Subject: [PATCH] cgroup: Avoid a memset by using vzalloc
Posted by Jesper Juhl on Sat, 30 Oct 2010 21:35:46 GMT
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Hi,

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

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

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