

Re: Rolling back Computer device in device manager (hal.dll) after installing SP2 gives BSOD after restarting?

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*Source:*

[http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.setup\\_deployment/2005-05/msg00065.htm](http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.setup_deployment/2005-05/msg00065.htm)

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- *From:* <[cuentanewslabogel@xxxxxxxxxxxxxxxx](mailto:cuentanewslabogel@xxxxxxxxxxxxxxxx)>
  - *Date:* Mon, 2 May 2005 09:10:45 +0200
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Hi Jason,

thanks for your answer.

I made my comments inlines...

"Jason Tan (MSFT)" <[v-jasont@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:v-jasont@xxxxxxxxxxxxxxxxxxxxxxxx)> escribió en el mensaje [news:fIOKBOLTFHA.388@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:fIOKBOLTFHA.388@xxxxxxxxxxxxxxxxxxxxxxxx)

> Hi,

>

> Thanks for posting!

>

> I understand that you want to rollback to "Advanced Configuration and

> Power

> Interface (ACPI) PC" in Device Manager. However, when rollback it

> experienced the blue screen, the system cannot startup normally.

No, 'updated' my 'hal driver' from "ACPI Multiprocessor PC" (PIV) to "Advanced Configuration and Power Interface (ACPI) PC" (PIII) . Then, after for example a hardware upgrade to a new motherboard, I want to rollback to "ACPI Multiprocessor PC".

>

> Based on the description, please help me know the following information:

>

> 1. How did you perform the image installation? Are you using Ghost?

I'm using PowerQuest Drive Image, but in fact I reproduced this problem with a single PIV PC, just installing in it Windows XP (no SP), 'updating' the hal driver to the PIII hal, installing WinXP SP2, and rolling back to the original PIV Hal driver => BSOD

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>

- > 2. How about the status of the OS now? Can it boot correctly? If it cannot boot up normally, Can it boot into Safe Mode?

No, the OS cannot boot in any mode, it always blue screens giving an error related to ntfs.sys.

>

- > 3. If it can boot up normally, I suggest you do not rollback the driver in Device Manager. You may choose to update the driver and check to see if the issues disappear.

It cannot boot at all so...

Since you told me about imaging, I just wanted to tell you about how problematic is this for us: we have lots of WinXP Workstations with PIII motherboards, where we installed SP2. Now, if we upgrade this motherboards to PIV, we cannot use the PIV hal driver (we cannot roll back the hal driver to the original PIV hal)....

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- *Follow-Ups:*

- ◆ *Re: Rolling back Computer device in device manager (hal.dll) after installing SP2 gives BSOD after restarting?*

◇ *From:* Jason Tan (MSFT)

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