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Subject: Re: [PATCH] cgroup: prefer [kv]zalloc over [kv]malloc+memset in memory controller code.

Posted by [Johannes Weiner](#) on Tue, 02 Nov 2010 12:24:13 GMT

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On Mon, Nov 01, 2010 at 08:59:13PM +0100, Jesper Juhl wrote:

> On Mon, 1 Nov 2010, Johannes Weiner wrote:

>

> > On Mon, Nov 01, 2010 at 08:40:56PM +0100, Jesper Juhl wrote:

> > > In mem\_cgroup\_alloc() we currently do either kmalloc() or vmalloc() then

> > > followed by memset() to zero the memory. This can be more efficiently

> > > achieved by using kcalloc() and vcalloc().

> > >

> > > Signed-off-by: Jesper Juhl <jj@chaosbits.net>

> >

> > Looks good to me, but there is also the memset after kmalloc in

> > alloc\_mem\_cgroup\_per\_zone\_info(). Can you switch that over as well

> > in this patch? You can pass \_\_GFP\_ZERO to kmalloc\_node() for zeroing.

>

> Sure thing.

>

> Signed-off-by: Jesper Juhl <jj@chaosbits.net>

Thanks.

Reviewed-by: Johannes Weiner <jhannes@cmpxchg.org>

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