
Subject: [PATCH 5/5] Use task_pgrp() task_session() in copy_process()

Posted by [Sukadev Bhattiprolu](#) on Thu, 01 Mar 2007 03:59:02 GMT

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From: Sukadev Bhattiprolu <sukadev@us.ibm.com>

Subject: [PATCH 5/5] Use task_pgrp() task_session() in copy_process().

Use task_pgrp() and task_session() in copy_process(), and avoid find_pid() call when attaching the task to its process group and session.

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kernel/fork.c | 9 +++-----

1 file changed, 3 insertions(+), 6 deletions(-)

Index: lx26-20-mm2c/kernel/fork.c

=====

--- lx26-20-mm2c.orig/kernel/fork.c 2007-02-28 17:29:18.000000000 -0800

+++ lx26-20-mm2c/kernel/fork.c 2007-02-28 19:23:33.000000000 -0800

@@ -1253,14 +1253,11 @@ static struct task_struct *copy_process(
 tracehook_init_task(p);

```
    if (thread_group_leader(p)) {  
- pid_t pgid = process_group(current);  
- pid_t sid = process_session(current);  
-  
    p->signal->tty = current->signal->tty;  
- p->signal->pgrp = pgid;  
+ p->signal->pgrp = process_group(current);  
    set_signal_session(p->signal, process_session(current));  
- attach_pid(p, PIDTYPE_PGID, find_pid(pgid));  
- attach_pid(p, PIDTYPE_SID, find_pid(sid));  
+ attach_pid(p, PIDTYPE_PGID, task_pgrp(current));  
+ attach_pid(p, PIDTYPE_SID, task_session(current));
```

```
    list_add_tail_rcu(&p->tasks, &init_task.tasks);  
    __get_cpu_var(process_counts)++;
```

Containers mailing list

Containers@lists.osdl.org

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