
Subject: Re: [RFC][PATCH] memory controller per zone patches take 2 [9/10]
per-zone-lru for memory cgroup
Posted by [Balbir Singh](#) on Mon, 19 Nov 2007 06:21:15 GMT
[View Forum Message](#) <> [Reply to Message](#)

KAMEZAWA Hiroyuki wrote:

> On Sat, 17 Nov 2007 23:21:22 +0530

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

>

>> Thanks, this has been a long pending TODO. What is pending now on my
>> plate is re-organizing res_counter to become aware of the filesystem
>> hierarchy. I want to split out the LRU lists from the memory controller
>> and resource counters.

>>

> Does "file system hierarchy" here means "control group hierarchy" ?

> like

Yes, you are right

> =

> /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 its own limit.

The mem_cgroup will basically then only contain a reference to the LRU list.

--

Warm Regards,

Balbir Singh

Linux Technology Center

IBM, ISTL

Containers mailing list
Containers@lists.linux-foundation.org
<https://lists.linux-foundation.org/mailman/listinfo/containers>
