

Re: 2.6.0: Badness in pci_find_subsys!!

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2003-07/1296.html>

From: Douglas J Hunley (*doug_at_hunley.homeip.net*)

Date: 07/25/03

To: Valdis.Kletnieks@vt.edu

Date: Fri, 25 Jul 2003 11:15:56 -0400

-----BEGIN PGP SIGNED MESSAGE-----

Hash: SHA1

Valdis.Kletnieks@vt.edu shocked and awed us all by speaking:

> On Thu, 24 Jul 2003 13:26:01 EDT, Douglas J Hunley <doug@hunley.homeip.net>
said:

> > *Just had my athlon box lock-up solid. needed SysRq to reboot the thing..*

> > *kernel info follows:*

> > *Jul 24 13:08:23 doug kernel: Badness in pci_find_subsys at*

> > *drivers/pci/search.c:132*

> > *Jul 24 13:08:23 doug kernel: Call Trace:*

> > *Jul 24 13:08:23 doug kernel: [*

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>

> *The 'badness in pci_find_subsys' may not be related to your hang.*

>

> *The NVidia msgs are basically caused by the fact that pci_find_slot() is*

> *getting called in an interrupt, so we trigger the WARN_ON in*

> *pci_find_subsys(). The worry here is that we may be walking the PCI list on*

> *the interrupt side while something else is hotplugging a new device into*

> *existence, causing it to walk off the end of a inconsistent list. Unless*

> *you actually crapped out right at 13:08:23, it's probably unrelated.*

OK. But I don't have any hot-plugging enabled on this machine. Unless the kernel is internally doing things...

It crapped out within a matter of seconds. Started chewing up all available system RAM, then went totally non-responsive to anything but SysRQ (couldn't even kill X with CTRL-ALT-BKSP)

>

> *(I was getting the same NVidia traceback on a regular basis (3-4 at every*

> *start of the X server, and 1 at X server shutdown) under 2.5.72-mm3, they*

> *stopped when I went to 2.5.73-mm1. If you're still seeing them in*

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> 2.6.0-test1, I would suspect something different in the -mm series is
> fixing them for me - first place to look is what got added between 72-mm3
> and 73-mm1.

I try to stick w/ Linus' tree, but I'll attempt to decipher the changelogs on
the -mm tree...

- - -

Douglas J Hunley (doug at hunley.homeip.net) - Linux User #174778
<http://doug.hunley.homeip.net> && <http://www.linux-sxs.org>

It takes 47 muscles to frown, but only 4 to pull the trigger of a finely tuned
sniper rifle.

-----BEGIN PGP SIGNATURE-----

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