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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](mailto: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](mailto: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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Containers mailing list

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