

Re: TDS vs. TCP

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.clustering/2006-08/msg00224.html>

- *From:* "Ayad" <ashammout1@xxxxxxxxxxxx>
 - *Date:* Mon, 28 Aug 2006 08:54:52 -0400
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I'm using "Ethereal". I start capturing the network traffic between SQL Server and the client. The communication between SQL Cluster instance and the client, I don't see any TDS packets but the communication between SQL stand-alone server and the client, I see TDS packets.

Ayad

"Linchi Shea" <LinchiShea@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:82135502-5B49-4C8A-A6C4-27C22A487429@xxxxxxxxxxxxxxxxxxxx

I was trying to understand how you 'see' TDS or TCP packets. What tool did you use to 'see' TDS packets or TCP packets?

Linchi

"Ayad" wrote:

That's true in stand-alone server but in Cluster where SQL is a Virtual Host, I only see TCP packets.

That's what I'm trying find out why? When I ran a query against stand-alone SQL instance, I see both TDS and TCP packets where in the TDS packets the query and the response to it, BUT in cluster I don't see any TDS packets, only TCP.

Ayad

"Linchi Shea" <LinchiShea@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:1E34769C-8395-4B6F-B37F-4044D6B8740F@xxxxxxxxxxxxxxxxxxxx

What I found, when I point the client to test server, I see TDS packets between the client and Test SQL server but

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when I point it to
production
(cluster), I see only TCP packets (no TDS
packest).

Can you clarify what you meant by 'see TDS' or 'see only
TCP'? SQL
Server
speaks TDS between client and server, and the trasport can
be TCP. In
other
words, TDS packets would be payload on TCP packets. So
you should "see"
both
all the time (if TCP is the transport).

Linchi

"Ayad" wrote:

Hi,

I have 2 SQL 2000 Ent. instance, one is
stand alone (test) and the
other
instance is on Cluster (production) (W2K3).

I have an application perfomance issue, the
application runs ok on
test
but
it is slow on production. I took a network
capture for both instances
and
analyzed the communication between the
client and SQL servers.

What I found, when I point the client to test
server, I see TDS
packets
between the client and Test SQL server but
when I point it to
production
(cluster), I see only TCP packets (no TDS
packest).

Does this make any sense?

Thanks

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Ayad