

Re: Performance really poor if calling data from sql clients

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.clients/2006-04/msg00015.html>

- *From:* "Andrew J. Kelly" <sqlmvpnoospam@xxxxxxxxxxxxx>
 - *Date:* Mon, 3 Apr 2006 07:40:12 -0400
-

Is TCP enabled on the Laptop for SQL Server? Run the SQL Server Configuration Manager and make sure you have the right protocols enabled for that instance.

--

Andrew J. Kelly SQL MVP

"Stephan (Germany)" <StephanGermany@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:AE7B7DF6-0A74-4E62-A535-1624D0747DEB@xxxxxxxxxxxxxxxxxxxxx

I have made the following SQL tests:
I'm inserting two rows in two different tables, one table first, delete the rows, insert into the next table and delete the rows.

I measure the runtime.

On a computer running the test which is not the database hosting computer,
xxx if TCP/IP connection was not established before, it takes 15 sec
xxx if I repeat the same (within 30 sec), it takes close to 0 sec

xxx named pipes: if not established before (within 30 sec), it takes 6 sec
xxx named pipes: if I repeat the same. it takes close to 0 sec (because of connection pool I believe)

If I launch the program on the laptop where the database is hosted,
xxx if I choose TCP/IP: error, no SSPI context can be generated
xxx if I choose named pipes: close to 0 sec runtime

What is using so much time? The problem is: in my application, the users are ongoing writing and reading from database tables. So if the user is pausing, he/she will get a long waiting time in order to make changes later on.

The TCP/IP error on the laptop, do I have to use the loop back IP address

Re: Performance really poor if calling data from sql clients

instead of the same IP address for the TCP tests from client computers?

Yours
Stephan

"Andrew J. Kelly" wrote:

Sorry I meant SSMS (SQL Server Management Studio).

--
Andrew J. Kelly SQL MVP

"Stephan (Germany)" <StephanGermany@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote in
message
news:187C37B8-FC91-4978-B928-FA17A21979E1@xxxxxxxxxxxxxxxxxxxx

Hello Andrew,

what do you mean with SSIS ?

I have checked DNS, WINS and address resolution. The laptop where the database is running can be found via ping and nslookup. If I make another test (creating new logins in SQL management studio), it is not possible to see any other domain rather than the laptop itself, this is a bit confusing. Maybe it has nothing to do with my problem but it is not really good.

"Andrew J. Kelly" wrote:

If you run the same query from SSIS on the server does it run fast or slow?
Sounds like network issues or problems with name resolution.

--
Andrew J. Kelly SQL MVP

Re: Performance really poor if calling data from sql clients

"Stephan (Germany)"

<StephanGermany@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote

in

message

news:E1285720-7132-4B56-B754-B98E9594F466@xxxxxxxxxxxxxxxxxxxx

Ok, the performance is not stable:

it is true that with named pipes. it is going a bit faster, but each time

I select another table to be displayed, it is still waiting for something

I cannot see even in the profiler. There is an overhead I can't actually find out.

Any idea?

Yours
Stephan

"Stephan (Germany)" wrote:

Hello
Andrew,

good hint
with the
profiler.

You know
I'm
"fighting"
since a
while to
follow the
documented
recommendation

Re: Performance really poor if calling data from sql clients

of using
TCP instead
of Named
Pipes to get
performance.

I see now if
I using
Named
Pipes
connection
in VS2005,
everything
is
going
faster in
VS2005
(and I
assume this
will also
happen for
my
application
if I
do the
same).

So, what is
the problem
with TCP as
connection
type?
Already
known
issues
by
Microsoft
SQL
developer
teams?

Yours
Stephan

"Andrew J.
Kelly"
wrote:

I
can't

Re: Performance really poor if calling data from sql clients

vouch
for
any
of
the
VS
components
when
it
comes
to
performance
since
I
don't
use
them
for
database
access.
But
you
should
be
able
to
use
profiler
to
see
what
is
happening
on
the
sql
server
end.
Also
what
does
the
query
plan
look
like?
Is
it
optimal?
Did
you

Re: Performance really poor if calling data from sql clients

run
sp_updatestats?

--
Andrew
J.
Kelly
SQL
MVP

"Stephan
(Germany)"
<StephanGermany@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote
in
message
news:FB05EA03-F277-4FBE-B1AB-A7C8C767B41D@x

Hello,

I
have
installed
SQL2005
developer
edition
on
a
laptop
(2
GB
RAM),
VS2005
on
another
computer.
The
database
is
quite
small
(nearly
no
data
or
some
test
data).
The
performance

Re: Performance really poor if calling data from sql clients

is
still
really
bad:
xxx
each
time
you
open
the
server
explorer
in
VS2005
and
you
use
"show
table
data"
(takes
at
least
20
sec.,
sometimes
time
out).

xxx
each
time
I
read
from
tables
within
my
application
(I'm
not
reading
the
full
table,
I'm
selecting
the
data,
number
of

Re: Performance really poor if calling data from sql clients

records

<

5)

What

can

be

done

in

order

to

determine

the

performance

consuming

element/object?

The

network

the

computer

are

attached

consists

of

less

than

5

users

(1

Gbit

backbone).

Are

there

any

configuration

aspects

which

can

help

to

improve

the

performance?

Network

pack

size

=

4096

Max.

number

Re: Performance really poor if calling data from sql clients

of
concurrent
connections

=

0

Boost

SQL

server

priority

is

not

checked

Max.

server

memory

=

2

GB

Thanks,

Stephan