
Subject: Re: [PATCH v2 03/13] memcg: Uncharge all kmem when deleting a cgroup.

Posted by [Glauber Costa](#) on Sun, 11 Mar 2012 08:19:55 GMT

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On 03/10/2012 12:39 AM, Suleiman Souhlal wrote:

```
> Signed-off-by: Suleiman Souhlal<suleiman@google.com>
> ---
> mm/memcontrol.c | 31 ++++++-----+
> 1 files changed, 30 insertions(+), 1 deletions(-)
>
> diff --git a/mm/memcontrol.c b/mm/memcontrol.c
> index e6fd558..6fbb438 100644
> --- a/mm/memcontrol.c
> +++ b/mm/memcontrol.c
> @@ -382,6 +382,7 @@ static void mem_cgroup_get(struct mem_cgroup *memcg);
> static void mem_cgroup_put(struct mem_cgroup *memcg);
> static void memcg_kmem_init(struct mem_cgroup *memcg,
>     struct mem_cgroup *parent);
> +static void memcg_kmem_move(struct mem_cgroup *memcg);
>
> static inline bool
> mem_cgroup_test_flag(const struct mem_cgroup *memcg, enum memcg_flags flag)
> @@ -3700,6 +3701,7 @@ static int mem_cgroup_force_empty(struct mem_cgroup *memcg,
bool free_all)
>     int ret;
>     int node, zid, shrink;
>     int nr_retries = MEM_CGROUP_RECLAIM_RETRIES;
> + unsigned long usage;
>     struct cgroup *cgrp = memcg->css.cgroup;
>
>     css_get(&memcg->css);
> @@ -3719,6 +3721,8 @@ move_account:
>     /* This is for making all *used* pages to be on LRU. */
>     lru_add_drain_all();
>     drain_all_stock_sync(memcg);
> + if (!free_all)
> + memcg_kmem_move(memcg);
```

Any reason we're not moving kmem charges when free_all is set as well?

Subject: Re: [PATCH v2 03/13] memcg: Uncharge all kmem when deleting a cgroup.

Posted by [Suleiman Souhlal](#) on Tue, 13 Mar 2012 23:16:18 GMT

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On Sun, Mar 11, 2012 at 12:19 AM, Glauber Costa <glommer@parallels.com> wrote:

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>
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```

Because the slab moving code expects to be synchronized with allocations (and itself). We can't call it when there are still tasks in the cgroup.

-- Suleiman
