
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

Containers mailing list

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