Subject: [PATCH 5/12] Handle pid namespaces in cgroups code
Posted by Pavel Emelianov on Tue, 29 Jan 2008 13:52:25 GMT
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There's one place that works with task pids - its the "tasks" file
in cgroups. The read/write handlers assume, that the pid values
go to/come from the user space and thus it is a virtual pid, i.e.
the pid as it is seen from inside a namespace.

Tune the code accordingly.

Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

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 kernel/cgroup.c | 4 ++--
 1 files changed, 2 insertions(+), 2 deletions(-)

diff --git a/kernel/cgroup.c b/kernel/cgroup.c
index 2c5cccb..4766bb6 100644
--- a/kernel/cgroup.c
+++ b/kernel/cgroup.c
@@ -1269,7 +1269,7 @@ static int attach_task_by_pid(struct cgroup *cgrp, char *pidbuf)

  if (pid) {
   rcu_read_lock();
- tsk = find_task_by_pid(pid);
+ tsk = find_task_by_vpid(pid);
   if (!tsk || tsk->flags & PF_EXITING) {
    rcu_read_unlock();
    return -ESRCH;
@@ -1955,7 +1955,7 @@ static int pid_array_load(pid_t *pidarray, int npids, struct cgroup *cgrp)
  while ((tsk = cgroup_iter_next(cgrp, &it))) {
   if (unlikely(n == npids))
    break;
- pidarray[n++] = task_pid_nr(tsk);
+ pidarray[n++] = task_pid_vnr(tsk);
  }
  cgroup_iter_end(cgrp, &it);
  return n;
--
1.5.3.4