
Subject: Re: [RFC][PATCH 1/2] add user namespace [try #2]
Posted by [Cedric Le Goater](#) on Thu, 31 Aug 2006 12:36:15 GMT
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Cedric Le Goater wrote:

> Dave Hansen wrote:

>> On Mon, 2006-08-28 at 16:56 +0200, Cedric Le Goater wrote:

>>> + * Clone a new ns copying an original user ns, setting refcount to 1

>>> + * @old_ns: namespace to clone

>>> + * Return NULL on error (failure to kcalloc), new ns otherwise

>>> + */

>>> +static struct user_namespace *clone_user_ns(struct user_namespace

>>> *old_ns)

>>> +{

>>> + struct user_namespace *ns;

>>> +

>>> + ns = kcalloc(sizeof(struct user_namespace), GFP_KERNEL);

>>> + if (ns) {

>>> + int n;

>>> + struct user_struct *new_user;

>>> +

>>> + kref_init(&ns->kref);

>>> +

>>> + for(n = 0; n < UIDHASH_SZ; ++n)

>>> + INIT_LIST_HEAD(ns->uidhash_table + n);

>>> +

>>> + /* Insert new root user. */

>>> + ns->root_user = alloc_uid(ns, 0);

>>> + if (!ns->root_user) {

>>> + kfree(ns);

>>> + return NULL;

>>> + }

>>> +

>>> + /* Reset current->user with a new one */

>>> + new_user = alloc_uid(ns, current->uid);

>>> + if (!new_user) {

>>> + kfree(ns);

>>> + return NULL;

>>> + }

>> Does this leak the ns->root_user?

>

> arg !

>

> thanks,

Sorry, I forgot to include the fix.

C.

Signed-off-by: Cedric Le Goater <clg@fr.ibm.com>

kernel/user.c | 1 +
1 file changed, 1 insertion(+)

Index: 2.6.18-rc4-mm3/kernel/user.c

=====

--- 2.6.18-rc4-mm3.orig/kernel/user.c

+++ 2.6.18-rc4-mm3/kernel/user.c

@@ -125,6 +125,7 @@ static struct user_namespace *clone_user

/* Reset current->user with a new one */

new_user = alloc_uid(ns, current->uid);

if (!new_user) {

+ free_uid(ns->root_user);

kfree(ns);

return NULL;

}

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Containers@lists.osdl.org

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