

Re: Access Denied etc. – appears to be Server 2003 SP1 problem

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.clustering/2005-08/msg00034.html>

- *From:* "Graham Morris" <Graywing@xxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 5 Aug 2005 11:09:50 +0100
-

I have solved this problem myself, so this message is for the benefit of Googlers. MS have changed the Service Control Manager (SCM) on Windows 2003 SP1 so that it has a different ACL. It seems that when you do use SQL-DMO to query the state of a server, it checks the service state on the node in question, and if the user doesn't have Connect, Enumerate Service and Query Lock permissions on the SCM he gets a "Service Control: Access Denied" message.

The good news is that you can change the ACL on the SCM on SP1 (it was wired-in previously). The bad news is that I can't find a utility or MMC snap-in to do this: it seems you have to write a program (which is what I have done).

N.B. This problem is not confined to SQL clusters

"Graham Morris" <Graywing@xxxxxxxxxxxxxxxxxxxxx> wrote in message news:%239BKAoBIFHA.3960@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

> This now appears to be a problem related to installing Server 2003 SP1 –
> after I uninstalled it the problem went away. Sorry about the wrong info.
> Can anyone help?

>

> "Graham Morris" <Graywing@xxxxxxxxxxxxxxxxxxxxx> wrote in message
> news:eu3zA2kFHA.1412@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

>>I have a two node SQL Server 2000 cluster which I have upgraded to SP4.

>>

>> My application, running as a non-privileged user on another node, now
>> gets an

>> "access denied" error when it tries to check the state of the cluster
>> using SQL-DMO.

>> The code (in VBScript) looks like this:

>>

>> Dim oSQL

>>

>> set oSQL = CreateObject("SQLDMO.SQLServer")

>>

>> oSQL.Name = "VIRTUALSERVER"

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```
>>
>> Dim stat
>>
>> stat = oSQL.Status
>>
>> WScript.echo "Status is " & stat
>>
>>
>> The line stat = oSQL.Status fails with "Access Denied". There is no
>> error if SQL Server is not clustered.
>>
>> The same user in the same environment can successfully run osql and query
>> the database as before.
>> I have an unsatisfactory workaround – if I call oSQL.Connect before
>> checking the status, it works. However if the server is down, it takes
>> 10–15 seconds and the connect fails rather than the status call.
>>
>> The OS is SQL Server 2003 (no service pack)
>>
>>
>
>
```

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◇ *From: SteveK*

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