

Blue screen - ndis.sys - on Vista ...



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Apr 13, 2009 Hello everyone,

Everything was working incredibly well with Fusion on my iMac/10.5.6 until last week. Since then, every day at least once or twice I see the blue screen originating from ndis.sys DRIVER_IRQL_NOT_LESS_OR_EQUAL. There is no particular action that seems to invokes it. Any ideas on how to avoid the system crashing on me so frequently. I have included below detailed error messages and stack crawl from the crash.

thanks,
abhigyan

Fusion 2.0.3 (156731)

Guest Operating System: Vista Enterprise x86 English with SP1

Guest Settings: 2CPUs/1024MB/3D Enabled/Bridged Network/SCSI Disk 32 GB/Floppy/No printers/USB devices/CD Auto detect

Host: intel iMac, 2 Cores.

Windbg output:

0: kd> !analyze -v

- *
- Bugcheck Analysis *
- *

DRIVER_IRQL_NOT_LESS_OR_EQUAL (d1)

An attempt was made to access a pageable (or completely invalid) address at an interrupt request level (IRQL) that is too high. This is usually caused by drivers using improper addresses.

If kernel debugger is available get stack backtrace.

Arguments:

Arg1: 00000014, memory referenced

Arg2: 00000002, IRQL

Arg3: 00000000, value 0 = read operation, 1 = write operation

Arg4: 81f799d0, address which referenced memory

Debugging Details:

READ_ADDRESS: GetPointerFromAddress: unable to read from 81949868

Unable to read MiSystemVaType memory at 81929420

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00000014

CURRENT_IRQL: 2

FAULTING_IP:

ndis!NdisParseReceivedNBL+a8

81f799d0 8b5914 mov ebx,dword ptr [ecx+14h](#)

CUSTOMER_CRASH_COUNT: 1

DEFAULT_BUCKET_ID: VISTA_DRIVER_FAULT

BUGCHECK_STR: 0xD1

PROCESS_NAME: System

TRAP_FRAME: 819078b8 -- (.trap 0xfffffff819078b8)

ErrCode = 00000000

eax=837e3208 ebx=00000000 ecx=00000000 edx=00000000 esi=819079a4 edi=837e3180

eip=81f799d0 esp=8190792c ebp=81907940 iopl=0 nv up ei pl zr na pe nc

cs=0008 ss=0010 ds=0023 es=0023 fs=0030 gs=0000 efl=00010246

ndis!NdisParseReceivedNBL+0xa8:

81f799d0 8b5914 mov ebx,dword ptr [ecx+14h](#) ds:0023:00000014=????????

Resetting default scope

LAST_CONTROL_TRANSFER: from 81f799d0 to 8186cd24

STACK_TEXT:

819078b8 81f799d0 badb0d00 00000000 00000002 nt!KiTrap0E+0x2ac

81907940 81f79b40 819079a4 837e3180 81907984 ndis!NdisParseReceivedNBL+0xa8

8190798c 81f79835 009079a4 81863645 8502d438 ndis!NdisSortNetBufferLists+0x7d

81907b08 81ec1123 8502d438 00000000 00000000 ndis!NdisMDispatchReceiveNetBufferLists+0xce

81907b44 81ec1234 907b7400 81907b94 81907c50 ndis!NdisDoPeriodicReceivesIndication+0x170

81907b68 818c8c40 83fba728 00000000 9a8c2895 ndis!NdisPeriodicReceivesTimer+0x48

81907c88 818c8876 81907cd0 fd000002 81907cd8 nt!KiTimerListExpire+0x367

81907ce8 818c83c3 00000000 00000000 0048a1bf nt!KiTimerExpiration+0x2a0

81907d50 818c6edd 00000000 0000000e 00000000 nt!KiRetireDpcList+0xba

81907d54 00000000 0000000e 00000000 00000000 nt!KildleLoop+0x49

STACK_COMMAND: kb

FOLLOWUP_IP:

ndis!NdisParseReceivedNBL+a8

81f799d0 8b5914 mov ebx,dword ptr [ecx+14h](#)

SYMBOL_STACK_INDEX: 1

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SYMBOL_NAME: ndis!ndisParseReceivedNBL+a8

FOLLOWUP_NAME: MachineOwner

MODULE_NAME: ndis

IMAGE_NAME: ndis.sys

DEBUG_FLR_IMAGE_TIMESTAMP: 479190e7

FAILURE_BUCKET_ID: 0xD1_ndis!ndisParseReceivedNBL+a8

BUCKET_ID: 0xD1_ndis!ndisParseReceivedNBL+a8

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