
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>

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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