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Subject: Re: [PATCH] Fix capability.c to work with threaded init  
Posted by [Sukadev Bhattiprolu](#) on Fri, 03 Aug 2007 20:51:20 GMT  
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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>

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

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

```
=====
--- 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>

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