Subject: Re: [RFC][PATCH] another swap controller for cgroup Posted by yamamoto on Tue, 25 Mar 2008 03:10:39 GMT

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hi,

- > 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?

my patch tends to yield more swap cache because it makes try\_to\_unmap fail and shrink\_page\_list leaves swap cache in that case. i'm not sure how it causes 1GB swap cache, tho.

YAMAMOTO Takashi

>

- > 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.

>

>

> Thanks,

> Daisuke Nishimura.

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