Subject: Re: [PATCH 0/4] swapcgroup(v2)

Posted by KAMEZAWA Hiroyuki on Thu, 22 May 2008 07:44:21 GMT

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On Thu, 22 May 2008 15:13:41 +0900
Daisuke Nishimura <nishimura@mxp.nes.nec.co.jp> wrote:

> Hi.
>
> I updated my swapcgroup patch.
>

seems good in general.

> Major changes from previous version(*1):
> - Rebased on 2.6.26-rc2-mm1 + KAMEZAWA-san's performance
>   improvement patchset v4.
> - Implemented as a add-on to memory cgroup.
>   So, there is no need to add a new member to page_cgroup now.
> - (NEW)Modified vm_swap_full() to calculate the rate of
>   swap usage per cgroup.
>
> Patchs:
> - [1/4] add cgroup files
> - [2/4] add member to swap_info_struct for cgroup
> - [3/4] implement charge/uncharge
> - [4/4] modify vm_swap_full for cgroup
>
> ToDo:
> - handle force_empty.

Without this, we can do rmdir() against cgroup with swap. right ?

> - make it possible for users to select if they use
>   this feature or not, and avoid overhead for users
>   not using this feature.
> - move charges along with task move between cgroups.
>
I think memory-controller's anon pages should also do this....
But how do you think about shared entries ?

Thanks,
-Kame

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