

Re: SQL2k debugging broken/problem

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.tools/2005-06/msg00019.html>

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 - *Date:* Fri, 03 Jun 2005 12:32:12 GMT
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Hello,

Many factors can cause the issue. For example,

1. DCOM Component is disabled.
2. Firewall existing between the client and the server.

I suggest that you perform the following steps:

1. Test to see if you can use Transact-SQL Debugger to debug the stored procedure in another local SQL instance installed on another local computer. Please make sure both computers locate in the same domain and no firewall between them.
2. Install a new SQL instance on another Windows 2003 SP1 machine then check if it can debug the stored procedure on another local computer.
3. Turn off any firewall installed on the client computer and the server. Check the issue again.
4. Run dcomcnfg both on the client machine and the server when firewall is turned off. Go to the Dcom Config properties under default properties. Locate the check box stating "enable Distributed COM on this computer" and check it if it isn't checked.
5. Refer to steps in the "Incorrect DCOM Permission Settings" in the "Troubleshooting the Transact-SQL Debugger" topic in BOL to allow remote users to attach the debugger to a process on the database server.
6. Follow these steps to manually install and register missing debugger components when the server and client are running on different machines:

On the client:

1. Copy file sdicInt.dll from the \x86\binn folder of your SQL Server 2000 CD-ROM to c:\program files\microsoft sql server\mssql\80\tools\binn, then register it:
regsvr32 sdicInt.dll

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2. Create folder c:\program files\common files\microsoft shared\SQL Debugging.
3. Copy the following files from \x86\other\sdi to c:\program files\common files\microsoft shared\SQL Debugging:
sqldbg.dll
sqldbreg.exe

then, register the files:

```
regsvr32 sqldbg.dll  
sqldbreg /RegServer
```

On the server:

1. Create folder c:\program files\common files\microsoft shared\SQL Debugging.
2. Copy the following file from \x86\other\sdi to c:\program files\common files\microsoft shared\SQL Debugging:

```
sqldbg.dll  
then, register the file:  
regsvr32 sqldbg.dll
```

3. Copy file mssdi98.dll from \x86\other\sdi to where sqlservr.exe resides (e.g. c:\program files\microsoft sql server\mssql\binn)
4. Restart the SQL Server service

Reboot the computer.

7. If the issue still exists, disable the firewall, then run
netstat -ano 5

while running the debugger.

Check the port is used by QA. Then open these ports on firewall.

Some customers resolved their issue by performing above steps. I hope the information is helpful.

Sophie Guo
Microsoft Online Partner Support

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- **References:**

- ◆ **SQL2k debugging broken/problem**
 - ◇ From: Brad
- ◆ **RE: SQL2k debugging broken/problem**
 - ◇ From: Sophie Guo [MSFT]
- ◆ **Re: SQL2k debugging broken/problem**
 - ◇ From: Brad

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