
Subject: Re: [ckrm-tech] [RFC][PATCH][0/4] Memory controller (RSS Control)
Posted by [Balbir Singh](#) on Mon, 19 Feb 2007 10:24:07 GMT
[View Forum Message](#) <> [Reply to Message](#)

Kirill Korotaev wrote:

>> On 2/19/07, Andrew Morton <akpm@linux-foundation.org> wrote:

>>

>>> Alas, I fear this might have quite bad worst-case behaviour. One small
>>> container which is under constant memory pressure will churn the
>>> system-wide LRUs like mad, and will consume rather a lot of system time.
>>> So it's a point at which container A can deleteriously affect things which
>>> are running in other containers, which is exactly what we're supposed to
>>> not do.

>>

>> I think it's OK for a container to consume lots of system time during
>> reclaim, as long as we can account that time to the container involved
>> (i.e. if it's done during direct reclaim rather than by something like
>> kswapd).

> hmm, is it ok to scan 100Gb of RAM for 10MB RAM container?

> in UBC patch set we used page beancounters to track container pages.

> This allows to make efficient scan controller and reclamation.

>

> Thanks,

> Kirill

Hi, Kirill,

Yes, that's a problem, but I think it's a problem that can be solved
in steps. First step, add reclaim. Second step, optimize reclaim.

--

Warm Regards,
Balbir Singh
