
Subject: [PATCH v2 1/5] don't attach a task to a dead cgroup
Posted by [Glauber Costa](#) on Mon, 23 Apr 2012 19:37:43 GMT
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Not all external callers of cgroup_attach_task() test to see if the cgroup is still live - the internal callers at cgroup.c does.

With this test in cgroup_attach_task, we can assure that no tasks are ever moved to a cgroup that is past its destruction point and was already marked as dead.

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kernel/cgroup.c | 3 +++
1 files changed, 3 insertions(+), 0 deletions(-)

diff --git a/kernel/cgroup.c b/kernel/cgroup.c
index b61b938..932c318 100644

--- a/kernel/cgroup.c

+++ b/kernel/cgroup.c

@@ -1927,6 +1927,9 @@ int cgroup_attach_task(struct cgroup *cgrp, struct task_struct *tsk)
 struct cgroup_taskset tset = { };
 struct css_set *newcgs;

+ if (cgroup_is_removed(cgrp))

+ return -ENODEV;

+

/* @tsk either already exited or can't exit until the end */

if (tsk->flags & PF_EXITING)

return -ESRCH;

--

1.7.7.6
