

## RE: Linked server 7302 error

**Source:**

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.connect/2005-02/0064.html>

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**From:** William Wang[MSFT] ([v-rxwang\\_at\\_online.microsoft.com](mailto:v-rxwang_at_online.microsoft.com))

**Date:** 01/31/05

Date: Mon, 31 Jan 2005 10:29:03 GMT

Hi Stephane,

I truly understand your concern, but by asking you to post this issue in the <microsoft.public.fr.sqlserver> newsgroup, I did not mean to bounce you between support professionals. We always try our best to assist customers whether they are using English version or non-English version of products, but for those issues that occur in non-English version of products, it is best to troubleshoot them in the newsgroup setup specifically for the relevant language. That way the issues can be resolved in a more efficient manner. In your case where the problem is not common, we may need to check some logs such as Windows Event logs and SQL Error logs to isolate the problem, we would also like to get the exact error message, but we have difficulties doing this with a non-English product. Your understanding on this would be much appreciated.

I agree that the issue relates to the login account used to connect to SQL Server. Let's perform the following steps to see if the issue can be resolved (before making any changes, note down the original settings in order to roll back):

1. Run dcomcnfg to open the Component Services MMC. Expand Component Services, expand Computers. Right-click My Computer.
2. On the 'Default Properties' tab, verify that
  - Enable Distributed COM on this computer is checked
  - Default Authentication Level is set to Connect,
  - Default Impersonation Level = Impersonate.
3. On the 'COM Security' tab, click on the 'Edit Default...' button for each of the 'Access Permissions'

and the 'Default Launch and Activation Permissions', if you see a list of names in the dialog box then make sure the startup account for the SQL Server service is in the list or belongs to a group that is in the list.

4. Expand 'My Computer' and click the 'DCOM config' folder, find out 'MSDAORA' on the right pane and then right-click 'MSDAORA' and click 'Properties', in general here are the settings that are known to work:

- On the 'General' tab the Authentication Level is set to Default

- On the 'Security' tab, 'Launch and Activation Permissions', 'Access Permissions' and 'Configuration Permissions' should have 'Use Default' selected. If not, click on the 'Edit...' button and if you see a list of names in the dialog box then make sure the account used to start the SQL Server service is in the list or belongs to a group that is in the list.

- On the 'Identity' tab, select 'This user' and type the SQL Server Service startup account and password in the text boxes.

5. Perform step4 on MSDAINITIALIZE.

6. Restart the computer and then test the problem.

Sincerely,

William Wang  
Microsoft Online Partner Support

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>Thread-Topic: Linked server 7302 error  
>thread-index: AcUFQ3p3veomzo4ARHuHhI/d7yYwWg==  
>X-WBNR-Posting-Host: 205.151.229.14  
>From: "=?Utf-8?B?U1BhcXVpbG==?=" <spaquin@newsgroup.nospam>  
>References:  
<0245D03E-DA88-49FA-86AC-65FCE40910E8@microsoft.com>  
<CV5HjoFBFHA.644@cpmsftngxa10.phx.gbl>  
<FF352DAC-0676-4328-818B-2C57D7F563EA@microsoft.com>  
<H0FSQ1RBFHA.764@cpmsftngxa10.phx.gbl>  
>Subject: RE: Linked server 7302 error

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>Date: Fri, 28 Jan 2005 06:13:02 -0800  
>Lines: 106  
>Message-ID:  
<27C18AF3-63D8-430C-BE26-E064C736B756@microsoft.com>  
>MIME-Version: 1.0  
>Content-Type: text/plain;  
> charset="Utf-8"  
>Content-Transfer-Encoding: 7bit  
>X-Newsreader: Microsoft CDO for Windows 2000  
>Content-Class: urn:content-classes:message  
>Importance: normal  
>Priority: normal  
>X-MimeOLE: Produced By Microsoft MimeOLE V6.00.3790.0  
>Newsgroups: microsoft.public.sqlserver.connect  
>NNTP-Posting-Host: TK2MSFTNGXA03.phx.gbl 10.40.1.29  
>Path: cpmsftngxa10.phx.gbl!TK2MSFTNGXA03.phx.gbl  
>Xref: cpmsftngxa10.phx.gbl  
microsoft.public.sqlserver.connect:44286  
>X-Tomcat-NG: microsoft.public.sqlserver.connect  
>  
>Hi  
>Your understanding is correct. User A can use the  
linked server from any  
>computer. User B(or any other) can not. Error message  
is related to  
>initializing the connection.  
>  
>1. The MSDAORA.dll is already registered since it works  
perfectly under user  
>A.  
>2. Under the linked server security tab, nothing is  
entered except the last  
>item is selected: Be made with this security context :  
username/password.  
>Nothing related to user A or B. I will look at KB  
article.  
>3. MDAC 2.7 is installed and works. Again, it works  
perfectly under user A.  
>  
>Post to microsoft.public.fr.sqlserver. Bad suggestion.  
I have a problem and  
>you suggest that I go somewhere else. No thanks.  
>  
>I still have a problem with my linked server and I  
still need some support.  
>I believe it is related to a security issue using  
integrated security login  
>because I can access the linked server with a SQLServer  
login from any user  
>or computer.  
>

>What other suggestions do you have ? Surely, you can find a SQL Server /  
>linked server / integrated security specialist somewhere in Microsoft ?  
>  
>Thanks anyway  
>Stephane  
>  
>  
>"William Wang[MSFT]" wrote:  
>  
>> Hi Stephane,  
>>  
>> Your explanation is great. Now my understanding of this  
>> issue is: On both Computer A and Computer B, if you  
>> logon the SQL Server using User A and run the Openquery  
>> statement, the query works fine; but if you logon as  
>> User B, the query fails regardless whether you are on  
>> Computer A or Computer B. If this is not correct,  
>> please let me know.  
>>  
>> This issue looks strange because the error message  
>> should not be caused by a permission problem.  
>> Nevertheless, let's try the following steps to see what  
>> happens:  
>>  
>> To isolate the problem we don't need to involve Computer  
>> B in our troubleshooting step.  
>>  
>> 1. Register MSDAORA.dll using RegSvr32.exe and then test  
>> the problem.  
>>  
>> 2. Check the Security tab of the Linked Server Properties dialog box to see if there is anything  
>> related to User A. What do you see from the tab? You may  
>> want to remove the linked server and then set up a  
>> linked server with a simliar script to the one mentioned  
>> in KB280106 and then test the problem.  
>>  
>> 3. If the issue persists, reinstall MDAC to see if it  
>> helps. You can download the latest MDAC from the  
>> following link:  
>>  
>>

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<http://www.microsoft.com/downloads/details.aspx?displayla>

>> [ng=fr&FamilyID=6c050fe3-c795-4b7d-b037-185d0506396c](http://www.microsoft.com/downloads/details.aspx?displayla)

>>

>> *If the issue still occurs, I suggest that you post this*

>> *issue in the <microsoft.public.fr.sqlserver> newsgroup*

>> *as you are using Franch version.*

>>

>> *Hope it helps.*

>>

>> *Sincerely,*

>>

>> *William Wang*

>> *Microsoft Online Partner Support*

>>

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>> *your newsreader so that others may learn and benefit*

>> *from your issue.*

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>> [overview/40010469](https://partner.microsoft.com/US/technicalsupport/support)

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>>

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>> [overview/](https://partner.microsoft.com/US/technicalsupport/support)

>>

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>> *International Support page:*

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>> <http://support.microsoft.com/default.aspx?scid=%2finterna>

>> [tional.aspx.](http://support.microsoft.com/default.aspx?scid=%2finterna)

>>

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