

## Re: Unable to connect to SQL 2000 engine on other machine from SSM

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*Source:*

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.connect/2007-08/msg00079.html>

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- *From:* "Rick Byham, \(\MSFT\)" <[rickbyh@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:rickbyh@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Fri, 17 Aug 2007 08:53:34 -0700
- 

Did you every figure this out?

--

Rick Byham (MSFT)

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"migeold" <[migeold@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:migeold@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message <news:6F992918-CFCD-40D3-B2C2-4F601F75423B@xxxxxxxxxxxxxxxxxxxx>

I've made these tests:

- Alias with port number: ok
- Upgrade MSDE to SP4: not ok.
- Stop Service SQL-Server 2005: not ok.
- Stop Service SQL-Browser: not ok.
- Altered start order of services (used DependOnService in Registry): not ok.

So, I'm very frustrated. Seems, BOL is wrong respectively SQL Browser is not working correctly.

If I don't get any solution in this newsgroup the next days, I'll post a bug report.

"migeold" wrote:

Hi Rick,

thank you very much for your help!

First of all, it's no network problem. I can pass through firewall, I can ping the server and yes, I can connect to MSDE when I use `ServerName\Instance,Port`.

But, I can't connect when I only use `Server\Instance`. I'm sure, it's the way how `SQLServer-Browser` resolves portnumber of MSDE named instance.

I made following tests on a clean Windows XP SP2 Prof.:

- 1.) Install MSDE 2000 SP3a first, then install SSEE 2005 -> Connection is ok!

Re: Unable to connect to SQL 2000 engine on other machine from SSM

2.) Install SSEE first, then install MSDE -> Connection is not ok!

In both cases, I used a named instance for MSDE and SSEE. I explicitly enabled SQLServer-Browser service.

I found an very useful article in BOL (see [http://msdn2.microsoft.com/en-us/library/ms165724\(d=printer\).aspx](http://msdn2.microsoft.com/en-us/library/ms165724(d=printer).aspx)) describing how SQLServer-Browser works (or should work). According to it, MSDE 2000 SP3a works together with SSEE without any problem. But it doesn't...

Of course, your advice should work (I'll test it shortly). I could use alias or move port-number.

But, our main problem is: we do have an installation routine (well tested) to install our software with MSDE for server/client. Everything was working very well.

Since a few months, Windows 2003 Server ships with SSEE preinstalled (for backup) and now, our setup fails (clients are not able to connect).

For us and our customers, it would be easier to change SQLServer settings in one place instead of changing many clients.

I'll test shortly:

- 1.) Your advice with alias.
- 2.) Upgrade MSDE SP3a to SP4.
- 3.) Disable SQLServer-Browser service and SSEE 2005, according to BOL, MSDE SSRP (SQL Server Resolution Protocol) is activated.

BOL says, in case of problems you should alter start sequence of services (Browser and MSDE). I tried that manually, but it didn't work. Do you know, where I can alter start sequence, so I can test it after reboot?

Migeold.

"Rick Byham, (MSFT)" wrote:

- > I'm not sure why the SQL Server Browser service isn't passing the > correct > port information to your client. All I can recommend is checking > everything > from start to finish.
- > Can the client ping the server? Can the client connect using IP address > and > port? Can the client connect using name and port? Can other clients > connect?
- > Can you connect locally using IP address and port, etc?
- >
- > Other ideas:
- > You could move the SQL Server 2005 instance to a new port, letting the > MSDE

Re: Unable to connect to SQL 2000 engine on other machine from SSM

> take port 1433, and that might help.  
> It sounds like you can connect to Computername,port. I presume you >  
> could set  
> up a client side alias with the instance name and including the port.  
> -- > Rick Byham (MSFT)  
> This posting is provided "AS IS" with no warranties, and confers no >  
> rights.  
>  
> "migeold" <migeold@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
>  
> [news:5CCC9339-734B-42C2-B80E-CD07252BFC71@xxxxxxxxxxxxxxxxxxxxx](mailto:news:5CCC9339-734B-42C2-B80E-CD07252BFC71@xxxxxxxxxxxxxxxxxxxxx)  
>> Yes, it is. Running services on my computer:  
>> - MSSQL\$INSTANCE [MSDE 2000]  
>> - SQL Server (MSSQLSERVER) [SSEE 2005]  
>> - SQL Server-Browser  
>>  
>> "Rick Byham, (MSFT)" wrote:  
>>  
>>> Is the SQL Server 2005 Browser Service running on the server?  
>>> -- >>> Rick Byham (MSFT)  
>>> This posting is provided "AS IS" with no warranties, and confers no  
>>> rights.  
>>>  
>>> "migeold" <migeold@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in  
>>> message  
>>>  
>>> [news:5EC9DDA7-2232-4D56-9212-E85949FC6E8B@xxxxxxxxxxxxxxxxxxxxx](mailto:news:5EC9DDA7-2232-4D56-9212-E85949FC6E8B@xxxxxxxxxxxxxxxxxxxxx)  
>>>> Hello Robert Hartskeerl,  
>>>>  
>>>> thank you very much!  
>>>> Your answer is very, very helpful.  
>>>>  
>>>> We had following problem:  
>>>> We distribute our software with MSDE 2000 SP3a.  
>>>> By default, DISABLENETWORKPROTOCOLS = 0, connection  
>>>> from a client >>>> was  
>>>> no  
>>>> problem.  
>>>>  
>>>> Now, MS Windows 2003 Server ships with new SS Express Edition  
>>>> 2005  
>>>> (Backup).  
>>>> Installation of our software including MSDE works fine, running it >  
>>>> on  
>>>> the  
>>>> server is ok, but connection from client is not possible. Error:  
>>>> [DBNETLIB]ConnectionOpen (Connect()), Server does not exist.  
>>>>  
>>>> I thought, it's no problem to run both MSDE 2000 and SSEE 2005 on  
>>>> one  
>>>> server.

Re: Unable to connect to SQL 2000 engine on other machine from SSM

> > > Generally, it works perfectly on the server.  
> > > But client-access is blocked by default, and I don't know where I >  
>> > can  
> > > unblock.  
> > >  
> > > Long text, short question:  
> > > Do you (or anybody) know, where I can change the behaviour of  
SSEE  
> > > 2005,  
> > > to  
> > > block client-access to my MSDE 2000 instance?  
> > > It would be easier for us, to change one setting on the server > > >  
instead  
> > > of  
> > > changing all client-connectionstrings from servername to  
> > > servername,port.  
> > > More over, you have to change port setting from dynamic to static >  
>> > and  
> > > tell  
> > > our customers how to find out port number.  
> > >  
> > > I tried Configuration-Manager, but didn't succeed. Firewall is not >  
>> > the  
> > > problem.  
> > > Could the problem sit in the UDP 1434 routine how to find MSDE  
> > > instance?  
> > >  
> > > Thank you for your help,  
> > > Migeold.  
> > >  
> > > P.S.: Do you think this behaviour could be a bug in SSEE2005? > >>  
> Software  
> > > with  
> > > a well tested installation routine is not working any more, when > >>  
> you  
> > > install  
> > > it on a pc running SSEE2005?  
> > > I tested only with SSEE2005, but I think it's the same problem > >> >  
with all  
> > > versions of SQL Server 2005.  
> > >  
> > > "Robert Hartskeerl" wrote:  
> > >  
> >> >> Ronald,  
> >> >>  
> >> >> Try giving the portnumber when you connect. In SSMS type  
> >> >> SERVERNAME,1433  
> >> >> as  
> >> >> the servername. Replace 1433 with your portnumber if you changed  
> >> >> the  
> >> >> default

Re: Unable to connect to SQL 2000 engine on other machine from SSM

Re: Unable to connect to SQL 2000 engine on other machine from SSM

> > > > or running an instance.  
> > > > -- > > > > Robert Hartskeerl, MCTS  
> > > > <http://hartskeerl.nl/blogs/robert/>  
> > > >  
> > > >  
> > > > "Ronald Bijlhouwer" wrote:  
> > > >  
> > > > > On my machine I have installed both SQL Server 2000 as SQL >  
> > > > > Server  
> > > > > 2005.  
> > > > > On another machine SQL Server 2000 is installed.  
> > > > > I am able to connect to my local SQL Server 2000 Engine from >  
> > > > > within  
> > > > > both  
> > > > > Enterprise Manager as SSMS.  
> > > > > Enterprise Manger also allows me to connect to the other > > > >  
> > > > > machine,  
> > > > > however  
> > > > > when I try to connect to it from SSMS I receive a timeout > > > >  
> > > > > error.  
> > > > > In both cases I have used SQL Server authentication.  
> > > > >  
> > > > > Any help appreciated!  
> >>  
> >>  
>  
>