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

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Subject: Re: [PATCH] fix spurious EBUSY on memory cgroup removal
Posted by yamamoto on Tue, 25 Mar 2008 06:28:53 GMT

> 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

>

> > hi,
> >
> > the following patch is to fix spurious EBUSY on cgroup removal.
> >
> > 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 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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> Shouldn't it be in 2.6.25?
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I think this should be.

Thanks,
-Kame

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