

## Re: SBS 2003 Premium needs to be restarted every few days

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2007-05/msg01420.html>

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- *From:* "Charlie Russel – MVP" <[charlie@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:charlie@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Tue, 8 May 2007 23:55:56 -0700
- 

Well, I switched to an inexpensive but real SATA RAID card (a HighPoint 1820, FWIW) and the problem went away. In my case it was a Promise on the mobo, but I've heard they're not the only problem ones.

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Charlie.

<http://msmvps.com/blogs/xperts64>

"Aleksandar" <[Aleksandar@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Aleksandar@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message [news:5679B44C-6F54-42BE-8E8C-445FDEDCE71@xxxxxxxxxxxxxxxxxxxx](mailto:news:5679B44C-6F54-42BE-8E8C-445FDEDCE71@xxxxxxxxxxxxxxxxxxxx)

RAID controller is indeed integrated on the MB and it's Silicon Image. Maybe you are right since before complete rebuild it had only two 120 Gb in Mirror. After the reinstalation I added two 250 Gb as a separate mirror array on the same controller and it actually now needs restart after 3 days instead of the 5 days as it was before reinstall. But one thing bothers me, that exact setup worked for 1,5 years no prob and why the LSASS service consumes all memory instead that for example server just runs out of memory and halts if the problem is controller related?

"Charlie Russel – MVP" wrote:

What RAID controller are you using? There is a known problem with some motherboard integrated RAID controller doing mirroring to SATA and/or IDE drives. The RAID controller itself has a low level resource leak that is happening at the hardware level and the behaviour is exactly as you describe. I had this problem on one server and if I didn't schedule an automatic reboot twice a week, I was out of luck. Put up with it for a while, using an automatic script to schedule the reboot every Tuesday and Saturday morning at 1 AM until I could replace the controller with a standalone SATA controller. (A HighPoint, FWIW.) Since the replacement I haven't seen a problem at all – it's been up for 4 weeks now.

I had to do a Swing Migration to do the rebuild, but the whole process was fairly painless.

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Re: SBS 2003 Premium needs to be restarted every few days

Charlie.

<http://msmvps.com/xperts64>

<http://mvp.support.microsoft.com/profile/charlie.russel>

"Aleksandar" <Aleksandar@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
<news:3424AAA3-5EE6-4DBC-8F81-61785F0FF95D@xxxxxxxxxxxxxxxxxxxx>

>

>

> "Leythos" wrote:

>

>> On Mon, 07 May 2007 04:33:00 -0700, Aleksandar wrote:

>> [snip]

>>>

>>> OK, let me be more specific on the original instalation itself.

>>> Originaly

>>> SBS2003 Premium came witohout any SP for Server 2003 or SBS. It

had >>> SP1

>>> for

>>> Exchange and SP3a for SQL. After instalation I installed other SP's >>

> :

>>> SP4 for

>>> SQL, SP1 for Server 2003, SP1 for SBS and SP2 for Exchange. I didnt

>>> installed

>>> SP2 for server 2003 because of the issues it has with MS POP3 >>>

connector

>>> for

>>> Exchange and MMC 3.0. Other than that there is no 3rd party software

>>> installed on the machine. I did that same installation (apart from >>>

SP2

>>> for

>>> exchange) exactly one year earlier and everything worked perfectly

>>> until SP2

>>> for Exchange is installed. Now compleatly deleted server software >>>

and

>>> performed clean install and applied mentioned SP's and the problem >>

> is

>>> the

>>> same. Hope it helps

>>

>> So you are not running any AV software on the server at all?

>>

>> What event errors are you getting?

>>

>> What errors after Sp2 are you getting that you were not getting before

>> SP2?

>>

>> What server (model/vendor) are you loading this on?

>>

>> -- >> Leythos

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>> Igitur qui desiderat pacem, praeparet bellum.  
>> Calling an illegal alien an "undocumented worker" is like calling  
>> a drug dealer an "unlicensed pharmacist"  
>> spam999free@xxxxxxxxxx (remove 999 for proper email address)  
>>  
> Yes I tried different AV solutions but that is not problem for sure. I  
> removed all AV software for testing purpose but the problem persist. >  
There  
> is  
> no errors in log at all until the mentioned slow down and eventual > restart  
> happens. When server stops responding to client requests application > log  
> is  
> overflowed by Exchange: Unable to open LDAP session on directory >  
'SERVER'  
> using port number 389. Directory returned the LDAP error:[0x1] >  
Operations  
> Error. That error is because system resources are drained so the DC >  
cannot  
> answer the request. In System Event Log there is an error: The server > was  
> unable to allocate from the system nonpaged pool because the pool was  
> empty.  
> This is also because of the memory being drained by LSASS.  
>  
> Before SP2 there were no errors and the server worked for couple of >  
months  
> without need to be restarted (except for updates)  
>  
> The server is OEM built Intel P4 3.0 Ghz, 2 x 120 Gb RAID 1, 2 x 250 Gb  
> Raid  
> 1, 1.5 GB RAM. Tested same config on other machine but with same >  
result.