

## Re: System.Data.OracleClient requires Oracle client software version 8.1.7 or greater

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*Source:*

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.adonet/2005-10/msg00314.html>

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- *From:* <[anony@xxxxxxxxxxx](mailto:anony@xxxxxxxxxxx)>
  - *Date:* Mon, 10 Oct 2005 09:38:18 +0200
- 

I tried this solution with my previous installation and it didn't work. However, with the new installation it does.

Thanks Paul!

"Paul Clement" <[UseAddressAtEndofMessage@xxxxxxxxxxxxxxxx](mailto:UseAddressAtEndofMessage@xxxxxxxxxxxxxxxx)> schreef in bericht [news:317dk15h0j95aeuof9hhr9vu2socc4ed9h@xxxxxxxxxxx](mailto:news:317dk15h0j95aeuof9hhr9vu2socc4ed9h@xxxxxxxxxxx)

> On Fri, 7 Oct 2005 15:27:02 +0200, <[anony@xxxxxxxxxxx](mailto:anony@xxxxxxxxxxx)> wrote:

>

> ☒ I am building a solution to administer the telephone accounts of the clients

> ☒ of our nursery home. The solution has a Windows Forms project for the

> ☒ administrators and an ASP.NET Webapplication for the reception desk for

a

> ☒ fast lookup of phone numbers.

> ☒

> ☒ In both projects, I use the System.Data.OracleClient components to

> ☒ communicate with our Oracle database. The Windows Forms application

works

> ☒ great on my development, but the web application throws an exception

when I

> ☒ load the page:

> ☒

> ☒ System.Data.OracleClient requires Oracle client software version 8.1.7

or

> ☒ greater

> ☒

> ☒ Oracle Client 9i (9.2.0.1.0) is installed on the system. In another

> ☒ newsgroup, I read that the group 'Authenticated users' needs read and

> ☒ execute rights on the Oracle homedirectory to allow the ASP.NET account

to

> ☒ access the Oracle Client files. However, these rights were already

granted

> ☒ to the group.

> ☒ I have completely uninstalled the Oracle Client and reinstalled it, but

this

> ☒ didn't solve the problem either.

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> ☐  
> ☐ Any help would be really appreciated!  
>  
> It's probably a permissions problem on the Oracle Home folder for 9i. I would try the following:  
>  
> Problem Description  
> -----  
>  
> When running an application using the Oracle9i Release 2 (9.2.0.1.0) install  
> of client software and that attempts to connect to an Oracle database with the  
> Authenticated User privilege (such as when you use Microsoft's Internet  
> Information Server (IIS)) through any of the following programmatic  
> interfaces  
>  
> 1. Oracle Provider for OLE DB  
> 2. Microsoft OLE DB Provider for Oracle  
> 3. Oracle ODBC Driver  
> 4. Microsoft ODBC for Oracle  
> 5. Oracle Objects for OLE (OO4O)  
> 6. Microsoft .NET Framework Data Provider for Oracle  
>  
>  
> you may receive one of the following errors:  
>  
>  
> (1) Oracle Provider for OLE DB  
>  
> (a) Error Type: Microsoft OLE DB Service Components (0x80070005)  
>  
> Access is denied.  
>  
>  
> (b) OraOLEDB.Oracle Provider is not registered on the local machine  
>  
>  
> (2) Microsoft OLE DB Provider for Oracle  
>  
> (a) Error Type: Microsoft OLE DB Provider for Oracle (0x80004005)  
>  
> Oracle client and networking components were not found. These  
> components are supplied by Oracle Corporation and are part of  
> the  
> Oracle Version 7.3.3 or later client software installation.  
> Provider  
> is unable to function until these components are installed.  
>  
>  
> (b) Error Type: Microsoft OLE DB Provider for Oracle (0x80004005)

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>  
> Oracle error occurred, but error message could not be retrieved  
> from Oracle.  
>  
>  
> (3) Oracle ODBC Driver  
>  
> (a) Error Type: Microsoft OLE DB Provider for ODBC Drivers  
> (0x80004005)  
>  
> Specified driver could not be loaded due to system error 5  
> (Oracle  
> in OraHome92).  
>  
>  
> (4) Microsoft ODBC for Oracle  
>  
> (a) The Oracle(tm) client and networking components were not found.  
> These components are supplied by Oracle Corporation and are  
> part  
> of the Oracle Version 7.3 (or greater) client software  
> installation.  
>  
> You will be unable to use this driver until these components  
> have  
> been installed.  
>  
>  
> (b) Error number: -2147467259  
>  
> Error Description: [Microsoft][ODBC Driver Manager] Driver's  
> SQLAllocHandle on SQL\_HANDLE\_ENV failed  
>  
>  
> (5) Oracle Objects for OLE  
>  
> (a) while using a GLOBAL.ASA file  
>  
> Error Type: Active Server Pages (0x0)  
>  
> An error occurred while creating object 'OraSession'.  
>  
>  
> (b) not using a GLOBAL.ASA file  
>  
> Error Type: Microsoft VBScript runtime (0x800A0046)  
>  
> Permission denied: 'CreateObject'  
>  
>  
> (6) Microsoft .NET Framework Data Provider for Oracle

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- >
- > (a) System.DllNotFoundException: Unable to load DLL (oci.dll).
- > at System.Data.OracleClient.DBObjectPool.GetObject(Boolean&
- > isInTransaction)
- > at System.Data.OracleClient.OracleConnectionPoolManager.
- > GetPooledConnection(String encryptedConnectionString,
- > OracleConnectionString options, Boolean& isInTransaction)
- > at System.Data.OracleClient.OracleConnection.OpenInternal
- > (OracleConnectionString parsedConnectionString, Object
- transact)
- > at System.Data.OracleClient.OracleConnection.Open()
- > at
- WCWSItemAvailability.ETAAvailability.SingleAvailability(String
- > ItemNumber, String BusinessUnit, Int32 OrderQty, Int32&
- > AvailableQty, Int32& OnHandQty, String& ETADate, Int32&
- Error)
- > at WCWSItemAvailability.ETAAvailability.XMLAvailability(String
- > XMLInput)
- >
- >
- > (7) Other miscellaneous errors
- >
- > (a) The Specified Module Could Not Be Found
- >
- > (b) ORA-00604: error occurred at recursive SQL level 1
- > ORA-12705: invalid or unknown NLS parameter value specified
- >
- > (c) Unable to load DLL (OraOps9.dll):
- > ...
- > [DllNotFoundException: Unable to load DLL (OraOps9.dll).]
- >
- > (d) System Error 998 trying to run ASP page
- >
- >
- > Solution Description
- > -----
- >
- > Oracle 9.2 Client software requires that you give the Authenticated User
- > privilege to the Oracle Home by following these steps:
- >
- > 1. Log on to Windows as a user with Administrator privileges.
- >
- > 2. Launch Windows Explorer from the Start Menu and navigate to the
- > ORACLE\_HOME folder. This is typically the "Ora92" folder under the
- > "Oracle" folder (i.e. D:\Oracle\Ora92).
- >
- > 3. Right-click on the ORACLE\_HOME folder and choose the "Properties"
- option
- > from the drop down list. A "Properties" window should appear.
- >
- > 4. Click on the "Security" tab of the "Properties" window.

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- >
- > 5. Click on "Authenticated Users" item in the "Name" list (on Windows XP
- > the "Name" list is called "Group or user names").
- >
- > 6. Uncheck the "Read and Execute" box in the "Permissions" list under the
- > "Allow" column (on Windows XP the "Permissions" list is called
- > "Permissions for Authenticated Users").
- >
- > 7. Re-check the "Read and Execute" box under the "Allow" column (this is
- > the box you just unchecked).
- >
- > 8. Click the "Advanced" button and in the "Permission Entries" list make
- > sure you see the "Authenticated Users" listed there with:
- >
- > Permission = Read & Execute
- > Apply To = This folder, subfolders and files
- >
- > If this is NOT the case, edit that line and make sure the "Apply onto"
- > drop-down box is set to "This folder, subfolders and files". This
- > should already be set properly but it is important that you verify this.
- >
- > 9. Click the "Ok" button until you close out all of the security properties
- > windows. The cursor may present the hour glass for a few seconds as it
- > applies the permissions you just changed to all subfolders and files.
- >
- > 10. Reboot your computer to assure that these changes have taken effect.
- >
- >
- > Re-execute the application and it should now work.
- >
- >
- > Explanation
- > -----
- >
- > If you install Oracle9i Release 2 (9.2.0.1.0) on a computer running Windows
- > with an NTFS partition, the contents of ORACLE\_HOME directory will not be
- > visible to users who are authenticated on that machine. These permissions
- > were not set properly when the software was installed.
- >
- > Applications that were working fine with previous versions of Oracle

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software

> will stop working when they upgrade to Oracle 9.2.

>

> NOTE: The application will continue to work if the user has logged onto the

> machine as an Administrator.

>

> Any application that is using the Authenticated User privilege will not work.

> A notable example would be IIS which might service some of the requests based

> on the Authenticated User privileges.

>

> To demonstrate the problem in further detail, you can log on to the operating

> system as an authenticated machine user. You won't be able browse the contents

> of the ORACLE\_HOME directory demonstrating your inability to load any Oracle DLLs

> or make a connection.

>

>

> Additional Information

> -----

>

> The above error messages may not only be encountered when using Oracle 9.2

> client software but may also exist when running into general permissions

> issues using third party products on a Windows platform.

>

>

> Paul

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> Microsoft MVP (Visual Basic)

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• **References:**

◆ **[System.Data.OracleClient requires Oracle client software version 8.1.7 or greater](#)**

◇ From: anony

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