

microsoft.public.sqlserver.clustering: Re: SQL Service stops and restarts – no failover occurs.

Re: SQL Service stops and restarts – no failover occurs.

Source:

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That is a cluster service failure detection. CheckQueryProcessorAlive is the long name for the cluster IsAlive function. The restart on the same node is due to two factors. First, no underlying resources went offline. Second, the existing host node is likely the first node in the preferred nodes list.

For some reason, your SQL server isn't responding to the query. Most times when I have seen this (your cause may be different) it is due to an earlier Access Violation error that blew something within SQL. The original failure may be several hours earlier. Look through the SQL logs directory to find the last minidump before the crash. Check that time in the host node application event logs to see what went boom. You may be able to match that up with an existing KB article and appropriate hotfix.

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"Chris" <Chris@discussions.microsoft.com> wrote in message news:A0EE8124-1873-480A-B0E9-F690C14F0738@microsoft.com...

>

> Win2003 SQL2000 Active/Active

>

> On node1 SQL service shuts down and immediately restarts. In the cluster log

> on node1 we found the following below at exact time of service stop/start.

> Why would a failover not have occurred?

>

> Why is CheckQueryProcessorAlive prefixed with ERR SQL Server..., this must not be part of the cluster service checking node if IsAlive, correct? What is

> this?

>

> Thanks in advance for any insight...

>

> 000009e8.00000f70::2004/11/19-16:09:33.840 ERR SQL Server <SQL Server

> (IHSCDATA)>: [sqsrvres] CheckQueryProcessorAlive: sqlxecdirect failed

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```
> 000009e8.00000f70::2004/11/19-16:09:33.840 ERR SQL Server <SQL Server
> (IHSCDATA)>: [sqsrsvres] printODBCError: sqlstate = HYT00; native error =
0;
> message = [Microsoft][ODBC SQL Server Driver]Timeout expired
> 000009e8.00000f70::2004/11/19-16:09:33.840 ERR SQL Server <SQL Server
> (IHSCDATA)>: [sqsrsvres] OnlineThread: QP is not online.
> 000009e8.00000f70::2004/11/19-16:09:33.840 ERR SQL Server <SQL Server
> (IHSCDATA)>: [sqsrsvres] CheckQueryProcessorAlive: sqlexecdirect failed
> 000009e8.00000f70::2004/11/19-16:09:33.840 ERR SQL Server <SQL Server
> (IHSCDATA)>: [sqsrsvres] printODBCError: sqlstate = 08S01; native error =
0;
> message = [Microsoft][ODBC SQL Server Driver]Communication link failure
> 000009e8.00000f70::2004/11/19-16:09:33.840 ERR SQL Server <SQL Server
> (IHSCDATA)>: [sqsrsvres] CheckQueryProcessorAlive: sqlexecdirect failed
> 000009e8.00000f70::2004/11/19-16:09:33.840 ERR SQL Server <SQL Server
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> 000009e8.00000f70::2004/11/19-16:09:33.840 ERR SQL Server <SQL Server
> (IHSCDATA)>: [sqsrsvres] CheckQueryProcessorAlive: sqlexecdirect failed
> 000009e8.00000f70::2004/11/19-16:09:33.840 ERR SQL Server <SQL Server
> (IHSCDATA)>: [sqsrsvres] printODBCError: sqlstate = 08S01; native error =
0;
> message = [Microsoft][ODBC SQL Server Driver]Communication link failure
> 00000518.000009fc::2004/11/19-16:09:52.972 INFO [FM]
NotifyCallBackRoutine:
> enqueueing event
> 00000518.00000794::2004/11/19-16:09:52.987 INFO [CP] CppResourceNotify for
> resource SQL Server (IHSCDATA)
> 00000518.00000794::2004/11/19-16:09:53.003 INFO [CP] CppRundownCheckpoints
> removing RNB for Software\Microsoft\Microsoft SQL Server\IHSCDATA\Setup
> 00000518.00000794::2004/11/19-16:09:53.003 INFO [CP] CppRundownCheckpoints
> removing RNB for Software\Microsoft\Microsoft SQL
Server\IHSCDATA\SQLServerSCP
> 00000518.00000794::2004/11/19-16:09:53.003 INFO [CP] CppRundownCheckpoints
> removing RNB for Software\Microsoft\Microsoft SQL
Server\IHSCDATA\PROVIDERS
> 00000518.00000794::2004/11/19-16:09:53.003 INFO [CP] CppRundownCheckpoints
> removing RNB for Software\Microsoft\Microsoft SQL
Server\IHSCDATA\MSSQLSERVER
> 00000518.00000794::2004/11/19-16:09:53.003 INFO [CP] CppRundownCheckpoints
> removing RNB for Software\Microsoft\Microsoft SQL Server\IHSCDATA\Cluster
> 00000518.00000794::2004/11/19-16:09:53.003 INFO [CP] CppRundownCheckpoints
> removing RNB for Software\Microsoft\Microsoft SQL
Server\IHSCDATA\SQLserverAgent
> 00000518.00000794::2004/11/19-16:09:53.003 INFO [CP] CppRundownCheckpoints
> removing RNB for Software\Microsoft\Microsoft SQL
Server\IHSCDATA\Replication
> 00000518.00000794::2004/11/19-16:09:53.003 INFO [CP] CppRundownCheckpoints
> removing empty group
```

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```
> 00000518.000007a8::2004/11/19-16:09:53.018 WARN [FM]
> FmpHandleResourceTransition: Resource Name =
> 115b224b-0925-498b-a5a8-7d2c988e8964 [SQL Server (IHSCDATA)] old state=2
new
> state=4
> 00000518.000007a8::2004/11/19-16:09:53.018 INFO [GUM] GumSendUpdate:
queuing
> update type 0 context 8
> 00000518.000007a8::2004/11/19-16:09:53.018 INFO [GUM] GumSendUpdate:
> Dispatching seq 30031 type 0 context 8 to node 1
> 00000518.000007a8::2004/11/19-16:09:53.018 INFO [GUM] GumSendUpdate:
> completed update seq 30031 type 0 context 8
> 00000518.000007a8::2004/11/19-16:09:53.018 INFO [FM]
> FmpPropagateResourceState: resource 115b224b-0925-498b-a5a8-7d2c988e8964
> failed event.
> 00000518.000007a8::2004/11/19-16:09:53.018 INFO [FM]
> FmpHandleResourceFailure: taking resource
> 115b224b-0925-498b-a5a8-7d2c988e8964 and dependents offline
> 00000518.000007a8::2004/11/19-16:09:53.018 INFO [FM] TerminateResource:
> df5746e5-0710-4e39-a33d-7c148c2d5e8f depends on
> 115b224b-0925-498b-a5a8-7d2c988e8964. Terminating first
> 000009e8.00000f70::2004/11/19-16:09:54.519 ERR SQL Server <SQL Server
> (IHSCDATA)>: [sqsrves] ODBC sqldrverconnect failed
> 000009e8.00000f70::2004/11/19-16:09:54.535 ERR SQL Server <SQL Server
> (IHSCDATA)>: [sqsrves] checkODBCConnectError: sqlstate = 08001; native
error
> = b; message = [Microsoft][ODBC SQL Server Driver][DBNETLIB]General
network
> error. Check your network documentation.
> 000009e8.00000f70::2004/11/19-16:09:54.535 ERR SQL Server <SQL Server
> (IHSCDATA)>: [sqsrves] ODBC sqldrverconnect failed
> 000009e8.00000f70::2004/11/19-16:09:54.535 ERR SQL Server <SQL Server
> (IHSCDATA)>: [sqsrves] checkODBCConnectError: sqlstate = 01000; native
error
> = 102; message = [Microsoft][ODBC SQL Server
Driver][DBNETLIB]ConnectionOpen
> (PreLoginHandshake()).
```