
Subject: [PATCH 1/1] user namespace: fix copy_user_ns return value

Posted by [serue](#) on Tue, 17 Jul 2007 19:33:27 GMT

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From: Serge E. Hallyn <serue@us.ibm.com>

Date: Tue, 17 Jul 2007 15:28:17 -0400

Subject: [PATCH 1/1] user namespace: fix copy_user_ns return value

When a CONFIG_USER_NS=n and a user tries to unshare some namespace other than the user namespace, the dummy copy_user_ns returns NULL rather than the old_ns. This value then gets assigned to task->nsproxy->user_ns, so that a subsequent setuid, which uses task->nsproxy->user_ns, causes a NULL pointer deref.

Fix this by returning old_ns.

I believe this is a bug both in -mm and mainline.

Signed-off-by: Serge E. Hallyn <serue@us.ibm.com>

```
include/linux/user_namespace.h | 2 +-  
1 files changed, 1 insertions(+), 1 deletions(-)
```

```
diff --git a/include/linux/user_namespace.h b/include/linux/user_namespace.h
```

```
index bb32057..1101b0c 100644
```

```
--- a/include/linux/user_namespace.h
```

```
+++ b/include/linux/user_namespace.h
```

```
@@ -49,7 +49,7 @@ static inline struct user_namespace *copy_user_ns(int flags,  
if (flags & CLONE_NEWUSER)  
return ERR_PTR(-EINVAL);
```

```
- return NULL;
```

```
+ return old_ns;
```

```
}
```

```
static inline void put_user_ns(struct user_namespace *ns)
```

```
--
```

```
1.5.1.1.GIT
```

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