
Subject: [RFC][PATCH 4/5] Container Freezer: Skip frozen cgroups during power management resume

Posted by [Matt Helsley](#) on Thu, 24 Apr 2008 06:48:00 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-mm1/kernel/power/process.c

```
=====
--- linux-2.6.25-mm1.orig/kernel/power/process.c
+++ linux-2.6.25-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
Containers@lists.linux-foundation.org
<https://lists.linux-foundation.org/mailman/listinfo/containers>
