




## Analysis Summary

| Type  | Description  | Recommendation  |
|---|--|---|
|  Warning | The following threads in <b>VirtualBox_PID_5728_Date_01_13_2010_Time_03_24_28PM_225_First chance exception 0X80000003.dmp</b> are loading <b>wdmaud.drv</b> using the API LoadLibrary. The call to LoadLibrary originated originated from <b>winmm!LoadAliasedLibrary+146</b><br>( 0 )<br><b>50.00%</b> of threads blocked | Constant calls to LoadLibrary and FreeLibrary can have a serious impact on application performance since the Windows NT Loader takes a global lock while performing this operation causing serialization.<br><br>Please follow up with vendor <b>Microsoft Corporation</b> for problem resolution concerning the following file: <b>C:\Windows\System32\winmm.dll</b> . |
|  Warning | The following threads in <b>VirtualBox_PID_5728_Date_01_13_2010_Time_03_24_28PM_225_First chance exception 0X80000003.dmp</b> are incomplete and also has/have an invalid Thread Environment Block pointer. As a result, the information reported is most likely inaccurate.<br>( 1 )<br><b>50.00%</b> of threads blocked  | If call stacks relevant to the problem could not be accurately analyzed due to bad TEB information then a new dump may need to be obtained.   |
|  Warning | DebugDiag failed to locate the PEB (Process Environment Block) in <b>VirtualBox_PID_5728_Date_01_13_2010_Time_03_24_28PM_225_First chance exception 0X80000003.dmp</b> , and as a result, debug analysis for this dump may be incomplete or inaccurate.  | It is recommended that you get another dump of the target process when the issue occurs to ensure accurate data is reported   |

## Analysis Details

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 Report for **VirtualBox\_PID\_5728\_Date\_01\_13\_2010\_Time\_03\_24\_28PM\_225\_First chance exception 0X80000003.dmp**

## Report for VirtualBox\_PID\_5728\_Date\_01\_13\_2010\_Time\_03\_24\_28PM\_225\_First chance exception 0X80000003.dmp

Type of Analysis Performed **Hang Analysis**  
Machine Name  
Operating System **Windows Vista Service Pack 2**  
Number Of Processors  
Process ID **5728**  
Process Image **C:\Program Files\Sun\VirtualBox\VirtualBox.exe**  
System Up-Time **00:00:00**  
Process Up-Time **00:00:16**

### Top 5 Threads by CPU time

**Note** - Times include both user mode and kernel mode for each thread  
**Thread ID: 0** Total CPU Time: 00:00:00.030 **Entry Point for Thread:** 0x00000000  
**Thread ID: 1** Total CPU Time: 00:00:00.00 **Entry Point for Thread:** 0x00000000

### Thread report

#### Thread 0 - System ID 5732

Entry point **0x00000000**  
Create time **1/13/2010 3:24:12 PM**  
Time spent in user mode **0 Days 00:00:00.015**  
Time spent in kernel mode **0 Days 00:00:00.015**

This thread is loading **wdmaud.drv** using the API LoadLibrary. The call to LoadLibrary originated originated from **winmm!LoadAliasedLibrary+146**

| Function   | Source |
|--|--------|
| ntdll!LdrpHandleOneNewFormatImportDescriptor+374 |        |
| ntdll!LdrpHandleNewFormatImportDescriptors+1d    |        |
| ntdll!LdrpWalkImportDescriptor+1f2               |        |
| ntdll!LdrpLoadImportModule+255                   |        |
| ntdll!LdrpHandleOneNewFormatImportDescriptor+84  |        |
| ntdll!LdrpHandleNewFormatImportDescriptors+1d    |        |
| ntdll!LdrpWalkImportDescriptor+1f2               |        |
| ntdll!LdrpLoadDll+2f1                            |        |

```

ntdll!LdrLoadDll+22a
kernel32!LoadLibraryExW+252
kernel32!LoadLibraryW+11
winmm!LoadAliasedLibrary+146
winmm!InternalLoadDriver+14b
winmm!InternalOpenDriver+34
winmm!DrvOpen+54
winmm!mmDrvOpen+3e
winmm!MidiInit+33
winmm!InitDevices+c5
winmm!ClientUpdatePnpInfo+e2
winmm!PlaySoundW+42
VirtualBox!TrustedMain+195
msvcr71!__dllonexit+94
VBoxRT!xmlXIncludeProcessNode+6b4
VBoxRT!xmlXIncludeProcessNode+6c1
VBoxRT!RTFileCopyEx+5a7
VBoxRT!RTR3Init+41
QtCoreVBox4!qWinMain+91
VirtualBox!TrustedMain+16c8f8
VirtualBox!TrustedMain+16c929
VirtualBox!TrustedMain+16820d
kernel32!BaseThreadInitThunk+e
ntdll!_RtlUserThreadStart+23
ntdll!_RtlUserThreadStart+1b

```

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## Thread 1 - System ID 5780

Entry point **0x00000000**  
 Create time **1/13/2010 3:24:13 PM**  
 Time spent in user mode **0 Days 00:00:00.00**  
 Time spent in kernel mode **0 Days 00:00:00.00**

This thread is incomplete and also has/have an invalid Thread Environment Block pointer. As a result, the information reported is most likely inaccurate.

| Function                       | Source |
|--------------------------------|--------|
| ntdll!DbgBreakPoint            |        |
| ntdll!DbgUiRemoteBreakin+3c    |        |
| kernel32!BaseThreadInitThunk+e |        |
| ntdll!_RtlUserThreadStart+23   |        |
| ntdll!_RtlUserThreadStart+1b   |        |

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### Script Summary

| Script Name           | Status    | Error Code | Error Source | Error Description | Source Line |
|-----------------------|-----------|------------|--------------|-------------------|-------------|
| CrashHangAnalysis.asp | Completed |            |              |                   |             |