
Subject: Re: [PATCH 1/3] don't attach a task to a dead cgroup

Posted by [Tejun Heo](#) on Thu, 19 Apr 2012 22:53:22 GMT

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On Thu, Apr 19, 2012 at 07:49:16PM -0300, Glauber Costa wrote:

```
> 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.
>
> Signed-off-by: Glauber Costa <glommer@parallels.com>
> CC: Tejun Heo <tj@kernel.org>
> CC: Li Zefan <lizefan@huawei.com>
> CC: Kamezawa Hiroyuki <kamezawa.hiroyu@jp.fujitsu.com>
> ---
> 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 *newcss;
>
> + if (cgroup_is_removed(cgrp))
> + return -ENODEV;
> +
```

Isn't the test in cgroup_lock_live_group() enough?

--
tejun
