

Re: Bugcheck 101

Source:

<http://www.tech-archive.net/Archive/Development/microsoft.public.development.device.drivers/2008-12/msg00103.html>

- *From:* alberto <amoreira@xxxxxxxx>
 - *Date:* Fri, 5 Dec 2008 15:04:44 -0800 (PST)
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This is what the stack in the hung processor looks like:

```
fffffa60`00b92685 : 00000000`dfe5f0a2 00000000`00000008
fffffa60`017d8180 fffff800`02055979 : intelppm!C1Halt+0x2
fffff800`0208f7f8 : fffffa60`017db580 fffffa60`017e1d40
fffffa60`0000040e fffffa60`017ffd40 : intelppm!C1Idle+0x9
fffff800`0207eb21 : fffffa60`017d8180 00000000`00061c82
00000000`00000000 00000000`00000000 : nt!PoIdle+0x148
fffff800`0224c5c0 : 00000000`00000000 00000000`00000000
00000000`00000000 00000000`00000000 : nt!KiIdleLoop+0x21
```

I was assuming that the problem was created by the other processor, but, thanks! This gives me new food for thought. I'll disable intelppm.sys and see what happens!

Alberto.

On Dec 5, 4:07 pm, "Scott Noone" <sno...@xxxxxxxx> wrote:

I've never actually hit this bugcheck, but I'll bite.

The bugcheck information should show the hung processor. Have you looked at the call stack on that processor to see why it's locked up?

—scott

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Scott Noone
Software Engineer
OSR Open Systems Resources, Inc. <http://www.osronline.com>

"Alberto" <more...@xxxxxxxxxxxxxxxx> wrote in message

news:38960766-493e-4629-8459-02f4e82d662f@xx

Re: Bugcheck 101

Hi, All,

I bumped into a nasty, hard to debug crash. It's a Bugcheck 101. It happens when we run one of our products on our Vp2000 volume rendering board: after we play with images for ten or fifteen minutes, the machine gets unresponsive and after a few more seconds we get the blue screen. This is a 4-processor Dell 5400 with hyperthreading on and running 64-bit Vista. There's a lot going on in there at the time of the crash, and all 8 virtual processors are busy at that time.

By the time the dump gets taken, the system's long gone into la-la land, and there isn't much in the dump that's useful to diagnose what's going on. The crash is supposed to be a processor timeout waiting for a timer interrupt, and while processor 3 is the timed out processor, a thread in processor 0 seems to be at IRQL 13, which is the level for the Amd64 timer interrupt. If that's a sustained situation, that might explain what's going on, although actually tracking it requires more work.

There isn't much on the web about this Bugcheck, except the normal "make sure your hw is not overheating or this or that" or "download your latest bios and video drivers". No indication of what in those new versions might actually have fixed the problem!

My user has Daemon Tools installed, and I hear that they install a hard-to-get-rid-of driver called sptd.sys. People on the web say that sptd.sys sometimes interacts with the rest of the system in ways that end up generating a Bugcheck 101. My user uninstalled Daemon Tools but the crash is still there, and I'm pretty sure that sptd.sys has not been disabled.

My question is, do any of you have any experience with this Bugcheck you might be willing to share ? At this point, any information, however minor, will be highly appreciated!

Thanks,

Re: Bugcheck 101

Alberto.– Hide quoted text –

– Show quoted text –