

---

Subject: Re: [RFC][PATCH] another swap controller for cgroup  
Posted by [Daisuke Nishimura](#) on Fri, 28 Mar 2008 09:00:33 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

YAMAMOTO Takashi wrote:

> hi,  
>  
> i tried to reproduce the large swap cache issue, but no luck.  
> can you provide a little more detailed instruction?

>  
This issue also happens on generic 2.6.25-rc3-mm1  
(with limiting only memory), so I think this issue is not  
related to your patch.

I'm investigating this issue too.

Below is my environment and how to reproduce.

- System

full virtualized xen guest based on RHEL5.1(x86\_64).

CPU: 2

memory: 2GB

swap: 1GB

A config of the running kernel(2.6.25-rc3-mm1 with your patch)  
is attached.

- how to reproduce

- change swappiness to 100

```
echo 100 >/proc/sys/vm/swappiness
```

- mount cgroup fs

```
# mount -t cgroup -o memory,swap none /cgroup
```

- make cgroup for test

```
# mkdir /cgroup/02
```

```
# echo -n 64M >/cgroup/02/memory.limit_in_bytes
```

```
# echo -n `expr 128 \* 1024 \* 1024` >/cgroup/02/swap.limit_in_bytes
```

- run test

```
# echo $$ >/cgroup/02/tasks
```

```
# while true; do make clean; make -j2; done
```

In other terminals, I run some monitoring processes, top,  
"tail -f /var/log/messages", and displaying \*.usage\_in\_bytes  
every seconds.

Thanks,  
Daisuke Nishimura.

---

Containers mailing list  
Containers@lists.linux-foundation.org  
<https://lists.linux-foundation.org/mailman/listinfo/containers>

---