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Subject: Re: [PATCH] memory cgroup enhancements take 4 [5/8] add status accounting function for memory cgroup  
Posted by KAMEZAWA Hiroyuki on Thu, 01 Nov 2007 00:29:56 GMT  
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At first, thank you for review.

On Wed, 31 Oct 2007 15:12:34 -0700

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

> > +static inline void \_\_mem\_cgroup\_stat\_add(struct mem\_cgroup\_stat \*stat,

> > + enum mem\_cgroup\_stat\_index idx, int val)

> > +{

> > + int cpu = smp\_processor\_id();

> > + preempt\_disable();

> > + stat->cpustat[cpu].count[idx] += val;

> > + preempt\_enable();

> > +}

>

> This is clearly doing smp\_processor\_id() in preemptible code. (or the

> preempt\_disable() just isn't needed). I fixed it up.

>

Thanks,

> Please ensure that you test with all runtime debugging options enabled -

> you should have seen a warning here.

>

Sorry, I'll take care.

> > +/\*

> > + \* For accounting under irq disable, no need for increment preempt count.

> > + \*/

> > +static inline void \_\_mem\_cgroup\_stat\_add\_safe(struct mem\_cgroup\_stat \*stat,

> > + enum mem\_cgroup\_stat\_index idx, int val)

> > +{

> > + int cpu = smp\_processor\_id();

> > + stat->cpustat[cpu].count[idx] += val;

> > +}

>

> There's a wild amount of inlining in that file. Please, just don't do it -

> inline is a highly specialised thing and is rarely needed.

>

> When I removed the obviously-wrong inline statements, the size of

> mm/memcontrol.o went from 3823 bytes down to 3495.

>

> It also caused this:

>

> mm/memcontrol.c:65: warning: '\_\_mem\_cgroup\_stat\_add' defined but not used

>

> so I guess I'll just remove that.  
>  
ok. I'll add again if it is needed again.

Thanks,  
-Kame

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Containers mailing list  
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