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 acceses 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.

_____
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