
Subject: Re: Question : memrlimit cgroup's task_move (2.6.26-rc5-mm3)
Posted by [KAMEZAWA Hiroyuki](#) on Fri, 20 Jun 2008 00:09:48 GMT
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On Thu, 19 Jun 2008 23:55:56 +0530
Balbir Singh <balbir@linux.vnet.ibm.com> wrote:

```
> * KAMEZAWA Hiroyuki <kamezawa.hiroyu@jp.fujitsu.com> [2008-06-19 12:14:35]:  
>  
> > I used memrlimit cgroup at the first time.  
> >  
> > May I ask a question about memrlimit cgroup ?  
> >  
>  
> Hi, Kamezawa-San,  
>  
> Could you please review/test the patch below to see if it solves your  
> problem? If it does, I'll push it up to Andrew  
>
```

At quick glance,

```
> + /*  
> + * NOTE: Even though we do the necessary checks in can_attach(),  
> + * by the time we come here, there is a chance that we still  
> + * fail (the memrlimit cgroup has grown its usage, and the  
> + * addition of total_vm will no longer fit into its limit)  
> + */
```

I don't like this kind of holes. Considering tests which are usually done
by developpers, the problem seems not to be mentioned as "rare"..
It seems we can easily cause Warning. right ?

Even if you don't want to handle this case now, please mention as "TBD"
rather than as "NOTE".

```
> +  
> + /*  
> + * Add the value val to the resource counter and check if we are  
> + * still under the limit.  
> + */  
> +static inline bool res_counter_add_check(struct res_counter *cnt,  
> +    unsigned long val)  
> +{  
> +    bool ret = false;  
> +    unsigned long flags;  
> +  
> +    spin_lock_irqsave(&cnt->lock, flags);  
> +    if (cnt->usage + val < cnt->limit)
```

```
> + ret = true;  
cnt->usage + val <= cnt->limit.
```

Thanks,
-Kame

Containers mailing list
Containers@lists.linux-foundation.org
<https://lists.linux-foundation.org/mailman/listinfo/containers>
