

Re: dreaded insert/exec MSDTC issue in virtual server 2005

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- *From:* ericmoyto@xxxxxxxxxx
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I wish I could point you in the direction of an answer to resolve this but I can only say that we are experiencing a similar issue. We have a Windows 2003 SP1 web server that has been set up as a virtual server and we are utilizing MSDTC on it to speak to a "real" Windows 2003 machine that is running SQL2k with SP4. When we try to utilize our application it will not run because the web server can not "enlist in the specified transaction coordinator." I hope someone does get a resolve since we would like to know the solution also.

Gary wrote:

I created two virtual servers 2005 with os of windows server 2003 and SQL2K (with SP4) installed. I tried to insert some rows into a local table returned from a remote stored proc call like :

```
insert #RemoteData exec <RemoteServer>.<DB>.<owner>.<procname>
```

I can run exec the proc without the insert perfectly well. also

```
insert #RemoteData select * from <RemoteServer>.<DB>.<owner>.<table>
```

can work as well. But as I run the insert/exec, the MSDTC common error 7391 comes up

Server: Msg 7391, Level 16, State 1, Line 1

The operation could not be performed because the OLE DB provider 'SQLOLEDB' was unable to begin a distributed transaction.

[OLE/DB provider returned message: New transaction cannot enlist in the specified transaction coordinator.]

OLE DB error trace [OLE/DB Provider 'SQLOLEDB'

ITransactionJoin::JoinTransaction returned 0x8004d00a].

I checked the local and remote side DTC status(both is running), I enabled Network Access following the steps from microsoft KB articles and restart DTC and SQL server, I turn RPCSecurity off in registry), both servers are in the same domain, there is no firewall setting. I run dtcPing in two sides, both can communicate each other. Also inside the code, I set XACT_ABORT on, but all these ways seem not resolved this issue.

Due to the fact that local and remote server are virtual server, I tried to take a physical server as local/remote server (which has the same configuration as server 2003/sql2k), and one virtual server as remote/local

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server . In this case, this insert/exec can work perfectly. BUT, if both local/remote servers are virtual servers, insert/exec error always occurs.

Any pointer/suggestions is highly appreciated