

Where can I find Replication crash dumps

Last updated by | Charlene Wang | Oct 12, 2020 at 7:46 PM PDT

Wednesday, September 05, 2018

7:35 AM

1. Open Azure Watson site:

<https://azurewatson.cloudapp.net>

2. On a buckets tab add field FaultingProcess and add filtering value one of the following:

- Snapshot.exe
- Logread.exe
- Distrib.exe

3. Identify and select appropriate dump file and debug it as normally with windbg:

Bucket

Followup

Last Processed On

OSBuildString

FaultingProcess

FAIL_FAST_INVALID_ARG_c0000409_Microsoft.SqlServer.Replication.dllMicrosoft.SqlServer.Replication::AgentThreadLocalAbortStatusStore::CheckAbort

NoCodeOwnerBugNot assigned

2018-09-05 14:47:07ZFailure Typeum

6.3.9600.18217

snapshot.exe 15.0.900.142FaultingModuleMicrosoft.SqlServer.Replication.dll 2018.150.900.142

Analysis details (from !analyze)

Not the right bucket?

☒ Azure Watson Support

Bucket	FAIL_FAST_INVALID_ARG_c0000409_Microsoft.SqlServer.Replication.dllMicrosoft.SqlServer.Replication::AgentThreadLocalAbortStatusStore::CheckAbort		
Followup	NoCodeOwner	Bug	Not assigned
Last Processed On	2018-09-05 14:47:07Z	Failure Type	um
OSBuildString	6.3.9600.18217		
FaultingProcess	snapshot.exe 15.0.900.142	FaultingModule	Microsoft.SqlServer.Replication.dll 2018.150.900.142

Crash details (from the Monitoring Agent (MA))

Crash Time	2018-09-05 00:45:09Z	DumpUID	7f92d398-0ae8-4f2f-a471-9148c722e6bd
Dump Size	179 MB	Region	uswest
MdsMaString	CloudLabrunProdMainNSVer2v0	MdsMaNamespace	CloudLabrunProdMainNS
DumpType	Crash		
SqlCloudTestSessionId	609389db-491b-4ff0-ac00-424061f651c5	SqlCloudTestSuitName	CloudLifter.Replication.Disttask70fTests
AzureContainerId	20078cbb-ddec-489e-b978-563f5f112334	EventType	AW.Crash
AzMonVersion	180410	CrashMode	um
Platform	amd64	CrashProcess	snapshot.exe
CrashProcessPath	D:\d\Windows Fabric\DB3\Fabric\work\Applications_shared\Store\Worker\CL\SQL\SqlAgent.15.0.900.142-DSMain-7ac85988\COM\snapshot.exe	StorageAccount	dsctstoragewestprod
NodeIP	107.3.3	MaVersion	41.00.01 - Apr 23 2018 16:16:36 - amd64
ReportId	7f92d398-0ae8-4f2f-a471-9148c722e6bd		

Failure callstack

```
KERNELBASE!RaiseException+0x68 [d:\blue\minkernel\kernelbase\xcpt.c @ 828]
clr!RaiseTheExceptionInternalOnly+0x2aa [f:\dd\ndp\clr\src\vm\excep.cpp @ 3066]
clr!Thread::UserAbort+0x30a [f:\dd\ndp\clr\src\vm\threadsuspend.cpp @ 1828]
clr!ThreadNative::Abort+0x117 [f:\dd\ndp\clr\src\vm\comsynchronizable.cpp @ 607]
mscorlib_ni!System.Threading.Thread.Abort+0x28
Microsoft.SqlServer.Replication\Microsoft.SqlServer.Replication::AgentThreadLocalAbortStatusStore::CheckAbort+0xef
```

BUCKETS

ACTIVITY

SYMBOLS

DOCS

FEEDBACK

SUPPORT

Debug

Reprocess

Access Control Details

https://supportability.visualstudio.com/AzureSQLDB/_wiki/wikis/AzureSQLDB.wiki/286506/Where-can-I-find-Replication-crash-dumps

2/3

667227254 - AzureWatson - WinDbg:10.0.14942.1001 AMD64

File Edit View Debug Window Help

C:\Users\ANorob\AppData\Local\Apps\2.0\AVXJK5Q8.RP7\THJ2XBWQ.DG8\azur...app_a8

```

_CRTIMP __declspec(noreturn) void __cdecl _invoke_watson(
    const wchar_t *pszExpression,
    const wchar_t *pszFunction,
    const wchar_t *pszFile,
    unsigned int nLine,
    uintptr_t pReserved
)
{
    (pszExpression);
    (pszFunction);
    (pszFile);
    (nLine);
    (pReserved);

    #if defined (_CRT_APP) || defined (_M_ARM)
        __fastfail(FAST_FAIL_INVALID_ARG);
    #else /* defined (_CRT_APP) || defined (_M_ARM) */
        if (IsProcessorFeaturePresent(PF_FASTFAIL_AVAILABLE))
            fastfail(FAST_FAIL_INVALID_ARG);
        /* Raise a failfast exception and terminate the process */
        _call_reportfault(_CRT_DEBUGGER_INVALIDPARAMETER,
            STATUS_INVALID_CRUNTIME_PARAMETER,
            EXCEPTION_NONCONTINUABLE);

        __crtTerminateProcess(STATUS_INVALID_CRUNTIME_PARAMETER);
    #endif /* defined (_CRT_APP) || defined (_M_ARM) */
}

#if (defined (_M_IX86) || defined (_M_X64)) && !defined (_CRT_APP)
void __cdecl _call_reportfault(
    int nDbgHookCode,
    DWORD dwExceptionCode,
    DWORD dwExceptionFlags
)
{
    // Notify the debugger if attached.
    if (nDbgHookCode != _CRT_DEBUGGER_IGNORE)
        _CRT_DEBUGGER_HOOK(nDbgHookCode);

    /* Fake an exception to call reportfault. */
    EXCEPTION_RECORD ExceptionRecord = {0};
    CONTEXT ContextRecord;

```

Command

```

Debugger.Settings.Display.PreferDMLOutput=true : true

--- Loading DScript

Preferences

JITDEBUG= FALSE
LAUNCHDEBUGGER= FALSE
ALLTARGETS= FALSE
SCRIPTPATH=E:\approot\dscripts
1000: OFF
1001: OFF
1100: OFF
2000: OFF
3000: OFF
3001: OFF

```

You are accessing dump which may contain secret or personal information. All input and output from the debugger will be logged and may be used for forensic analysis.

This is a remote debugging session. Debugger does not have connectivity to corpnets. You can't change the symbol path. Use the [.lsrclpath](#) or [.lsrclfix](#) commands for source code access.

Set AZUREWATSON_USE_WINDBGX=1 to use WinDbgNext as a front-end.

See User guide and Troubleshooting at aka.ms/awuserguide

ALEXVOROBVOWS2\alvorob (tcp 127.0.0.1:58283) connected at Wed 9/27/2023 10:00:00 AM
Processing initial command '.lsrclfix'
windbg> .lsrclfix
Local source search path is: SRV*

0:000>

Ln 132, Col 1 Sys 0:C:\Reso Proc 000:8244 Thrd 000:8a60 ASM OVR CAPS NUM

How good have you found this content?

