
Subject: Re: [RFC][PATCH] memory controller per zone patches take 2 [9/10]
per-zone-lru for memory cgroup

Posted by [KAMEZAWA Hiroyuki](#) on Mon, 19 Nov 2007 06:35:49 GMT

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On Mon, 19 Nov 2007 11:51:15 +0530

Balbir Singh <balbir@linux.vnet.ibm.com> wrote:

> > =

> > /cgroup/group_A/group_A_1

> > . /group_A_2

> > /group_A_3

> > (LRU(s) will be used for maintaining parent/child groups.)

> >

>

> The LRU's will be shared, my vision is

>

> LRU

> ^^

> ||

> Mem-----+ +----Mem

>

>

> That two or more mem_cgroup's can refer to the same LRU list and have

> their own resource counters. This setup will be used in the case

> of a hierarchy, so that a child can share memory with its parent

> and have it's own limit.

>

> The mem_cgroup will basically then only contain a reference

> to the LRU list.

>

Hmm, interesting.

Then,

group_A_1's usage + group_A_2's usage + group_A_3's usage < group_A's limit.

group_A_1, group_A_2, group_A_3 has its own limit.

In plan.

I wonder if we want rich control functions, we need "share" or "priority" among
childs. (but maybe this will be complicated one.)

Thank you for explanation.

Regards,

-Kame

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