
Subject: Re: [PATCH] cgroup: Remove RCU from task->cgroups
Posted by [Colin Cross](#) on Sun, 21 Nov 2010 23:02:28 GMT

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On Sat, Nov 20, 2010 at 6:00 PM, Colin Cross <ccross@android.com> wrote:

> The synchronize_rcu call in cgroup_attach_task can be very
> expensive. All fastpath accesses to task->cgroups already
> use task_lock() or cgroup_lock() to protect against updates,
> and only the CGROUP_DEBUG files have RCU read-side critical
> sections.

>
> This patch replaces rcu_read_lock() with task_lock(current)
> around the debug file accesses to current->cgroups and removes
> the synchronize_rcu call in cgroup_attach_task.

>
> Signed-off-by: Colin Cross <ccross@android.com>

> ---

> kernel/cgroup.c | 22 ++++++-----
> 1 files changed, 8 insertions(+), 14 deletions(-)

>

This patch isn't correct, there's an rcu_dereference I missed inside
task_group(), and that's the important one.

Containers mailing list

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