)

Index: 2.6.22-rc4-mm2/kernel/nsproxy.c

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--- 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))

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+ 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);
+ goto out_user;
+ }

return new_nsp;

@@ -99,7 +110,7 @@ out_uts:
put_mnt_ns(new_nsp->mnt_ns);
out_ns:
kfree(new_nsp);
- return ERR_PTR(-ENOMEM);
+ return ERR_PTR(err);
}

/*

```

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