
Subject: [PATCH 2/10] Pidns: use kzalloc to allocate new pid namespace

Posted by [Pavel Emelianov](#) on Thu, 10 Apr 2008 08:21:32 GMT

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It makes many fields initialization implicit, fixes void * = 0
(the ns->pidmap[i].page = 0) noise and will help in auto-setting
to NULL bsd-acct related field.

Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

```
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kernel/pid_namespace.c | 8 ++-----
1 files changed, 2 insertions(+), 6 deletions(-)

diff --git a/kernel/pid_namespace.c b/kernel/pid_namespace.c
index cb17497..06331cc 100644
--- a/kernel/pid_namespace.c
+++ b/kernel/pid_namespace.c
@@ -71,7 +71,7 @@ static struct pid_namespace *create_pid_namespace(unsigned int level)
 struct pid_namespace *ns;
 int i;

- ns = kmem_cache_alloc(pid_ns_cachep, GFP_KERNEL);
+ ns = kmem_cache_zalloc(pid_ns_cachep, GFP_KERNEL);
 if (ns == NULL)
 goto out;

@@ -84,17 +84,13 @@ static struct pid_namespace *create_pid_namespace(unsigned int level)
 goto out_free_map;

 kref_init(&ns->kref);
- ns->last_pid = 0;
- ns->child_reaper = NULL;
 ns->level = level;

 set_bit(0, ns->pidmap[0].page);
 atomic_set(&ns->pidmap[0].nr_free, BITS_PER_PAGE - 1);

- for (i = 1; i < PIDMAP_ENTRIES; i++) {
- ns->pidmap[i].page = 0;
+ for (i = 1; i < PIDMAP_ENTRIES; i++)
 atomic_set(&ns->pidmap[i].nr_free, BITS_PER_PAGE);
- }

 return ns;

--
1.5.3.4
```

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