

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/msg00018.html>

- *From:* Stephan (Germany) <StephanGermany@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 3 Apr 2006 23:36:02 -0700
-

The database properties (compatibility mode = 90, AutoClose = false) are set.

How can I get additional help if you have no further ideas?

Thanks
Stephan.

"Andrew J. Kelly" wrote:

One last thing I can think of is do you have the AutoClose property for that database set to true? If so turn it off and see if that helps.

--

Andrew J. Kelly SQL MVP

"Stephan (Germany)" <StephanGermany@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:BD951B9E-85E1-4873-8B89-53670220836D@xxxxxxxxxxxxxxxxxxxx

Hello,

yes, TCP is enabled with a certain port. This port will be given in my connection string as well. The TCP connection is running from the client (in some cases but not stable). In SSMS, memory, named pipes and TCP connections are enabled. Server already restarted several times (MSSQLSERVER, SQL agent and SQL browser).

In the meantime, I have scheduled with a job on SQL server your mentioned task Update statistics. After the job was running, nothing really changed concerning the performance nor connection time. Using NETMON, I see that most time is getting lost in requesting access to the server. This is visible in

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my test: 50% of the total time will be used before the the real SQL commands will be performed.

Yours
Stephan.

"Andrew J. Kelly" wrote:

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@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:AEBB7DF6-0A74-4E62-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)

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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
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 ?

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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

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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

"Stephan
(Germany)"
<StephanGermany@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote
in
message
news:E1285720-7132-4B56-B754-B98E9594F466@xxxxx

Ok,
the
performance
is
not
stable:

it
is
true

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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:

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Hello
Andrew,

good
hint
with
the
profiler.

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

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(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
vouch
for
any
of
the

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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
run
sp_updatestats?

--
Andrew

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J.
Kelly
SQL
MVP

"Stephan
(Germany)"
<StephanGermany@xxxxxxxxxxxxxx
wrote
in
message
<news:FB05EA03-F277-4FBE-B1A>

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
is
still
really
bad:
xxx

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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
records
<
5)

What

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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
of
concurrent
connections
=
0

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Boost
SQL
server
priority
is
not
checked
Max.
server
memory
=
2
GB

Thanks,
Stephan