

SQL Server ODBC Driver Ignores Authentication Setting

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We are running MSSQL as our data warehouse with MSAccess as our front-end. Because some users are not on our LAN we set their ODBC connections with SQL Server Authentication, but the ODBC Authentication Setting is being ignore, resulting in the user not getting to login with error 18456.

I have found the articles below and follow it do upgrade MDAC to version 2.7. This did not take care of the problem. Any pointers/ideas/suggestions will be greatly appreciated.

Thanks

Spalding

The information in this article applies to:
Microsoft ODBC Driver for SQL Server, version 3.6
Microsoft SQL Server 2000 (all editions)
Microsoft Data Access Components version 2.6

SYMPTOMSWhen you use the SQL Server ODBC driver version 2000.080.0194, which was released with SQL Server 2000 and Microsoft Data Access Components (MDAC) 2.6 RTM, the authentication settings for ODBC data source names (DSNs) are ignored. The driver attempts to log directly into SQL Server using NTLM authentication (integrated security) without prompting for a user ID and password.

This can cause authentication failures, messages that database objects are not available, or unintentional modification of the wrong objects when copies of objects are maintained in multiple databases.

RESOLUTIONTo resolve this problem, obtain the latest service pack for Microsoft Data Access Components 2.6. For

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additional information, click the following article number
to view the article in the Microsoft Knowledge Base:
Q300635 INFO: How to Obtain the Latest MDAC 2.6 Service

Pack

Hotfix

The English version of this fix should have the following
file attributes or later:

Date Version Size File
name

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    09/22/2000    2000.80.207.0    471,119 bytes  
Sqlsrv32.dll  
    09/22/2000    2000.80.207.0     90,112 bytes  
Sqlsrv32.rll  
    09/22/2000    2000.80.207.0    28,742 bytes  
Odbcdbcpl.dll
```

WORKAROUND

When possible, use an earlier version of the SQL Server ODBC driver such as the MDAC 2.5 version (3.70.0820). STATUSMicrosoft has confirmed that this is a problem in the Microsoft products that are listed at the beginning of this article. This problem was first corrected in Microsoft Data Access Components 2.6 Service Pack 1.

MORE INFORMATIONThe SQL Server ODBC driver allows you to configure datasources to use either Microsoft Windows NT authentication (integrated security) or SQL Server authentication to log into the database.

The 2000.080.0194 version of the driver ignores the authentication specified in the data source name (DSN), and attempts to log into the database with NT authentication.

If the Windows NT account does not have permission to log on to the server, authentication errors are thrown. If the account has login permissions, but a different database is specified as the default database, "invalid object" errors can be thrown. If multiple copies of objects are kept in separate databases, unintentional modification of the wrong objects can occur.

This problem can cause unexpected behavior in numerous applications. For example, when you use Microsoft Access to link or query tables in a SQL Server database, no login dialog box is presented (because integrated security does not prompt for a login), and tables from the default database for the NT account are presented. No opportunity is given to change the database or login.

When you use Microsoft Project with a project that has been saved to a SQL Server database, a connection error is thrown followed by a dialog box that requires the user to clear the Use Trusted Connection check box and enter a valid user ID and password.

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Keywords: kbMDAC kbODBC kbGrpDSMDAC kbDSupport
kbSQLServ2000 kbQFE kbMDAC260sp1Fix kbbug authentication
ntlm integrated security login log on sql server odbc
driver invalid object