

## Re: Windows 2003 hangs with Jet Engine

**Source:**

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.general/2004-04/2261.html>

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**Date:** 04/26/04

Date: Mon, 26 Apr 2004 10:03:59 +0200

Send it to microsoft.public.inetsrv.iis instead. The people analyzing this is in that newsgroup.

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Regards,

Kristofer Gafvert

"David" <david\_eastes@yahoo.com> wrote in message

news:DB836D0B-FA02-44B8-9FCC-78F46BCA2FC7@microsoft.com...

> Hi...My bank website on a newly setup Windows 2003 server are hanging. It uses a Microsoft Access database. In my research, I noticed that the Jet Engine bug might be the problem. So I verified I was updated on my hotfixes and installed IISState to catch information on the next hang. I'm there.

>

> Here is the history. I recently migrated my ASP-based website from Windows 2000 server to Windows 2003 server. My website uses an Access database to generate the menus and then log a timestamp when the user authenticates. I have noticed since the upgrade the website will hang and not serve any more pages. Recycling worker processes doesn't help. The only thing that does help is rebooting. I reduced the value for cycling worker processes so that it cycles more frequently. Now it only hangs once every two weeks.

>

> I installed IISState on the server and captured three dump files and one log file during one incident. There is a lot of information in the log. Below are the values from two of the threads. I can send others upon request. I read that this might be a known bug with Windows 2003 server and Jet Engine. The server is running Windows 2003 Server Standard Edition and Hotfix for KB829558 (Jet Engine 4 SP8). There are other Hotfixes installed.

>

> Any help would be appreciated. Thank you.

>

> Dave

>

>

> Thread ID: 14

> System Thread ID: b10

> Kernel Time: 0:0:1.281

> User Time: 0:0:0.828

> Other information: Thread is waiting for a lock to be released. Looking for lock owner.

> Owning thread System ID: b84

> Thread Type: Jet DB Query. Possible ASP Page

>

> # ChildEBP RetAddr

> 00 025cc934 77f43741 SharedUserData!SystemCallStub+0x4

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```
> 01 025cc938 77f5d64e ntdll!ZwWaitForSingleObject+0xc
> 02 025cc974 77f42044 ntdll!RtlpWaitForCriticalSection+0x126
> 03 025cc97c 1b005744 ntdll!RtlEnterCriticalSection+0x46
> 04 025cc984 1b00a109 msjet40!UtilEnterCriticalSection+0xb
> 05 025cc99c 02d3693a msjet40!JetSetSystemParameter+0x2f
> 06 025cce74 02d375ec odbcjt32!TellJetAboutRegistry+0xf7
> 07 025cdfd8 02d38da4 odbcjt32!SQLConnectCover+0x395
> 08 025ce00c 02ad1c0f odbcjt32!SQLDriverConnectW+0x3d
> 09 025ce050 02ad18cb ODBC32!SQLInternalDriverConnectW+0x142
> 0a 025ce794 02a82049 ODBC32!SQLDriverConnectW+0x6ba
> 0b 025ce7fc 02a821d0 msdasql!CODBCHandle::OHDriverConnect+0x80
> 0c 025ce81c 02a82313 msdasql!CHdbcNode::DriverConnect+0x20
> 0d 025ce860 029e4602 msdasql!CImpIDBInitialize::Initialize+0x161
> 0e 025ce88c 029e46a3 oledb32!CDBInitialize::DoInitialize+0x32
> 0f 025ce8bc 029e2d75 oledb32!CDBInitialize::Initialize+0x58
> 10 025ce968 755f5681 oledb32!CDCMPool::CreateResource+0x1fa
> 11 025ce9a4 755f67cf comsvcs!CHolder::SafeDispenserDriver::CreateResource+0x25
> 12 025cea00 029e3319 comsvcs!CHolder::AllocResource+0x325
> 13 025cea50 029e4748 oledb32!CDCMPool::DrawResource+0x9d
> 14 025ceaa8 029e320e oledb32!CDCMPoolManager::DrawResource+0x185
> 15 025ceb08 026a6a9b oledb32!CDPO::Initialize+0x136
> 16 025cec08 026a6c37 msado15!_ConnectAsync+0x1da
> 17 025cec18 026a694e msado15!ConnectAsync+0x1f
> 18 025ced88 026f2b71 msado15!CConnection::Open+0xa26
> 19 025cede0 026d102e msado15!CRecordset::SetActiveConnection+0x191
> 1a 025cee18 026d0c94 msado15!CRecordset::put_ActiveConnection+0x5f
> 1b 025cef90 026c0bd9 msado15!CRecordset::Open+0x2af
> 1c 025cf3dc 7348b427 msado15!CRecordset::Invoke+0x12ff
> 1d 025cf430 7347f39c vbscript!CatchIDispatchInvoke+0x46
> 1e 025cf47c 7346368c vbscript!IDispatchInvoke+0x95
> 1f 025cf590 73462f95 vbscript!InvokeDispatch+0x138
> 20 025cf5b4 734635ef vbscript!InvokeByName+0x40
> 21 025cf890 73463c33 vbscript!CScriptRuntime::Run+0x2625
> 22 025cf994 73463d42 vbscript!CScriptEntryPoint::Call+0x65
> 23 025cf9f8 73464081 vbscript!CSession::Execute+0xb6
> 24 025cfa48 734640ee vbscript!ColeScript::ExecutePendingScripts+0x14a
> 25 025cfa64 709e5e87 vbscript!ColeScript::SetScriptState+0x14e
> 26 025cfa90 709e5ee1 asp!CActiveScriptEngine::TryCall+0x17
> 27 025cfacc 709e5f21 asp!CActiveScriptEngine::Call+0x31
> 28 025cfae0 709e6227 asp!CallScriptFunctionOfEngine+0x21
> 29 025cfb18 709e6393 asp!ExecuteRequest+0x138
> 2a 025cfb60 709e5573 asp!Execute+0x16a
> 2b 025cfbb0 709e5726 asp!CHitObj::ViperAsyncCallback+0x3ec
> 2c 025cfbd0 75613d0c asp!CViperAsyncRequest::OnCall+0x8c
> 2d 025cfbec 77204123 comsvcs!CSTAActivityWork::STAActivityWorkHelper+0x30
> 2e 025cf3c8 77204873 ole32!EnterForCallback+0xc0
> 2f 025cfd98 771e024b ole32!SwitchForCallback+0x1a2
> 30 025cfdc4 771d3a0c ole32!PerformCallback+0x52
> 31 025cfe48 77206e70 ole32!CObjectContext::InternalContextCallback+0x140
>
> Thread ID: 15
> System Thread ID: b84
> Kernel Time: 0:0:1.640
> User Time: 0:0:1.93
> Thread Type: Jet DB Query. Possible ASP Page
>
> # ChildEBP RetAddr
> 00 0260ddd4 77f43741 SharedUserData!SystemCallStub+0x4
> 01 0260ddd8 77e41817 ntdll!ZwWaitForSingleObject+0xc
> 02 0260de48 77e4168f kernel32!WaitForSingleObjectEx+0xac
> 03 0260de58 1b10fb3c kernel32!WaitForSingleObject+0xf
```

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```
> 04 0260dfa0 1b03a62e msjet40!PostCOMCallThreadRequest+0xd8
> 05 0260dfec 1b039e5e msjet40!InitES+0x79
> 06 0260e000 1b039bf0 msjet40!GetNewESInstance+0x15
> 07 0260e00c 1b0399f3 msjet40!GetESInstanceFromItib+0x42
> 08 0260e018 1b031d52 msjet40!HttpParseExprI+0x13
> 09 0260e4a4 1b03186f msjet40!ErrQodefCheckRow+0x571
> 0a 0260e4bc 1b03135f msjet40!ErrQodefInsertEither+0x13
> 0b 0260e4dc 1b02202a msjet40!ErrQodefUpdate+0x3a
> 0c 0260e4f8 1b03072f msjet40!ErrDispUpdate+0x4b
> 0d 0260e72c 1b039def msjet40!InsertQoa+0x2e8
> 0e 0260e74c 1b035a20 msjet40!TknParseWhereHaving+0x6f
> 0f 0260e770 1b0351f8 msjet40!TknParseFrom+0x32
> 10 0260e7a0 1b034158 msjet40!TknParseSelect+0x485
> 11 0260e82c 1b02a177 msjet40!ErrParseQuery+0x262
> 12 0260e8a8 1b04ca75 msjet40!ErrSQLSetQoSql+0x46f
> 13 0260e8e0 02d4a598 msjet40!JetSetQoSql+0xa2
> 14 0260e910 02d4982e odbcjt32!SQLPrepareCover+0x27c
> 15 0260e928 02d497d7 odbcjt32!SQLExecDirectCover+0x54
> 16 0260e938 02ad694e odbcjt32!SQLExecDirectW+0x11
> 17 0260e958 02ad6a46 ODBC32!SQLExecute+0x2a4
> 18 0260e978 02a8bfac ODBC32!SQLExecDirectW+0x5b
> 19 0260e9a0 02a87537 msdasql!CImpICommandText::ExecuteHelper+0xf8
> 1a 0260ea60 026b7455 msdasql!CImpICommandText::Execute+0x635
> 1b 0260eaa0 026a9da8 msado15!CConnection::Execute+0x1a3
> 1c 0260ec60 026a9c47 msado15!_ExecuteAsync+0x17e
> 1d 0260ec70 026a99ee msado15!ExecuteAsync+0x1f
> 1e 0260ed3c 026a9bee msado15!CQuery::Execute+0xa25
> 1f 0260ed9c 026a4854 msado15!CCommand::_Execute+0x147
> 20 0260ee24 026a4b39 msado15!CRecordset::_Open+0x2fb
> 21 0260ef90 026c0bd9 msado15!CRecordset::Open+0x5c3
> 22 0260f3dc 7348b427 msado15!CRecordset::Invoke+0x12ff
> 23 0260f430 7347f39c vbscript!CatchIDispatchInvoke+0x46
> 24 0260f47c 7346368c vbscript!IDispatchInvoke+0x95
> 25 0260f590 73462f95 vbscript!InvokeDispatch+0x138
> 26 0260f5b4 734635ef vbscript!InvokeByName+0x40
> 27 0260f890 73463c33 vbscript!CScriptRuntime::Run+0x2625
> 28 0260f994 73463d42 vbscript!CScriptEntryPoint::Call+0x65
> 29 0260f9f8 73464081 vbscript!CSession::Execute+0xb6
> 2a 0260fa48 734640ee vbscript!ColeScript::ExecutePendingScripts+0x14a
> 2b 0260fa64 709e5e87 vbscript!ColeScript::SetScriptState+0x14e
> 2c 0260fa90 709e5ee1 asp!CActiveScriptEngine::TryCall+0x17
> 2d 0260facc 709e5f21 asp!CActiveScriptEngine::Call+0x31
> 2e 0260fae0 709e6227 asp!CallScriptFunctionOfEngine+0x21
> 2f 0260fb18 709e6393 asp!ExecuteRequest+0x138
> 30 0260fb60 709e5573 asp!Execute+0x16a
> 31 0260fbb0 709e5726 asp!CHitObj::ViperAsyncCallback+0x3ec
>
```