
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 patch 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_space
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>
