
Subject: Re: [PATCH][RFC] dirty balancing for cgroups
Posted by [yamamoto](#) on Fri, 11 Jul 2008 05:59:26 GMT
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> > > - This looks simple but, could you merge this into memory resource controller ?
> >
> > why?
> >
> 3 points.
> 1. Is this useful if used alone ?

it can be. why not?

> 2. memcg requires this kind of feature, basically.
>
> 3. I wonder I need more work to make this work well under memcg.

i'm not sure if i understand these points. can you explain a bit?

my patch penalizes heavy-writer cgroups as task_dirty_limit does for heavy-writer tasks. i don't think that it's necessary to be tied to the memory subsystem because i merely want to group writers.

otoh, if you want to limit the number (or percentage or whatever) of dirty pages in a memory cgroup, it can't be done independently from the memory subsystem, of course. it's another story, tho.

YAMAMOTO Takashi

>
> If chasing page->cgroup and memcg make this patch much more complex,
> I think this style of implimentation is a choice.
>
> About 3.
> Does this works well if I changes get_dirty_limit()'s
> determine_dirtyable_memory() calculation under memcg ?
> But to do this seems not valid if dirty_ratio cgroup and memcg cgroup
> contains different set of tasks.
>
> Thanks,
> -Kame

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