Subject: Re: [RFC][PATCH] memory controller per zone patches take 2 [4/10] calculate mapped ratio for memory
Posted by KAMEZAWA Hiroyuki on Mon, 19 Nov 2007 01:41:44 GMT
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On Sat, 17 Nov 2007 21:42:06 +0530
Balbir Singh <balbir@linux.vnet.ibm.com> wrote:

> KAMEZAWA Hiroyuki wrote:
> > Define function for calculating mapped_ratio in memory cgroup.
> >
>
> Could you explain what the ratio is used for? Is it for reclaim
> later?
>
Yes, for later.

> > + /* usage is recorded in bytes */
> > + total = mem->res.usage >> PAGE_SHIFT;
> > + rss = mem_cgroup_read_stat(&mem->stat, MEM_CGROUP_STAT_RSS);
> > + return (rss * 100) / total;
>
> Never tried 64 bit division on a 32 bit system. I hope we don't
> have to resort to do_div() sort of functionality.
>
Hmm, maybe it's better to make these numebrs be just "long".
I'll try to change per-cpu-counter implementation.

Thanks,
-Kame

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