

Re: Installed SP1; random Machine Check Exceptions result

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.general/2004-02/6085.html>

From: Black Baptist (pray_at_the.church.com)

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Source System

Type Error

Description Error code <error code>, parameter1 <value>, parameter2 <value>, parameter3 <value>, parameter4 <value>.

Things to understand What are the Windows error codes?

Comments Adrian Grigorof (Last update 10/6/2003):

Most of the problems leading to this event indicate faulty hardware, bugs in device drivers or incompatible hardware.

A troubleshooting approach from a newsgroup post: "Boot from CD to start the Recovery Console, then read setuplog.txt, and setupapi.log, to see what happens when it boots.

Another newsgroup posts suggests that this error requires the debugger to look at the parameters of the error. Usually this is some hardware driver failure. Running 'verifier' may identify it. Article Q244617 – How to Use Driver Verifier to Troubleshoot Device Drivers in Windows 2000 may help."

Error code 0000000a = "IRQL_NOT_LESS_OR_EQUAL" – The error that generates this bug check usually occurs after the installation of a faulty device driver, system service, or BIOS. For additional details see the link to error code 0x0000000a.

Error code 00000020 = "KERNEL_APC_PENDING_DURING_EXIT" – May indicate a bug in a device driver. For additional details see the link to error code 0x00000020.

Error code 00000050 = "PAGE_FAULT_IN_NONPAGED_AREA" – See the link to error code 00000050 for information about what may cause this.

Error code 0000009c = "MACHINE_CHECK_EXCEPTION" – This indicates that a fatal machine check exception has occurred. See also Q162363 and error code 0x0000009c.

Error code 000000ce =

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"DRIVER_UNLOADED_WITHOUT_CANCELLING_PENDING_OPERATIONS" – This indicates that a driver failed to cancel pending operations before unloading. If the driver responsible for the error can be identified, its name is printed on the blue screen.

Error code 000000ea = "THREAD_STUCK_IN_DEVICE_DRIVER" – A device driver is spinning in an infinite loop, most likely waiting for hardware to become idle. This usually indicates problem with the hardware itself, or with the device driver programming the hardware incorrectly. In many cases this is the result of a bad video card or a bad display driver.

Error code 1000007f = "UNEXPECTED_KERNEL_MODE_TRAP_M" – The first parameter displayed on the blue screen specifies the trap number. Trap number 0x00000000,