

Re: [acpi-jp 2746] Re: ACPI, USB, and the tangled web

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/current/2003-10/0793.html>

From: Anish Mistry (mistry.7_at_osu.edu)

Date: 10/17/03

To: acpi-jp@jp.FreeBSD.org

Date: Fri, 17 Oct 2003 16:43:52 -0400

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Hash: SHA1

On Friday 17 October 2003 01:25 pm, Nate Lawson wrote:

>

> *The problem is USB although ACPI magnifies it. USB devices can generate
> wake events. In my current testing of a new acpi_cpu driver, I've found
> that just having the USB bus enabled in the kernel (with no devices
> attached) causes it to generate a steady stream of bm_sts sets even though
> the laptop is completely idle. Try disabling usb in your kernel config
> and see if it helps your laptop not wake up. If that works, we've
> narrowed it down a little. You can also try setting debug.acpi.avoid to
> USB_ to try to get it to avoid evaluating that namespace.*

>

USB isn't enabled in the kernel config, it was load via module. This problem only happens after the first suspend and only when the USB module is loaded, but a similar to my sleep_delay (<http://www.freebsd.org/cgi/query-pr.cgi?pr=56394>) problem, the system always suspends once ok, but subsequent with both USB(only when being accessed) and sleep_delay cause reboots. Setting debug.acpi.avoid to USB_ didn't make any difference. When I was trying to debug these issues a month ago I remember it rebooting always sometime after the AcpiEnterSleepStatePrep.

> *I'll probably get around to looking at the USB issue at some point.
> There's a lot of work needed there: suspend/resume for *hci, possibly
> avoiding setting acpi wake events on usb, etc.*

>

>> *There seems to be some ACPI problem, since I just tested the same
procedure
>> on with ACPI disabled and there was no reboot.*

>

> *How were you able to test that with it disabled? Were you suspending with
> apm instead?*

>

Yes.

> *-Nate*

freebsd-current: Re: [acpi-jp 2746] Re: ACPI, USB, and the tangled web

>

Anish Mistry

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