
Subject: Re: v2.6.26-rc7/cgroups: circular locking dependency
Posted by [Cyrill Gorcunov](#) on Sun, 22 Jun 2008 16:02:02 GMT
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[KOSAKI Motohiro - Mon, Jun 23, 2008 at 12:34:04AM +0900]

| CC'ed Paul Jackson

| it seems typical ABBA deadlock.

| I think cpuset use cgrou_lock() by mistake.

| IMHO, cpuset_handle_cpuhp() sholdn't use cgroup_lock() and
| shouldn't call rebuild_sched_domains().

| -> #1 (cgroup_mutex){--..}:

| [| [| [| [| [| [| [| [| [| [| [| [| [| [| [| [<ffffff>] 0xffffffff

| -> #0 (&cpu_hotplug.lock){--..}:

| [| [| [| [| [| [| [| [| [| [| [<ffffff>] 0xffffffff

| > Hi,

| >

```
| > I decided to see what cgroups is all about, and followed the instructions
| > in Documentation/cgroups.txt :-) It happened when I did this:
| >
| > [root@damson /dev/cgroup/Vegard 0]
| > # echo 1 > cpuset.cpus
| >
| > I can also provide the kernel config if necessary.
| >
| >
| > Vegard
| >
| >
| > =====
| > [ INFO: possible circular locking dependency detected ]
| > 2.6.26-rc7 #25
| > -----
| > bash/10032 is trying to acquire lock:
| > (&cpu_hotplug.lock){--..}, at: [<c015efbc>] get_online_cpus+0x2c/0x40
| >
| > but task is already holding lock:
| > (cgroup_mutex){--..}, at: [<c0160e6f>] cgroup_lock+0xf/0x20
| >
| > which lock already depends on the new lock.
```

Thanks Kosaki!

- Cyrill -

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