
Subject: [PATCH] task containersv11 add tasks file interface fix for cpusets

Posted by [Paul Jackson](#) on Wed, 03 Oct 2007 08:42:41 GMT

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From: Paul Jackson <pj@sgi.com>

The code in kernel/cgroup.c attach_task() which skips the attachment of a task to the group it is already in has to be removed. Cpusets depends on reattaching a task to its current cpuset, in order to trigger updating the cpus_allowed mask in the task struct.

The dependency of cpusets on this is a hack, granted, but an important one. It lets us avoid checking for a changed cpuset 'cpus' setting in critical scheduler code paths.

Signed-off-by: Paul Jackson <pj@sgi.com>

Cc: Paul Menage <menage@google.com>

Andrew - this patch applies directly following the patch:
task-containersv11-add-tasks-file-interface.patch

kernel/cgroup.c | 3 ---
1 file changed, 3 deletions(-)

--- 2.6.23-rc8-mm1.orig/kernel/cgroup.c 2007-10-02 20:24:11.078925442 -0700

+++ 2.6.23-rc8-mm1/kernel/cgroup.c 2007-10-02 20:25:41.352279374 -0700

@@ -739,10 +739,7 @@ static int attach_task(struct cgroup *co

get_first_subsys(cont, NULL, &subsys_id);

- /* Nothing to do if the task is already in that cgroup */
oldcont = task_cgroup(tsk, subsys_id);
- if (cont == oldcont)
- return 0;

for_each_subsys(root, ss) {
if (ss->can_attach) {

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I won't rest till it's the best ...
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Containers mailing list

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