

PRB: Connectivity Issue with MDAC and Oracle8i

The information in this article applies to:

- Microsoft OLE DB Provider for Oracle, versions 2.5, 2.6
 - Microsoft ODBC for Oracle (Build 2.573.2927), version 2.5
 - Microsoft Data Access Components versions 2.5, 2.5 SP1, 2.6
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SYMPTOMS

When you attempt to connect to an Oracle 8i database by using the Oracle 8i client and the Microsoft Oracle ODBC Driver (MSORCL32.DLL) version 2.573.4403 or the MS Oracle Provider (MSDAORA.DLL) version 2.50.4403.0 (both installed with Microsoft Data Access Components (MDAC) 2.5), you may receive the following error message:

```
Error: "SQLSTATE: NA000
Native error code: 0
Driver Message: [Microsoft][ODBC Driver for Oracle][Oracle]
Do you need any suggestions to avoid the error?"
```

CAUSE

Different registry entries are necessary to ensure that various Oracle OCI versions operate correctly. To enable the OLE DB Provider or the ODBC Driver for Oracle to work with Oracle client software, the client's registry must be modified. The MDAC 2.5 installation may not register the required registry entries.

RESOLUTION

IMPORTANT: This article contains information about editing the registry. Before you edit the registry, make sure you understand how to restore it if a problem occurs. For information about how to do this, view the "Restoring the Registry" Help topic in Regedit.exe or the "Restoring a Registry Key" Help topic in Regedt32.exe.

WARNING: Using Registry Editor incorrectly can cause serious problems that may require you to reinstall your operating system. Microsoft cannot guarantee that problems resulting from the incorrect use of Registry Editor can be solved. Use Registry Editor at your own risk.

For information about how to edit the registry, view the "Changing Keys and Values" Help topic in Registry Editor (Regedit.exe) or the "Add and Delete Information in the Registry" and "Edit Registry Data" Help topics in Regedt32.exe. Note that you should back up the registry before you edit it. If you are running Windows NT or Windows 2000, you should also update your Emergency Repair Disk (ERD).

Change the registry setting as described in the "Known Issues for MDAC 2.5 RTM (2.50.4403.12)" section of the following release manifest:

[MDAC2.5 Release Manifest](#)

The following file is available for download from the Microsoft Download Center:

[OraReg.exe](#)

For additional information about how to download Microsoft Support files, click the article number below to view the article in the Microsoft Knowledge Base:

[Q119591](#) How to Obtain Microsoft Support Files from Online Services

Microsoft used the most current virus detection software available on the date of posting to scan this file for viruses. Once posted, the file is housed on secure servers that prevent any unauthorized changes to the file.

MORE INFORMATION

MDAC 2.5 is the first supported version of Microsoft Data Access Components for Oracle8i. You can download MDAC 2.5 from the following location:

[MDAC Download Site](#)

The Release Manifest for MDAC 2.5 describes the following registry changes:

Oracle Client	Windows NT or Windows 9x	Windows 2000
7.X	[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Transaction Server\Local Computer\My Computer]"OracleXaLib"="xa73.dll" "OracleSqlLib"="SQLLib18.dll" "OracleOciLib"="ociw32.dll"	[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\MSDTC\MTxOCI]"OracleXaLib"="xa73.dll" "OracleSqlLib"="SQLLib18.dll" "OracleOciLib"="ociw32.dll"
8.0	[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Transaction Server\Local Computer\My Computer]"OracleXaLib"="xa80.dll" "OracleSqlLib"="sqllib80.dll" "OracleOciLib"="ociw32.dll"	[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\MSDTC\MTxOCI]"OracleXaLib"="xa80.dll" "OracleSqlLib"="sqllib80.dll" "OracleOciLib"="ociw32.dll"

	ciLib"="oci.dll"	
8.1	[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Transaction Server\Local Computer\My Computer] "OracleXaLib"="oraclient8.dll" "OracleSqlLib"="orasql8.dll" "OracleOciLib"="oci.dll"	[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\MSDTC\MTxOCI] "OracleXaLib"="oraclient8.dll" "OracleSqlLib"="orasql8.dll" "OracleOciLib"="oci.dll"

For Microsoft Windows 2000 systems:

1. Run RegEdit.
2. Under the following RegKey, edit OracleOciLib, and then set it to the correct values in the previous table:

HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\MSDTC\MTxOCI

NOTE: If this key has not been added automatically by setup, add "OracleOciLib" to the registry.

For Microsoft Windows NT 4.0 or Microsoft Windows 95 or Windows 98 systems:

1. Run RegEdit.
2. Under the following RegKey, edit OracleOciLib and set it to the correct values in the previous table:

HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Transaction Server\Local Computer\My Computer

NOTE: This key must be added manually using RegEdit.

NOTE: The information in this article also applies to MDAC 2.5 SP1 and MDAC 2.6.

REFERENCES

For additional information, click the article numbers below to view the articles in the Microsoft Knowledge Base:

[Q239719](#) INFO: Supportability of the Microsoft ODBC Driver/ OLE DB Provider for Oracle w.r.t Oracle 8.x

[Q244661](#) FIX: Microsoft Oracle ODBC Driver and Provider Support Connectivity to Oracle 8i

Additional query words: OraReg Oracle8i NA000