

Linked Servers Fail

Source:

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Contact MS PSS for answer. Did a stack dump and traced error to a modal messagebox that the client provider raised (!!!).

Back to the provider.

Regards,

hmscott

>-----Original Message-----

>I have a Windows 2000 active/passive cluster. I have
>configured 6 linked servers using OpenLink Database Proxy
>Client. See below for steps I took to create linked
>server entries.

>

>In two months of testing, I have had to cycle the SQL
>cluster (stop/restart SQL services) three or four times
>because the linked servers "fail". By failing, I mean
that

>the linked servers stop responding to user queries. The
>user query simply spins with no activity. I have
isolated

>the failure to the interaction between SQL and the DSN
>entry (ie, the DB proxy works, the DSN works, but SELECT
*

>FROM OPENQUERY(MyLink, 'SELECT * FROM
db2Table.db2Column')

>does not work).

>

>The linked servers are configured in the following manner:

>1. I configure a DSN using the OpenLink client

>(www.openlinksw.com)

>2. I configure SQL Server linked server to point to the
DSN

>

>Each node in the cluster has identical DSN entries (same
>name, same driver, same settings). We have tested failing

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>the cluster from Node 1 to Node 2 and back again. We have
>tested the failover process with queries actively running
>(they fail). We are always able to reconnect and resume
>normal processing after the backup node recovers the SQL
>server.
>
>The linked server failures don't appear to have any real
>pattern to them. There seems to be a weak correlation
>between a failover and failure in the linked servers (the
>linked servers fail 1 – 2 days later).
>
>This is not making any sense to me at all. I am NOT a fan
>of linked servers, but I have no choice here: I inherited
>these and the developers are NOT interested in
alternative
>solutions.
>
>If you have any thoughts on the matter, please drop a
line.
>
>Regards,
>
>hmscott
>
>Additonal info:
>Windows 2000 SP4
>SQL 2000 SP3 (hotfix 0818)
>MDAC 2.7 SP1
>OpenLink MultiTier 5.1
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