
Subject: Re: [RFC][for -mm] memory controller enhancements for reclaiming take2
[5/8] throttling simultaneous
Posted by [Rik van Riel](#) on Mon, 03 Dec 2007 14:24:18 GMT
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On Mon, 3 Dec 2007 18:39:21 +0900
KAMEZAWA Hiroyuki <kamezawa.hiroyu@jp.fujitsu.com> wrote:

> Add throttling direct reclaim.
>
> Trying heavy workload under memory controller, you'll see too much
> iowait and system seems heavy. (This is not good.... memory controller
> is usually used for isolating system workload)
> And too much memory are reclaimed.
>
> This patch adds throttling function for direct reclaim.
> Currently, num_online_cpus/(4) + 1 threads can do direct memory reclaim
> under memory controller.

The same problems are true of global reclaim.

Now that we're discussing this RFC anyway, I wonder if we
should think about moving this restriction to the global
reclaim level...

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"Debugging is twice as hard as writing the code in the first place.
Therefore, if you write the code as cleverly as possible, you are,
by definition, not smart enough to debug it." - Brian W. Kernighan

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