

## WIN2K3 SP1, SQL Server / MSDTC Issue

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*Source:*

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.clustering/2005-05/msg00060.html>

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  - *Date:* Wed, 11 May 2005 11:00:04 -0700
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Hi,

I have been setting up a WIN2K3 Cluster here today and having some problems. I can get SQL Installed ok and everything works fine until I set my Application Servers to point at the new SQL Server, at which point my Component Services Components start getting MSDTC errors – 'New transaction cannot enlist in the specified transaction coordinator' to be precise.

Here is what I did in order:

Installed Windows 2003 (with SP1 already preapplied)  
Setup Network Connections (for internal cluster comms and public network)  
Set Server to be an Application Server Role (ensuring Enable Network DTC Access was checked)  
Reboot Servers  
Setup Cluster  
Add second node to cluster  
Reboot Servers  
Install SQL  
Apply SP3a to SQL  
Reboot Servers  
Finally I added in the MSDTC Resource (and I have tried this in the Cluster Group and the SQL Group, and finally in its own group)  
Tried to call my components and I get the above errors.

I have since gone through god knows how many web sites looking for answers and tried all the suggested things such as ensuring MSDTC is started before SQL Starts etc to no avail.

What I did notice is that when I actually add the MSDTC resource to the cluster then go back into Add Remove Programs it has unchecked Enable network DTC access (Yes it was definately checked – I checked at least 5 times and even ended up re-installing both servers and setting it all up again to make sure I wasn't going crazy!)

I re-checked the box on both servers and rebooted them both and still nothing. I also checked the Registry to ensure the MSDTC Keys relating to network transactions were both set to 1.

I have tried DTC Tester also and I get an error just after it tries to

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Enlist the connection in the transaction, which is a Distributed Transaction Error. The extra detail says Invalid Cursor State.

When I run the DTC Tester on either node of the cluster it works fine so it HAS to be related to network DTC, but all the settings seem correct!

Please HELP! :(

Dan

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- *Follow-Ups:*

- ◆ **[RE: WIN2K3 SP1, SQL Server / MSDTC Issue](#)**

- ◆ *From:* Cindy Gross (MSFT)

- Prev by Date: **[Electing NAS or SAN?](#)**
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