
Subject: Re: v2.6.26-rc7/cgroups: circular locking dependency
Posted by [Max Krasnyanskiy](#) on Tue, 24 Jun 2008 06:29:21 GMT
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Peter Zijlstra wrote:

> On Mon, 2008-06-23 at 00:34 +0900, KOSAKI Motohiro wrote:

>> 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().

>

> Looks like Max forgot to test with lockdep enabled...

Hmm, I don't think I actually changed any lock nesting/dependencies. Did I ?

Oh, I see rebuild_sched_domains() is now called from cpuset hotplug handler.

I just looked at the comment for rebuild_sched_domains() and it says

" * Call with cgroup_mutex held. ..." that's why I thought it's safe and it worked on the test stations.

Anyway, we need definitely need to make rebuild_sched_domains() work from the hotplug handler.

> Well, someone should when you change the online map.

>

> Max, Paul, can we handle this in update_sched_domains() instead?

That'd be exactly the same as calling rebuild_sched_domains() outside of the cgroup_lock(). So I do not think it'll help. Paul has more info in his reply so I'll reply to his email.

Max

Containers mailing list

Containers@lists.linux-foundation.org

<https://lists.linux-foundation.org/mailman/listinfo/containers>
