
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.

Containers mailing list

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