Subject: Re: [RFC][PATCH] another swap controller for cgroup
Posted by Balbir Singh on Mon, 24 Mar 2008 12:22:08 GMT
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Daisuke Nishimura wrote:
> Daisuke Nishimura wrote:
>> Hi, Yamamoto-san.
>>
>> I'm reviewing and testing your patch now.
>>
>
> In building kernel infinitely(in a cgroup of
> memory.limit=64M and swap.limit=128M, with swappiness=100),
> almost all of the swap (1GB) is consumed as swap cache
> after a day or so.
> As a result, processes are occasionally OOM-killed even when
> the swap.usage of the group doesn't exceed the limit.
>
> I don't know why the swap cache uses up swap space.
> I will test whether a similar issue happens without your patch.
> Do you have any thoughts?
>
>
> BTW, I think that it would be better, in the sence of
> isolating memory resource, if there is a framework
> to limit the usage of swap cache.

We had this earlier, but dropped it later due to issues related to swap
readahead and assigning the pages to the correct cgroup.

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 Warm Regards,
 Balbir Singh
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 IBM, ISTL
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