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Subject: Re: [-mm PATCH 4/8] Memory controller memory accounting (v2)

Posted by [Balbir Singh](#) on Tue, 10 Jul 2007 08:41:18 GMT

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On 7/10/07, YAMAMOTO Takashi <yamamoto@valinux.co.jp> wrote:

```
> hi,
>
> > diff -puN mm/memory.c~mem-control-accounting mm/memory.c
> > --- linux-2.6.22-rc6/mm/memory.c~mem-control-accounting    2007-07-05
13:45:18.000000000 -0700
> > +++ linux-2.6.22-rc6-balbir/mm/memory.c    2007-07-05 13:45:18.000000000 -0700
>
> > @@ -1731,6 +1736,9 @@ gotten:
> >         cow_user_page(new_page, old_page, address, vma);
> >     }
> >
> > +    if (mem_container_charge(new_page, mm))
> > +        goto oom;
> > +
> >     /*
> >      * Re-check the pte - we dropped the lock
> >      */
> >
>
> it seems that the page will be leaked on error.
```

You mean meta\_page right?

```
>
> > @@ -2188,6 +2196,11 @@ static int do_swap_page(struct mm_struct
> >     }
> >
> >     delayacct_clear_flag(DELAYACCT_PF_SWAPIN);
> > +    if (mem_container_charge(page, mm)) {
> > +        ret = VM_FAULT_OOM;
> > +        goto out;
> > +    }
> > +
> >     mark_page_accessed(page);
> >     lock_page(page);
> >
>
> ditto.
>
> > @@ -2264,6 +2278,9 @@ static int do_anonymous_page(struct mm_s
> >         if (!page)
> >             goto oom;
> >
> > +        if (mem_container_charge(page, mm))
```

```
> > +          goto oom;
> > +
> >          entry = mk_pte(page, vma->vm_page_prot);
> >          entry = maybe_mkwrite(pte_mkdirty(entry), vma);
> >
>
> ditto.
>
> can you check the rest of the patch by yourself? thanks.
>
```

Excellent catch! I'll review the accounting framework and post the updated version soon

Balbir

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

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