

Re: SQL on its own partition

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2007-04/msg02750.html>

- *From:* v-robali@xxxxxxxxxxxxxxxxxxxxxxxx (Robert Li [MSFT])
 - *Date:* Tue, 17 Apr 2007 07:56:36 GMT
-

Hi Joe,

Thanks for posting in our newsgroup.

Usually is recommended installing everything on the C drive during the SBS 2003 Integrated Setup and then moving some of the data such as Exchange Database Files to the other drive. We have a white paper discussing moving data in SBS 2003, you can take a look at the following URL for reference:

Moving Data Folders for Windows Small Business Server 2003
<http://www.microsoft.com/downloads/details.aspx?FamilyID=A1D0AF69-1287-4225-BD8B-59C89F44984B&displaylang=en>

For SQL and ISA, you can choose to store the database files and cache folder in another driver during the installation.

Hope above information helps.

If you need further assistance, please don't hesitate to let me know.

Best regards,

Robert Li(MSFT)

Microsoft CSS Online Newsgroup Support

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This newsgroup only focuses on SBS technical issues. If you have issues regarding other Microsoft products, you'd better post in the corresponding newsgroups so that they can be resolved in an efficient and timely manner. You can locate the newsgroup here:
<http://www.microsoft.com/communities/newsgroups/en-us/default.aspx>

When opening a new thread via the web interface, we recommend you check the "Notify me of replies" box to receive e-mail notifications when there are

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any updates in your thread. When responding to posts via your newsreader, please "Reply to Group" so that others may learn and benefit from your issue.

Microsoft engineers can only focus on one issue per thread. Although we provide other information for your reference, we recommend you post different incidents in different threads to keep the thread clean. In doing so, it will ensure your issues are resolved in a timely manner.

For urgent issues, you may want to contact Microsoft CSS directly. Please check <http://support.microsoft.com> for regional support phone numbers.

Any input or comments in this thread are highly appreciated.

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<From: "Henrik" <henrik@xxxxxxxxxxxx>
<References: <B39965FF-E0D8-40EF-BE65-53383DC689E4@xxxxxxxxxxxxxxxx>
<1176769834_19419@xxxxxxxxxxxxxxxxxxxxxxxx>
<44D2DC48-6D4B-4AF2-8A8C-32052BC76AD2@xxxxxxxxxxxxxxxx>
<1176773520_19547@xxxxxxxxxxxxxxxxxxxxxxxx>
<E638BA00-6D49-48BC-B8C6-E258F0247EA0@xxxxxxxxxxxxxxxx>
<1176778038_19651@xxxxxxxxxxxxxxxxxxxxxxxx>
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<Date: Tue, 17 Apr 2007 09:28:23 +0200
<Lines: 78
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<X-MSMail-Priority: Normal
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<X-MimeOLE: Produced By Microsoft MimeOLE V6.00.3790.2826
<X-RFC2646: Format=Flowed; Original
<Message-ID: <#a8B9HMgHHA.4872@xxxxxxxxxxxxxxxxxxxxxxxx>
<Newsgroups: microsoft.public.windows.server.sbs
<NNTP-Posting-Host: ua-83-227-148-196.cust.bredbandsbolaget.se
83.227.148.196
<Path: TK2MSFTNGHUB02.phx.gbl!TK2MSFTNGP01.phx.gbl!TK2MSFTNGP03.phx.gbl
<Xref: TK2MSFTNGHUB02.phx.gbl microsoft.public.windows.server.sbs:30642
<X-Tomcat-NG: microsoft.public.windows.server.sbs
<
<Hello,
<
<By the default installation of SBS 2003 your various different instances
of
<datadases are installed on C: .
<That means if you havent changed It during the installation process.
<
<When you install SQL server with SBS 2003 (Premium Ed.) you along the MSDE
<instaces of WSUS, Monitoring etc. also gets a default instance in SQL

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<server.
<You can see all your installed instances in add/remove program.
<
<When you install SQL server (This does not automatically mean all other
<instances such as WSUS, Monitoring etc) you can during setup choose where
to
<install it.
<If you install it on D: you still have some program (SQL) files on C: but
<the default databases are placed on the partition you chose. There are
some
<databases in SQL that comes by default and that has to be there. The
chosen
<partition are also the place for the primary file group in SQL where any
<other database that you install also are placed. That means if you
<application that uses SQL doesn't need its own instance name. If it does
you
<have to run the SQL server setup an additional time and during that setup
<chose to install a new NAMED instance.
<
<Regarding performance, it's vital if you want good performance, to place
<datafiles on separate discs from the trans-log files.
<For good performance, also separate both datafiles and trans-log files
from
<the system disc so it won't fight the virtual memory file for disc access.
<Recommended is that you also separate datafiles and trans-log files from
the
<default databases and files regarding discs so it won't have to fight them
<either for disc access.
<
<Raid levels. When talking about Raid with SQL best practise is often to
use
<Raid 10 but it costs more disc space so the next is to use simple
mirrored
<Raid.
<Raid 5 will give you worse performance. It's all about the amount of
<spindles/disc heads.
<
<In your case, add an additional disc so that you have 6 discs at least and
<then create three mirrored drives. One for the system, one for SQL
datafiles
<and SQL default databases, one drive for transaction logs to all other
<databases that are not default SQL databases (can't be moved easily).
<
<There is one other BIG issue about separating trans-log files from the
<databases, that is security in case of disaster. This solution gives you a
<better possibility to recover from a disaster with a minimal of data loss.
<
</Henrik
<
<"Leythos" <Void@xxxxxxxxxxxx> wrote in message
<news:1176778038_19651@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

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<> On Mon, 16 Apr 2007 19:04:03 -0700, JD wrote:
<>
<>> Yes, It is a Dell server with the perc 5i controller. 2 drives are raid
1
<>> and
<>> 3 drives are raid 5 as you descrided.
<>>
<>> The installation instruction on the SQL disk seen to imply you have to
<>> upgrade the SHAREPOINT instance of WMSDE. You are saying it can be left
<>> alone
<>> if you wish?
<>>
<>> The install defaults to the C:\Program Files\Microsoft SQL Server folder
<>> where the MSDE desktop engine is installed. Won't it over ride that
<>> install??
<>
<> No, I'm not telling you anything about the WMSDE, I'm the wrong person to
<> ask about that.
<>
<> I'm only talking about the SQL instance you install for your own
<> databases, not he default ones.
<>
<>
<>
<> --
<> Leythos
<> spam999free@xxxxxxxxxxx (remove 999 for proper email address)
<
<
<