

## Re: Connecting to SQL from a Windows Service

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*Source:*

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.connect/2008-03/msg00036.html>

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When you are connected to SQL Server as "Windows (XP Pro) as an Admin" and you run the query:

```
USE master
GO
SELECT * FROM syslogins
WHERE name = 'NT AUTHORITY\SYSTEM'
GO
```

Does it return a row for that login?

And most of the values should look like your login: denylogin = 0, hasaccess = 1, dbname is probably master or your desired database.

And after login, does the 'NT AUTHORITY\SYSTEM' has access to the correct database as a user?

Also, You can try turning on login auditing in SQL Server and then check the SQL Server error log. Maybe you will see more info about the login attempt.

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"RML" <[RML@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:RML@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message  
[news:E21B3350-9477-4DCE-8E64-3690FFB2BAD3@xxxxxxxxxxxxxxxxxxxx](mailto:news:E21B3350-9477-4DCE-8E64-3690FFB2BAD3@xxxxxxxxxxxxxxxxxxxx)

Hi all, I have written a Windows Service that attempts to connect to an SQL 2005 Express Database when started. The login always fails. The login uses Windows Authentication (NT AUTHORITY\SYSTEM user).

I also tried connecting using the "sa" SQL Server login, and it still fails.

If I log into Windows (XP Pro) as an Admin, and manually start the service, it connect Ok.

I thought that maybe the SQL Server service "MSSQL\$SQLEXPRESS" may not be started yet when my service attempts to connect, but the Evetn Log show it is started before my service starts. Also, my service is Dependant on MSSQL\$SQLEXPRESS.

Can anyone point me in the right direction.

RML

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