
Subject: [PATCH 02/29] task containersv11 basic task container framework fix
Posted by [Paul Menage](#) on Tue, 11 Sep 2007 19:52:41 GMT

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From: "Paul Menage" <menage@google.com>

On 7/28/07, Andrew Morton <akpm@linux-foundation.org> wrote:

```
> > [<c0154ad2>] proc_cpuset_show+0x5e/0xb9
> > [<c01976b1>] seq_read+0xef/0x266
> > [<c0181398>] vfs_read+0x8e/0x117
> > [<c01817c9>] sys_read+0x3d/0x61
> > [<c010401e>] sysenter_past_esp+0x5f/0x99
> > =====
> > INFO: lockdep is turned off.
> > Code: 00 89 d8 83 c4 0c 5b 5e 5f 5d c3 55 89 e5 57 56 53 83 ec 08 89
> > 45 f0 89 55 ec 89 d3 01 cb 8d 43 ff c6 43 ff 00 8b 55 f0 8b 72 1c <8b>
> > 56 3c 29 d0 3b 45 ec 72 45 89 d1 c1 e9 02 8b 76 40 89 c7 f3
> > EIP: [<c01536a7>] cgroup_path+0x20/0x7b SS:ESP 0068:c5ccff00
>
```

Oops, this is a case of trying to read /proc/self/cpuset when cpusets are completely unmounted. It works fine when cpusets is mounted as part of any hierarchy, or part of an active but unmounted hierarchy. Attached patch fixes it, and should be rolled in to the first patch of the series. (basic framework patch).

Signed-off-by: Andrew Morton <akpm@linux-foundation.org>

```
kernel/cgroup.c | 9 ++++++++
1 file changed, 9 insertions(+)
```

```
diff -puN kernel/cgroup.c~task-cgroupsv11-basic-task-cgroup-framework-fix kernel/cgroup.c
--- a/kernel/cgroup.c~task-cgroupsv11-basic-task-cgroup-framework-fix
+++ a/kernel/cgroup.c
@@ -683,6 +683,15 @@ int cgroup_path(const struct containe
{
    char *start;

+ if (cont == dummytop) {
+ /*
+  * Inactive subsystems have no dentry for their root
+  * cgroup
+  */
+ strcpy(buf, "");
+ return 0;
+ }
```

```
+  
start = buf + buflen;  
  
*--start = '\0';
```

```
—
```

```
--
```

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