Subject: [RFC PATCH 4/4] Container Freezer: Skip frozen cgroups during power management resume
Posted by Matt Helsley on Thu, 03 Apr 2008 21:03:20 GMT
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When a system is resumed after a suspend, it will also unfreeze
frozen cgroups.

This patchs modifies the resume sequence to skip the tasks which
are part of a frozen control group.

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---
 kernel/power/process.c | 4 ++++
 1 file changed, 4 insertions(+)

Index: linux-2.6.25-rc5-mm1/kernel/power/process.c
===
--- linux-2.6.25-rc5-mm1.orig/kernel/power/process.c
+++ linux-2.6.25-rc5-mm1/kernel/power/process.c
@@ -11,10 +11,11 @@
 #include <linux/interrupt.h>
 #include <linux/suspend.h>
 #include <linux/module.h>
 #include <linux/syscalls.h>
 #include <linux/freezer.h>
+#include <linux/cgroup_freezer.h>

 /*
  * Timeout for stopping processes
  */
 #define TIMEOUT (20 * HZ)
@@ -150,10 +151,13 @@ static void thaw_tasks(int thaw_user_spa
    continue;

   if (!p->mm == thaw_user_space)
    continue;

+ if (cgroup_frozen(p))
+   continue;
+
   thaw_process(p);
  } while_each_thread(g, p);
  read_unlock(&tasklist_lock);
 }

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Containers mailing list
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