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

Posted by [Matt Helsley](#) on Mon, 07 Jul 2008 22:58:27 GMT

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From: Cedric Le Goater <clg@fr.ibm.com>

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

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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Signed-off-by: Matt Helsley <matthltc@us.ibm.com>

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kernel/power/process.c | 4 ++++

1 file changed, 4 insertions(+)

Index: linux-2.6.26-rc5-mm2/kernel/power/process.c

=====

--- linux-2.6.26-rc5-mm2.orig/kernel/power/process.c

+++ linux-2.6.26-rc5-mm2/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)

@@ -133,10 +134,13 @@ static void thaw_tasks(bool nosig_only)

continue;

if (nosig_only && should_send_signal(p))

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>
