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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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