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

Posted by [Matt Helsley](#) on Tue, 24 Jun 2008 13:58:27 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.

Signed-off-by: Cedric Le Goater <clg@fr.ibm.com>

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

Tested-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

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--- 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>

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