

Re: SAN drive config for SQL Cluster

Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.clustering/2005-02/0129.html>

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Date: 02/15/05

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An where are you going to put your backups?

Or are you relying on tape backup software?

Regards

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"Kamal Hassan" <Kamal.Hassan@discussions.microsoft.com> wrote in message
news:1CF126AB-D562-4706-8E90-2A2900C56C38@microsoft.com...

> *I also have a question for Uttam Parui...*

>

> *I plan to install 2 node cluster (initially) and then add third and may be
> fourth node later.*

>

> *I plan to do the following:*

>

> *3 luns (SQL Data for each NODE1 i.e Server1, Server2, Server3) = E, F, G*

> *3 luns (2 SQL log shared by S1, S2, S3, 1 for Quorum) = S, T, Q*

>

> *Each Server has following:*

>

> *C:\ (mirrored) = OS*

> *D:\ (mirrored) = SQL Binary + PAGE FILE*

>

> *Server1 (Node1/Active)*

> *Data=E:*

> *Log=S:*

> *Quorum=Q:*

>

> *Server2 (Node2/Passive)*
> *Data=E:*
> *Log=S:*
> *Quorum:Q:*
>
> *Server3 (To be added later as an ACTIVE Node with Server 2 as*
PASSIVE/StandBy)
> *Data=F:*
> *Log=T:*
> *Quorum=Q:*
>
> *First, I am not sure if this is correct for 3/4 four nodes cluster and if*
it
> *is how it will work/affect FAILOVER when it happens between S1 & S2 or S3*
& S2
>
> *I would greatly appreciate if you can provide any feedback.*
>
> *Regards,*
>
> *Kamal*
>
>
>
>
> *"Uttam Parui[MS]" wrote:*
>
> > *Use RAID 5 on read-only volumes. Any disk volume that does more than 10*
percent writes is not a good candidate for RAID 5.
> > *Use RAID 10 whenever the array experiences more than 10 percent writes.*
> >
> > *In general, for OLTP systems, RAID 10 is the best for data + logs.*
> >
> > *Regarding the original qs – as many have already answered --- have*
seperate luns for Quorum, msdtc, sql data, sql Tlogs, SQL backups etc. One
huge lun is not recommended for high availability.
> >
> > *Best Regards,*
> >
> > *Uttam Parui*
> > *Microsoft Corporation*
> >
> > *This posting is provided "AS IS" with no warranties, and confers no*
rights.
> >
> > *Are you secure? For information about the Strategic Technology*
Protection Program and to order your FREE Security Tool Kit, please visit
<http://www.microsoft.com/security>.
> >
> > *Microsoft highly recommends that users with Internet access update their*
Microsoft software to better protect against viruses and security

vulnerabilities. The easiest way to do this is to visit the following websites:

> > <http://www.microsoft.com/protect>

> > <http://www.microsoft.com/security/guidance/default.aspx>

> >

> >

> >