

Re: SQL Server 50% slower running on SAN

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.server/2005-03/0175.html>

From: Burkhard (bmeier_at_infogenesis.com)

Date: 03/01/05

Date: Mon, 28 Feb 2005 16:21:57 -0800

Hello Adam,

Yes, SQL Server is cranking at 100% CPU usage for more than 3 hours when writing to the SAN. It is also using up to 100% when writing to the local drive, but it is just much faster. What takes 3 hours on the SAN is accomplished in 1.5 hours writing locally.

We do notice in perfmon that the Bytes Total/sec for the Network Interface counter is very low for SQL Server processing compared to performing a file copy/transfer. SQL Server only writes Avg: 13,000 , Max: 28,308 bytes per sec, while a file transfer gives us Avg: 10,000,000 , Max: 36,769,205.

Note: We just found out that the .exe that is writing to SQL Server was a version which has been hot fixed in the meantime. This version had unnecessary excessive logging to the Windows Event log. Running the hot fixed .exe that does not do this writing to the Event log now gives us much better performance and our problem seems to be solved.

Thanks for your quick reply.

Burkhard

>-----Original Message-----

>Have you used perfmon to find out where the bottleneck is?

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>Adam Machanic

>SQL Server MVP

><http://www.sqljunkies.com/weblog/amachanic>

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>"Burkhard" <bmeier@infogenesis.com> wrote in message

>news:2b2601c51dec\$c2d73be0\$a601280a@phx.gbl...

microsoft.public.sqlserver.server: Re: SQL Server 50% slower running on SAN

>> *We are in the final tests of running SQL Server on the SAN*

>> *we are about to deploy to our data center. During QA*

>> *testing we are noticing a 50% increase in processing speed*

>> *even though the SAN seems to be configured correctly.*

>> *Any idea where to look further would be appreciated.*

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>> *Thanks,*

>> *Burkhard*

>> *QA Tester*

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