

## Re: Error for a job that uses a MSDASQL linked server

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*Source:*

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.server/2009-05/msg00651.html>

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- *From:* Pasquale <[Pasquale@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Pasquale@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Tue, 19 May 2009 00:13:02 -0700
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Are you sure?

For each proof on SQL1 and SQL2 production servers it is necessary a customer authorization.

Thanks

"Tibor Karaszi" wrote:

Perhaps you need to setup a credential (CREATE CREDENTIAL) and an Agent Proxy for that login?

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Tibor Karaszi, SQL Server MVP

<http://www.karaszi.com/sqlserver/default.asp>

[http://sqlblog.com/blogs/tibor\\_karaszi](http://sqlblog.com/blogs/tibor_karaszi)

"Pasquale" <[Pasquale@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Pasquale@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message <news:7D7531F7-F234-4930-B8FF-2015D548B1BB@xxxxxxxxxxxxxxxxxxxxx>

I have two servers with SQL Server 2005 Enterprise Edition 64-bit RTM version, SQL1 (db server) e SQL2 (app server). On SQL2 I have created a SQL

Server linked server to SQL1.

Moreover, on SQL 2 I have created a SQL Server Agent job with a step that calls a remote stored procedure saved on SQL1. The owner of the job

is a SQL account, fe mySQLaccount; this login is used to access my db on SQL1, too.

SQL Server Agent on SQL2 runs as NT AUTHORITY\SYSTEM.

MySQLAccount is the account for the SQL Server linked server to call the

remote stored procedures saved on SQL1.

The remote stored procedure (on SQL1) use a OPENQUERY that uses a MSDASQL

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linked server, created on SQL1.

When I execute the job I have had this error for the step that calls the

remote stored procedure with the OPENQUERY:

executed as user NT AUTHORITY\SYSTEM. Cannot execute the query ... against

OLE DB Provider ... "MSDASQL" for linked server ... [SQL State 42000](Error

7320). The Ole DB Provider "MSDASQL" for linked server reported an error. The

provider did not give any information about the error. [SQL State 42000](Error 7399). The step failed.

This problem doesn't occur when for mySQLAccount assign the sysadmin as

a server role.

I have tried to reproduce the error onto a test environment (with two SQL

Server 2005 Enterprise Edition but with SP2) and the step that calls the

remote stored procedure functions normally also with Public and dbcreator as

server roles without

selecting sysadmin for mySQLAccount.

Any helps to solve this issue? Why this different behaviour?

Many thanks