

## ASP hang

Posted by Keith - 21 Jul 2010 - 15:07

Hi

I'd be very grateful for any help with interpreting the following analysis from WinDbg. The problem is an ASP application hanging about once a day. The only solution is to manually recycle the application pool. The server is Windows 2003 and IIS6.

Many thanks in advance.

Here's the output:

```
0:000:x86> !analyze -v
```

```
*** WARNING: symbols timestamp is wrong 0x499007dc 0x49900d5a for ntdll.dll
```

```
*****
```

```
*                                     *
*           Exception Analysis           *
*                                     *
*****
```

```
*** ERROR: Symbol file could not be found. Defaulted to export symbols for hotlinkprot.dll -
```

```
*** ERROR: Symbol file could not be found. Defaulted to export symbols for ISAPI_Rewrite.dll -
```

```
*** ERROR: Symbol file could not be found. Defaulted to export symbols for mtbnotif.dll -
```

```
*** WARNING: symbols timestamp is wrong 0x474b83d7 0x474b8467 for asp.dll
```

```
*** WARNING: symbols timestamp is wrong 0x45d6cc1d 0x45d70ad8 for comsvcs.dll
```

```
*** ERROR: Symbol file could not be found. Defaulted to export symbols for fcgiext.dll -
```

```
FAULTING_IP:
```

```
+5befd80
```

```
00000000 ??      ???
```

```
EXCEPTION_RECORD: ffffffff -- (.exr 0xfffffffffffff)
```

```
ExceptionAddress: 0000000000000000
```

```
ExceptionCode: 80000003 (Break instruction exception)
```

```
ExceptionFlags: 00000000
```

```
NumberParameters: 0
```

```
FAULTING_THREAD: 000000000000068c8
```

```
DEFAULT_BUCKET_ID: ZEROED_STACK
```

```
PROCESS_NAME: w3wp.exe
```

```
OVERLAPPED_MODULE: Address regions for 'activeds' and ' ' overlap
```

```
ERROR_CODE: (NTSTATUS) 0x80000003 - {EXCEPTION} Breakpoint A breakpoint has been reached.
```

```
EXCEPTION_CODE: (HRESULT) 0x80000003 (2147483651) - One or more arguments are invalid
```

MOD\_LIST:

APPLICATION\_VERIFIER\_FLAGS: 0

PRIMARY\_PROBLEM\_CLASS: ZEROED\_STACK

BUGCHECK\_STR: APPLICATION\_FAULT\_ZEROED\_STACK

LAST\_CONTROL\_TRANSFER: from 000000007d4d8c9e to 000000007d61c846

STACK\_TEXT:

0014fc0c 7d4d8c9e 00000190 00000000 00000000 ntdll!\_7d600000!ZwWaitForSingleObject+0x15  
0014fc7c 7d4d8c0d 00000190 ffffffff 00000000 kernel32!WaitForSingleObjectEx+0xac  
0014fc90 5a364692 00000190 ffffffff 00000000 kernel32!WaitForSingleObject+0x12  
0014fca0 5a366f27 003354c8 5a3af3dd 00000000 w3dt!WP\_CONTEXT::RunMainThreadLoop+0x10  
0014fca8 5a3af3dd 00000000 64711dcf 00000000 w3dt!UIAtqStartListen+0x2d  
0014fcb8 5a3bc315 01001418 010013e4 010012d0 w3core!W3\_SERVER::StartListen+0xbd  
0014ff0c 0100187c 00000007 00333a30 00000000 w3core!UIW3Start+0x26e  
0014ff44 01001a27 00000007 00333a30 003348c8 w3wp!wmain+0x22a  
0014ffc0 7d4e7d42 00000000 00000000 ffd000 w3wp!wmainCRTStartup+0x12f  
0014fff0 00000000 010018f8 00000000 000000c8 kernel32!BaseProcessStart+0x28

STACK\_COMMAND: ~0s; .ecxr ; kb

FOLLOWUP\_IP:

ntdll!\_7d600000!ZwWaitForSingleObject+15  
7d61c846 c20c00 ret 0Ch

SYMBOL\_STACK\_INDEX: 0

SYMBOL\_NAME: ntdll!ZwWaitForSingleObject+15

FOLLOWUP\_NAME: MachineOwner

MODULE\_NAME: ntdll!\_7d600000

IMAGE\_NAME: ntdll.dll

DEBUG\_FLR\_IMAGE\_TIMESTAMP: 499007dc

FAILURE\_BUCKET\_ID: ZEROED\_STACK\_80000003\_ntdll.dll!ZwWaitForSingleObject

BUCKET\_ID: X64\_APPLICATION\_FAULT\_ZEROED\_STACK\_ntdll!ZwWaitForSingleObject+15

WATSON\_IBUCKET: 395708677

WATSON\_IBUCKETTABLE: 1

WATSON\_STAGEONE\_URL:

[http://watson.microsoft.com/StageOne/w3wp\\_exe/6\\_0\\_3790\\_3959/45d6968e/unknown/0\\_0\\_0\\_0/bbbbbbb4/80000003/00000000.htm?Retriage=1](http://watson.microsoft.com/StageOne/w3wp_exe/6_0_3790_3959/45d6968e/unknown/0_0_0_0/bbbbbbb4/80000003/00000000.htm?Retriage=1)

Followup: MachineOwner  
-----

0:000:x86> ~\*k

. 0 Id: d04c.68c8 Suspend: 0 Teb: fffdb000 Unfrozen  
ChildEBP RetAddr  
0014fc0c 7d4d8c9e ntdll!\_7d600000!ZwWaitForSingleObject+0x15  
0014fc7c 7d4d8c0d kernel32!WaitForSingleObjectEx+0xac  
0014fc90 5a364692 kernel32!WaitForSingleObject+0x12  
0014fca0 5a366f27 w3dt!WP\_CONTEXT::RunMainThreadLoop+0x10  
0014fca8 5a3af3dd w3dt!UIAtqStartListen+0x2d  
0014fcb8 5a3bc315 w3core!W3\_SERVER::StartListen+0xbd  
0014ff0c 0100187c w3core!UIW3Start+0x26e  
0014ff44 01001a27 w3wp!wmain+0x22a  
0014ffc0 7d4e7d42 w3wp!wmainCRTStartup+0x12f  
0014fff0 00000000 kernel32!BaseProcessStart+0x28

1 Id: d04c.1003c Suspend: 0 Teb: fffd8000 Unfrozen  
ChildEBP RetAddr  
0088fea4 7d63f521 ntdll!\_7d600000!ZwWaitForMultipleObjects+0x15  
0088ff48 7d63f9a8 ntdll!\_7d600000!EtwpWaitForMultipleObjectsEx+0xf7  
0088ffb8 7d4dfe37 ntdll!\_7d600000!EtwpEventPump+0x27f  
0088ffec 00000000 kernel32!BaseThreadStart+0x34

2 Id: d04c.16cc Suspend: 0 Teb: fffd5000 Unfrozen  
ChildEBP RetAddr  
0104ffa0 7d634d89 ntdll!\_7d600000!NtDelayExecution+0x15  
0104ffb8 7d4dfe37 ntdll!\_7d600000!RtlpTimerThread+0x47  
0104ffec 00000000 kernel32!BaseThreadStart+0x34

3 Id: d04c.3c24 Suspend: 0 Teb: fffad000 Unfrozen  
ChildEBP RetAddr  
010cff74 7d62e159 ntdll!\_7d600000!ZwRemovelCompletion+0x15  
010cffb8 7d4dfe37 ntdll!\_7d600000!RtlpWorkerThread+0x3d  
010cffec 00000000 kernel32!BaseThreadStart+0x34

4 Id: d04c.11e0c Suspend: 0 Teb: fffaa000 Unfrozen  
ChildEBP RetAddr  
0116fd1c 7da3da80 ntdll!\_7d600000!ZwReplyWaitReceivePortEx+0x12  
0116ff84 7da45eac rpcrt4!LRPC\_ADDRESS::ReceiveLotsaCalls+0x198  
0116ff8c 7da45dd0 rpcrt4!RecvLotsaCallsWrapper+0xd  
0116ffac 7da45e94 rpcrt4!BaseCachedThreadRoutine+0x9d  
0116ffb8 7d4dfe37 rpcrt4!ThreadStartRoutine+0x1b  
0116ffec 00000000 kernel32!BaseThreadStart+0x34

5 Id: d04c.4ae0 Suspend: 0 Teb: fffa7000 Unfrozen  
ChildEBP RetAddr  
011eff0c 7d4d0ec9 ntdll!\_7d600000!NtDelayExecution+0x15  
011eff74 7d4d14ef kernel32!SleepEx+0x68  
011eff84 776bbb0f kernel32!Sleep+0xf  
011eff90 776bbab4 ole32!CROIDTable::WorkerThreadLoop+0x14

011effac 776b1704 ole32!CRpcThread::WorkerLoop+0x26  
011effb8 7d4dfe37 ole32!CRpcThreadCache::RpcWorkerThreadEntry+0x20  
011effec 00000000 kernel32!BaseThreadStart+0x34

6 Id: d04c.f2e8 Suspend: 0 Teb: ffa4000 Unfrozen  
ChildEBP RetAddr  
013ef458 7d628698 ntdll\_7d600000!ZwWaitForSingleObject+0x15  
013ef494 7d628596 ntdll\_7d600000!RtlpWaitOnCriticalSection+0x1a3  
013ef4b4 67a86482 ntdll\_7d600000!RtlEnterCriticalSection+0xa8  
WARNING: Stack unwind information not available. Following frames may be wrong.  
013ef594 7c4239cb hotlinkprot!TerminateFilter+0x5462  
013ef5e4 fa375121 msvcp80!std::basic\_string::assign+0x6a  
00000000 00000000 0xfa375121

7 Id: d04c.4ce8 Suspend: 0 Teb: ffa1000 Unfrozen  
ChildEBP RetAddr  
0146f458 7d628698 ntdll\_7d600000!ZwWaitForSingleObject+0x15  
0146f494 7d628596 ntdll\_7d600000!RtlpWaitOnCriticalSection+0x1a3  
0146f4b4 67a86482 ntdll\_7d600000!RtlEnterCriticalSection+0xa8  
WARNING: Stack unwind information not available. Following frames may be wrong.  
0146f594 7c4239cb hotlinkprot!TerminateFilter+0x5462  
0146f5e4 fa4f5121 msvcp80!std::basic\_string::assign+0x6a  
00000000 00000000 0xfa4f5121

8 Id: d04c.2720 Suspend: 0 Teb: fff9e000 Unfrozen  
ChildEBP RetAddr  
014ef458 7d628698 ntdll\_7d600000!ZwWaitForSingleObject+0x15  
014ef494 7d628596 ntdll\_7d600000!RtlpWaitOnCriticalSection+0x1a3  
014ef4b4 67a86482 ntdll\_7d600000!RtlEnterCriticalSection+0xa8  
WARNING: Stack unwind information not available. Following frames may be wrong.  
014ef594 7c4239cb hotlinkprot!TerminateFilter+0x5462  
014ef5e4 fa475121 msvcp80!std::basic\_string::assign+0x6a  
00000000 00000000 0xfa475121

9 Id: d04c.553c Suspend: 0 Teb: fff9b000 Unfrozen  
ChildEBP RetAddr  
0156f458 7d628698 ntdll\_7d600000!ZwWaitForSingleObject+0x15  
0156f494 7d628596 ntdll\_7d600000!RtlpWaitOnCriticalSection+0x1a3  
0156f4b4 67a86482 ntdll\_7d600000!RtlEnterCriticalSection+0xa8  
WARNING: Stack unwind information not available. Following frames may be wrong.  
0156f594 7c4239cb hotlinkprot!TerminateFilter+0x5462  
0156f5e4 fa5f5121 msvcp80!std::basic\_string::assign+0x6a  
00000000 00000000 0xfa5f5121

10 Id: d04c.c510 Suspend: 0 Teb: fff98000 Unfrozen  
ChildEBP Re

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