

## Re: SQL transaction logs on iSCSI

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<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.clustering/2006-05/msg00014.html>

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- *From:* Douglas Watt <[DouglasWatt@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:DouglasWatt@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Wed, 3 May 2006 11:04:03 -0700
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Well I can say that I have been using SQL2K running iSCSI to you NetApp for over 2 years now. I have 4 DB servers that have a total of about 150GB of databases between the servers. I have both the logs and the DB out on the filer. I noticed a definite performance increase when they were moved over. I don't have the logs or the DBs on local disk.

I have had a couple of issues, especially since I was testing it when it became available, but nothing that caused any data loss or corruption. Overall it has been running great.

The recommendations I can give are make sure your traffic is isolated off the public network. make it as redundant as possible. Mostly don't cut corners on products either. I run HP server with teamed NICs going to two separate trunked Cisco switches.

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Douglas Watt

"Geoff N. Hiten" wrote:

I have heard too many horror stories about iSCSI storage with SQL to be comfortably using any solution. I do know some people have had success using iSCSI, but when it goes bad, it goes way, way bad. I would not recommend using iSCSI without a manufacturer showing me both a live customer install AND letting me play with a setup for a few days.

I have had excellent results with EMC Clariion boxes, provided the SAN Architect actually understands how to set up a system for Microsoft SQL Server.

Either way, don't automatically select the lowest cost provider. If this is your first foray into the SAN world, you really need good advice and guidance. That means paying for professional services along with the hardware. Make sure your vendor can provide both to the level you need.

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Re: SQL transaction logs on iSCSI

Geoff N. Hiten  
Senior Database Administrator  
Microsoft SQL Server MVP

"AJ" <AJ@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
[news:09F0A374-2188-4FA9-9AAE-9B09E90C38BD@xxxxxxxxxxxxxxxxxxxx](mailto:news:09F0A374-2188-4FA9-9AAE-9B09E90C38BD@xxxxxxxxxxxxxxxxxxxx)

We have been advised that there are performance issues with putting transaction logs on iSCSI targets. Can anyone give more detail/confirm/repudiate this?

We are looking at implementing a two node (probably single instance to begin with) SQL 2K cluster with an iSCSI or fibre channel set of disk resources. We would prefer to use iSCSI due to our existing data network but we are unsure of the performance implications of doing this.

Has anyone installed anything similar? I have been looking at NetApp, EMC and HP iSCSI targets.

Thanks in advance. Any pointers are appreciated.