
Subject: Re: [PATCH -mm 4/5] swapcgroup (v3): modify vm_swap_full()
Posted by [Daisuke Nishimura](#) on Fri, 04 Jul 2008 10:40:59 GMT
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Hi, Kamezawa-san.

On Fri, 4 Jul 2008 18:58:45 +0900, KAMEZAWA Hiroyuki <kamezawa.hiroyu@jp.fujitsu.com> wrote:

> On Fri, 4 Jul 2008 15:22:44 +0900

> Daisuke Nishimura <nishimura@mxp.nes.nec.co.jp> wrote:

>

> > /* Swap 50% full? Release swapcache more aggressively.. */

> > -#define vm_swap_full() (nr_swap_pages*2 < total_swap_pages)

> > +#define vm_swap_full(memcg) ((nr_swap_pages*2 < total_swap_pages) \

> > + || swap_cgroup_vm_swap_full(memcg))

> > +

> >

> Maybe nitpick but I like

> ==

> vm_swap_full(page) ((nr_swap_pages *2 < total_swap_pages)

> || swap_cgroup_vm_swap_full_page(page))

> ==

> rather than vm_swap_full(memcg)

>

Well, I used "page" in v2, but Kosaki-san said vm_swap_full()
is not page-granularity operation so it should be changed.

And more,

> > @@ -1317,7 +1317,7 @@ static void shrink_active_list(unsigned long nr_pages, struct zone
*zone,

> > __mod_zone_page_state(zone, NR_LRU_BASE + lru, pgmoved);

> > pgmoved = 0;

> > spin_unlock_irq(&zone->lru_lock);

> > - if (vm_swap_full())

> > + if (vm_swap_full(sc->mem_cgroup))

> > pagevec_swap_free(&pvec);

> > __pagevec_release(&pvec);

> > spin_lock_irq(&zone->lru_lock);

> > @@ -1328,7 +1328,7 @@ static void shrink_active_list(unsigned long nr_pages, struct zone
*zone,

> > __count_zone_vm_events(PGREFILL, zone, pgscanned);

> > __count_vm_events(PGDEACTIVATE, pgdeactivate);

> > spin_unlock_irq(&zone->lru_lock);

> > - if (vm_swap_full())

> > + if (vm_swap_full(sc->mem_cgroup))

> > pagevec_swap_free(&pvec);

> >

> > `pagevec_release(&pvec);`

"page" cannot be determined in those places.

I don't want to change `pagevec_swap_free()`, so I changed the argument of `vm_swap_full()`.

> And could you change this to inline function ?

>

Of course.

I think it would be better.

Thanks,

Daisuke Nishimura.

Containers mailing list

Containers@lists.linux-foundation.org

<https://lists.linux-foundation.org/mailman/listinfo/containers>
