

Help with crash dump

Posted by Liam - 03 Feb 2011 - 13:03

Hi, I am have a regular crash of my machine every 2-3 days.

below is the analysis of the problem "Open Crash Dump ...".

Can anyone suggest the problem? Is it faulty memory or a driver fault?

```
kd> !analyze -v
```

```
*****  
*                                     *  
*           Bugcheck Analysis           *  
*                                     *  
*****
```

IRQL_NOT_LESS_OR_EQUAL (a)

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 a kernel debugger is available get the stack backtrace.

Arguments:

Arg1: 00000140, memory referenced

Arg2: 00000002, IRQL

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

Arg4: 804eb5b9, address which referenced memory

Debugging Details:

OVERLAPPED_MODULE: tmcomm

READ_ADDRESS: 00000140

CURRENT_IRQL: 2

FAULTING_IP:

nt!PsReturnProcessNonPagedPoolQuota+19

804eb5b9 8bb040010000 mov esi,

CUSTOMER_CRASH_COUNT: 1

DEFAULT_BUCKET_ID: DRIVER_FAULT

BUGCHECK_STR: 0xA

LAST_CONTROL_TRANSFER: from 80673470 to 804eb5b9

IRP_ADDRESS: 8aa22f00

DEVICE_OBJECT: 89fbf030

TRAP_FRAME: a909db50 -- (.trap ffffffff909db50)

ErrCode = 00000000

eax=00000000 ebx=8aa22f00 ecx=89c5dbd0 edx=00000000 esi=89c5dbd0 edi=a909dc23

eip=804eb5b9 esp=a909dbc4 ebp=a909dbe4 iopl=0 nv up ei pl nz na pe cy

cs=0008 ss=0010 ds=0023 es=0023 fs=0030 gs=0000 efl=00010203

nt!PsReturnProcessNonPagedPoolQuota+0x19:

804eb5b9 8bb040010000 mov esi, ds:0023:00000140=????????

Resetting default scope

STACK_TEXT:

a909dbe4 80673470 00000000 00000000 89bc2a20 nt!PsReturnProcessNonPagedPoolQuota+0x19

a909dc08 8066be88 00000000 8aa22f00 a909dc68 nt!VerifierIoFreeIrp+0x109

a909dc18 804ec9cb 8aa22f00 00000103 806f02d0 nt!lovFreeIrpPrivate+0x41

a909dc68 80568065 8aa22f40 a909dcac a909dc98 nt!lopCompleteRequest+0x316

a909dc90 80576703 89fbf030 00000000 89bc2a20 nt!lopSynchronousServiceTail+0xb8

a909dd38 804de7ec 00000228 00000000 00000000 nt!NtReadFile+0x580

a909dd38 7c90e514 00000228 00000000 00000000 nt!KiFastCallEntry+0xf8

WARNING: Frame IP not in any known module. Following frames may be wrong.

0012f5b0 00000000 00000000 00000000 00000000 0x7c90e514

FOLLOWUP_IP:

nt!PsReturnProcessNonPagedPoolQuota+19

804eb5b9 8bb040010000 mov esi,

SYMBOL_STACK_INDEX: 0

FOLLOWUP_NAME: MachineOwner

SYMBOL_NAME: nt!PsReturnProcessNonPagedPoolQuota+19

MODULE_NAME: nt

IMAGE_NAME: ntoskrnl.exe

DEBUG_FLR_IMAGE_TIMESTAMP: 4a78505a

STACK_COMMAND: .trap ffffffff909db50 ; kb

FAILURE_BUCKET_ID: 0xA_nt!PsReturnProcessNonPagedPoolQuota+19

BUCKET_ID: 0xA_nt!PsReturnProcessNonPagedPoolQuota+19

Followup: MachineOwner

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