

---

Subject: Re: [PATCH -mm 0/5] swapcgroup (v3)  
Posted by [Balbir Singh](#) on Sat, 05 Jul 2008 06:52:25 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Daisuke Nishimura wrote:

- > Hi.
- >
- > This is new version of swapcgroup.
- >
- > Major changes from previous version
- > - Rebased on 2.6.26-rc5-mm3.
- > The new -mm has been released, but these patches
- > can be applied on 2.6.26-rc8-mm1 too with only some offset warnings.
- > I tested these patches on 2.6.26-rc5-mm3 with some fixes about memory,
- > and it seems to work fine.
- > - (NEW) Implemented force\_empty.
- > Currently, it simply uncharges all the charges from the group.
- >
- > Patches
- > - [1/5] add cgroup files
- > - [2/5] add a member to swap\_info\_struct
- > - [3/5] implement charge and uncharge
- > - [4/5] modify vm\_swap\_full()
- > - [5/5] implement force\_empty
- >
- > ToDo(in my thought. Feel free to add some others here.)
- > - need some documentation
- > Add to memory.txt? or create a new documentation file?
- >

I think memory.txt is good. But then, we'll need to add a Table of Contents to it, so that swap controller documentation can be located easily.

- > - add option to disable only this feature
- > I'm wondering if this option is needed.
- > memcg has already the boot option to disable it.
- > Is there any case where memory should be accounted but swap should not?
- >

That depends on what use case you are trying to provide. Let's say I needed backward compatibility with 2.6.25, then I would account for memory and leave out swap (even though we have swap controller).

- > - hierarchy support
- > - move charges along with task
- > Both of them need more discussion.
- >

Yes, they do.

--

Warm Regards,  
Balbir Singh  
Linux Technology Center  
IBM, ISTL

---

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

---