
Subject: [PATCH] fix spurious EBUSY on memory cgroup removal

Posted by [yamamoto](#) on Tue, 25 Mar 2008 05:47:13 GMT

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[resending with To: akpm. Andrew, can you include this in -mm tree?]

hi,

the following patch is to fix spurious EBUSY on cgroup removal.

YAMAMOTO Takashi

call mm_free_cgroup earlier.

otherwise a reference due to lazy mm switching can prevent cgroup removal.

Signed-off-by: YAMAMOTO Takashi <yamamoto@valinux.co.jp>

Acked-by: Balbir Singh <balbir@linux.vnet.ibm.com>

--- linux-2.6.24-rc8-mm1/kernel/fork.c.BACKUP 2008-01-23 14:43:29.000000000 +0900

+++ linux-2.6.24-rc8-mm1/kernel/fork.c 2008-01-31 17:26:31.000000000 +0900

@@ -393,7 +393,6 @@ void __mmdrop(struct mm_struct *mm)

```
{
    BUG_ON(mm == &init_mm);
    mm_free_pgd(mm);
- mm_free_cgroup(mm);
    destroy_context(mm);
    free_mm(mm);
}
```

@@ -415,6 +414,7 @@ void mmput(struct mm_struct *mm)

```
    spin_unlock(&mmlist_lock);
}
```

```
    put_swap_token(mm);
```

```
+ mm_free_cgroup(mm);
    mmdrop(mm);
```

```
}
```

```
}
```

Containers mailing list

Containers@lists.linux-foundation.org

<https://lists.linux-foundation.org/mailman/listinfo/containers>

Subject: Re: [PATCH] fix spurious EBUSY on memory cgroup removal

Posted by [akpm](#) on Tue, 25 Mar 2008 05:53:09 GMT

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On Tue, 25 Mar 2008 14:47:13 +0900 (JST) yamamoto@valinux.co.jp (YAMAMOTO Takashi) wrote:

> [resending with To: akpm. Andrew, can you include this in -mm tree?]

Shouldn't it be in 2.6.25?

```
> hi,
>
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> YAMAMOTO Takashi
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> Signed-off-by: YAMAMOTO Takashi <yamamoto@valinux.co.jp>
> Acked-by: Balbir Singh <balbir@linux.vnet.ibm.com>
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>
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Subject: Re: [PATCH] fix spurious EBUSY on memory cgroup removal
Posted by [Balbir Singh](#) on Tue, 25 Mar 2008 06:28:16 GMT

KAMEZAWA Hiroyuki wrote:

> On Mon, 24 Mar 2008 22:53:09 -0700

> Andrew Morton <akpm@linux-foundation.org> wrote:

>

>> On Tue, 25 Mar 2008 14:47:13 +0900 (JST) yamamoto@valinux.co.jp (YAMAMOTO Takashi) wrote:

>>

>>> [resending with To: akpm. Andrew, can you include this in -mm tree?]

>> Shouldn't it be in 2.6.25?

>>

> I think this should be.

>

> Thanks,

> -Kame

Me too

--

Warm Regards,

Balbir Singh

Linux Technology Center

IBM, ISTL

Containers mailing list

Containers@lists.linux-foundation.org

<https://lists.linux-foundation.org/mailman/listinfo/containers>

Subject: Re: [PATCH] fix spurious EBUSY on memory cgroup removal

Posted by [yamamoto](#) on Tue, 25 Mar 2008 06:28:53 GMT

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> On Tue, 25 Mar 2008 14:47:13 +0900 (JST) yamamoto@valinux.co.jp (YAMAMOTO Takashi) wrote:

>

>> [resending with To: akpm. Andrew, can you include this in -mm tree?]

>

> Shouldn't it be in 2.6.25?

yes, probably.

(i'm not sure about linux development model.)

YAMAMOTO Takashi

>

```
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> > }
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> > }
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> Containers mailing list
> Containers@lists.linux-foundation.org
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Subject: Re: [PATCH] fix spurious EBUSY on memory cgroup removal
Posted by [KAMEZAWA Hiroyuki](#) on Tue, 25 Mar 2008 06:30:20 GMT
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On Mon, 24 Mar 2008 22:53:09 -0700
Andrew Morton <akpm@linux-foundation.org> wrote:

> On Tue, 25 Mar 2008 14:47:13 +0900 (JST) yamamoto@valinux.co.jp (YAMAMOTO Takashi) wrote:

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I think this should be.

Thanks,
-Kame

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