

Re: Bsod irq!_not_less_or_equal

Source:

http://www.tech-archive.net/Archive/Vista/microsoft.public.windows.vista.performance_maintenance/2008-10/msg00

- *From:* "Mark H" <jmhonzell@xxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 27 Oct 2008 09:07:29 -0500
-

<http://support.microsoft.com/kb/195857>

Arg1: ffffffff_c0000005_, The exception code that was not handled

<http://support.microsoft.com/kb/275678>

This is typically the result of a new driver. You state you have loaded three: External HDD, Nvidia, and Creative.

Try uninstalling or disable the External HDD from Device Manager and rolling back Nvidia and Creative (one at a time.)

"RichTaylor1974" <guest@xxxxxxxxxxxxxxxxxxxxx> wrote in message news:29fbbafea120efe627eebd3ff4f335a3@xxxxxxxxxxxxxxxxxxxxx

Hi,

Thanks in advance for any help.

I've copied the Memory.dmp file below. The only pattern appears to be when I'm opening or using significant memory, e.g copying or moving images, playing Command and Conquer etc.

I've added an external USB HDD, a few software apps and I've loaded the latest drivers for NVidia and Creative because (in my experience) most issues relate to one or the other.

Loading Dump File [C:\Windows\MEMORY.DMP]
Kernel Summary Dump File: Only kernel address space is available

Code:

Symbol search path is: SRV*c:\symbols*'Symbol information'

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(<http://msdl.microsoft.com/download/symbols>)

Executable search path is:
Windows Server 2008 Kernel Version 6001 (Service Pack 1) MP (2 procs)

Free x64

Product: WinNt, suite: TerminalServer SingleUserTS Personal
Built by: 6001.18145.amd64fre.vistasp1_gdr.080917-1612
Kernel base = 0xfffff800`02601000 PsLoadedModuleList =

0xfffff800`027c6db0

Debug session time: Fri Oct 24 23:13:06.585 2008 (GMT+1)
System Uptime: 0 days 0:07:10.413
Loading Kernel Symbols

.....
.....
..

Loading User Symbols
PEB is paged out (Peb.Ldr = 000007ff`ffdd018). Type ".hh dbgerr001" for

details

Loading unloaded module list
.....

* *
* Bugcheck Analysis *
* *

Use !analyze -v to get detailed debugging information.

BugCheck 1E, {ffffffffffc0000005, ffffffa6000a0e248, 0, ffffffff} {ffffffffffc0000005, ffffffa6000a0e248, 0, ffffffff}

Page aa9ba not present in the dump file. Type ".hh dbgerr004" for

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Probably caused by : Unknown_Image (PAGE_NOT_ZERO_VISTA)

Followup: MachineOwner

*** Memory manager detected 2 instance(s) of page corruption, target is likely to have memory corruption.

1: kd> !analyze -v

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* Bugcheck Analysis *
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KMODE_EXCEPTION_NOT_HANDLED (1e)

This is a very common bugcheck. Usually the exception address pinpoints the driver/function that caused the problem. Always note this address as well as the link date of the driver/image that contains this address.

Arguments:

- Arg1: ffffffff00000005, The exception code that was not handled
- Arg2: fffffa6000a0e248, The address that the exception occurred at
- Arg3: 0000000000000000, Parameter 0 of the exception
- Arg4: ffffffff00000000, Parameter 1 of the exception

Debugging Details:

Page aa9ba not present in the dump file. Type ".hh dbgerr004" for details

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EXCEPTION_CODE: (NTSTATUS) 0xc0000005 – The instruction at 0x%08lx
referenced memory at 0x%08lx. The memory could not be %s.

FAULTING_IP:

fltmgr!TreeFindNodeOrParent+8

fffffa60`00a0e248 498b4220 mov rax,qword ptr [r10+20h]

EXCEPTION_PARAMETER1: 0000000000000000

EXCEPTION_PARAMETER2: ffffffffefefefef

READ_ADDRESS: ffffffffefefefef

DEFAULT_BUCKET_ID: VISTA_DRIVER_FAULT

BUGCHECK_STR: 0x1E

PROCESS_NAME: svchost.exe

CURRENT_IRQL: 1

BAD_PAGES_DETECTED: 2

LAST_CONTROL_TRANSFER: from fffff8000262fe47 to fffff80002656350

STACK_TEXT:

fffffa60`0f231378 fffff800`0262fe47 : 00000000`0000001e

fffffff`c0000005 fffffa60`00a0e248 00000000`00000000 : nt!KeBugCheckEx

fffffa60`0f231380 fffff800`026561a9 : fffffa60`0f231ab8

fffffa80`043abbb8 fffffa60`0f231b60 fffffa80`0447c360 : nt! ??

::FNODOBFM::`string'+0x29317

fffffa60`0f231980 fffff800`02654d8d : fffffa80`04eac060

80000000`100bc963 00000000`00000002 fffffa60`0101b97f :

nt!KiExceptionDispatch+0xa9

fffffa60`0f231b60 fffffa60`00a0e248 : fffffa60`00a0e1cb

Re: Bsod irq!_not_less_or_equal

fffffa80`04c4c010 fffffa80`04c4c028 fffffa80`04c4c010 :
nt!KiGeneralProtectionFault+0xcd

fffffa60`0f231cf8 fffffa60`00a0e1cb : fffffa80`04c4c010

fffffa80`04c4c028 fffffa80`04c4c010 fffffa80`052af040 :
fltmgr!TreeFindNodeOrParent+0x8

fffffa60`0f231d00 fffffa60`00a3e027 : 00000000`00000000

fffffa80`043abb20 fffffa80`043abb20 00000000`00000001 :
fltmgr!TreeInsert+0x2b

fffffa60`0f231d30 fffffa60`00a10c4a : fffffa80`04c4c010

fffffa80`043abb20 fffffa80`0447c300 fffffa80`052afe10 :
fltmgr!FltpCacheCreateNames+0x2f7

fffffa60`0f231db0 fffffa60`00a2726c : fffffa80`052af040

fffffa80`052af8d0 fffffa80`041e4c00 fffffa60`0f231e70 : fltmgr! ??
::FNODOBFM::`string'+0x236f

fffffa60`0f231e20 fffff800`028dbd83 : 00000000`00000060

00000000`00000240 fffffa80`04b3a628 fffff800`098a0210 :
fltmgr!FltpCreate+0x25d

fffffa60`0f231ed0 fffff800`028d5672 : fffffa80`052af040

00000000`00000000 fffffa80`0a65eb10 00000000`00000000 :
nt!IopParseDevice+0x5e3

fffffa60`0f232070 fffff800`028d9944 : ffffffff`800025cc

fffffa80`0a6bcb00 fffffa80`00000240 00000000`00000000 :
nt!ObpLookupObjectName+0x202

fffffa60`0f232180 fffff800`028e5ee0 : 00000000`00000081

fffffa60`0f232630 00000000`00000000 fffffa80`0488ca00 :
nt!ObOpenObjectByName+0x2f4

fffffa60`0f232250 fffff800`028b261a : fffffa60`0f232518

00000000`00000081 fffff800`098a0210 fffffa60`0f232550 :
nt!IopCreateFile+0x290

fffffa60`0f2322f0 fffffa60`00a28dc9 : 00000000`00000000

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fffffa60`0f232620 00000000`00000000 00000000`00000081 :
nt!IoCreateFileEx+0xfa

fffffa60`0f232390 fffffa60`00a59f50 : 00000000`00000007

00000000`00000000 fffffa60`0f232518 fffffa60`0f232508 :
fltMgr!FltCreateFileEx2+0x169

fffffa60`0f232480 fffff800`0295b217 : fffffa80`039c6501

fffff800`0265d201 00000000`00000000 fffffa80`05ccbd60 :
fileinfo!FIPfInterfaceOpen+0x400

fffffa60`0f232600 fffff800`02a03aa7 : 00000000`00000081

ffffffffff`ffe91ca0 fffffa60`0f232718 fffffa80`00000000 :
nt!PfpOpenHandleCreate+0x117

fffffa60`0f2326d0 fffff800`02a05dc6 : 00000000`00000000

fffff880`0da0b980 fffff880`0da00000 fffffa60`00000060 :
nt!PfpFileBuildReadSupport+0xe7

fffffa60`0f2327c0 fffff800`02a2f7a9 : fffff880`00000000

00000000`00000001 00000000`000003d9 00000000`00000000 :
nt!PfpPrefetchFilesTrickle+0x126

fffffa60`0f2328c0 fffff800`02a2fa62 : 00000000`00000000

fffffa60`0f232ca0 fffffa60`0f232a08 fffff880`0da00001 :
nt!PfpPrefetchRequestPerform+0x2f9

fffffa60`0f232960 fffff800`02a2fcc6 : fffffa60`0f232a08

00000000`00000001 fffffa80`0a23bc80 00000000`00000000 :
nt!PfpPrefetchRequest+0x171

fffffa60`0f2329d0 fffff800`02a423f8 : 00000000`00000000

00000000`00000004 00000000`00000000 00000000`05ffef01 :
nt!PfSetSuperfetchInformation+0x1a5

fffffa60`0f232ab0 fffff800`02655df3 : fffffa80`04eac060

00000000`05fff790 fffffa80`048ea201 00000000`000a47f6 :
nt!NtSetSystemInformation+0x8fb

fffffa60`0f232c20 00000000`773370ea : 00000000`00000000

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00000000`00000000 00000000`00000000 00000000`00000000 :
nt!KiSystemServiceCopyEnd+0x13

00000000`05fff6e8 00000000`00000000 : 00000000`00000000

00000000`00000000 00000000`00000000 00000000`00000000 : 0x773370ea

STACK_COMMAND: kb

SYMBOL_NAME: PAGE_NOT_ZERO_VISTA

FOLLOWUP_NAME: MachineOwner

MODULE_NAME: Unknown_Module

IMAGE_NAME: Unknown_Image

DEBUG_FLR_IMAGE_TIMESTAMP: 0

BUCKET_ID: PAGE_NOT_ZERO_VISTA

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likely to have memory corruption.

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STACK_COMMAND: kb

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FOLLOWUP_NAME: MachineOwner

MODULE_NAME: Unknown_Module

IMAGE_NAME: Unknown_Image

DEBUG_FLR_IMAGE_TIMESTAMP: 0

BUCKET_ID: PAGE_NOT_ZERO_VISTA

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