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Subject: Fw: Re: [PATCH] Fix capability.c to work with threaded init  
Posted by [Sukadev Bhattiprolu](#) on Tue, 07 Aug 2007 21:31:32 GMT  
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Hi Pavel,

This patch seems to be missing from your most recent patchset.  
Do you want to include it in the set as a helper or should I  
just send this to Andrew separately ?

Suka

----- Forwarded message from sukadev@us.ibm.com -----

| Date: Fri, 3 Aug 2007 13:51:20 -0700  
| From: sukadev@us.ibm.com  
| To: Oleg Nesterov <oleg@tv-sign.ru>  
| Cc: Containers <containers@lists.osdl.org>, Pavel Emelianov <xemul@openvz.org>  
| Subject: Re: [PATCH] Fix capability.c to work with threaded init

| Oleg Nesterov [oleg@tv-sign.ru] wrote:  
| | On 08/03, Dave Hansen wrote:  
| | >  
| | > On Thu, 2007-08-02 at 23:26 -0700, sukadev@us.ibm.com wrote:  
| | > >  
| | > > Callers of is\_container\_init() should pass in task->group\_leader  
| | > > to ensure they work with threaded-init.  
| | >  
| | > Can you explain this in a little more detail? That's a pretty sparse  
| | > changelog.

| You are right. The changelog could be better. How about this:

| | Without this change cap\_set\_all() skips only the main thread of /sbin/init,  
| | but we should skip the entire process as the comment states.

| | Oleg.

| ---

| From: Sukadev Bhattiprolu <sukadev@us.ibm.com>  
| Subject: [PATCH] cap\_set\_all() must skip all threads of init

| When setting capabilities, cap\_set\_all() must skip all threads of the  
| container\_init process - not just the main thread.

Signed-off-by: Sukadev Bhattiprolu <sukadev@us.ibm.com>

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kernel/capability.c | 2 +-  
1 file changed, 1 insertion(+), 1 deletion(-)

Index: lx26-23-rc1-mm1/kernel/capability.c

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--- lx26-23-rc1-mm1.orig/kernel/capability.c 2007-08-02 22:58:02.000000000 -0700

+++ lx26-23-rc1-mm1/kernel/capability.c 2007-08-02 22:58:17.000000000 -0700

@@ -137,7 +137,7 @@ static inline int cap\_set\_all(kernel\_cap  
int found = 0;

do\_each\_thread(g, target) {  
- if (target == current || is\_container\_init(target))  
+ if (target == current || is\_container\_init(target->group\_leader))  
continue;  
found = 1;  
if (security\_capset\_check(target, effective, inheritable,

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Containers mailing list

Containers@lists.linux-foundation.org

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

----- End forwarded message -----

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