Subject: Re: [Patch 1/3] Miscellaneous container fixes
Posted by Paul Menage on Fri, 01 Dec 2006 17:25:54 GMT
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On 12/1/06, Srivatsa Vaddagiri <vatsa@in.ibm.com> wrote:
> This patches fixes various bugs I hit in the recently posted container
> patches.
>
> 1. If a subsystem registers with fork/exit hook during bootup (much
>   before rcu is initialized), then the resulting synchronize_rcu() in
>   container_register_subsys() hangs. Avoid this by not calling
>   synchronize_rcu() if we arent fully booted yet.
>
> 2. If cpuset_create fails() for some reason, then the resulting
>   call to cpuset_destroy can trip. Avoid this by initializing
>   container->...->cpuset pointer to NULL in cpuset_create().
>
> 3. container_rmdir->cpuset_destroy->update_flag can deadlock on
>   container_lock(). Avoid this by introducing __update_flag, which
>   doesnt take container_lock().

Ah - this may be the lockup that PaulJ hit.

Thanks for these fixes.

Paul