
Subject: [PATCH] cgroup: Avoid a memset by using vzalloc

Posted by [Jesper Juhl](#) on Sat, 30 Oct 2010 21:35:46 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hi,

We can avoid doing a memset in swap_cgroup_swapon() by using vzalloc().

Signed-off-by: Jesper Juhl <jj@chaosbits.net>

compile tested only.

page_cgroup.c | 3 +--

1 file changed, 1 insertion(+), 2 deletions(-)

diff --git a/mm/page_cgroup.c b/mm/page_cgroup.c

index 5bffada..34970c7 100644

--- a/mm/page_cgroup.c

+++ b/mm/page_cgroup.c

```
@ @ -450,11 +450,10 @ @ int swap_cgroup_swapon(int type, unsigned long max_pages)
    length = ((max_pages/SC_PER_PAGE) + 1);
    array_size = length * sizeof(void *);
```

```
- array = vmalloc(array_size);
```

```
+ array = vzalloc(array_size);
```

```
if (!array)
```

```
goto nomem;
```

```
- memset(array, 0, array_size);
```

```
ctrl = &swap_cgroup_ctrl[type];
```

```
mutex_lock(&swap_cgroup_mutex);
```

```
ctrl->length = length;
```

--

Jesper Juhl <jj@chaosbits.net> <http://www.chaosbits.net/>

Plain text mails only, please <http://www.expita.com/nomime.html>

Don't top-post <http://www.catb.org/~esr/jargon/html/T/top-post.html>

Containers mailing list

Containers@lists.linux-foundation.org

<https://lists.linux-foundation.org/mailman/listinfo/containers>
