

# Re: SBS 2003 Premium R2 server becomes more unstable, page file gr

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2007-03/msg02987.html>

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- *From:* "Dave Nickason [SBS MVP]" <[gwdibble@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:gwdibble@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Wed, 21 Mar 2007 12:14:06 -0400
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So at the time you got the information below, the system was showing 9 GB PF Usage? Those figures only add up to a little under 2 GB for memory usage, and even peak is only a little over 2. What figures are you showing under Commit Charge on the Performance tab?

"ipadl" <[ipadl@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:ipadl@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message [news:B677EFD4-B9E5-4DB3-B280-729D1C338FAD@xxxxxxxxxxxxxxxxxxxx](mailto:news:B677EFD4-B9E5-4DB3-B280-729D1C338FAD@xxxxxxxxxxxxxxxxxxxx)

Les et al,

We've applied those patches and it seems as though the page file is continuing to do it's old thing. It is growing to approximately 9 GB (out of 10GB that we have set aside) and sometimes growing larger, choking other applications. SQL has been limited to 512KB. Are there any other ideas as to how to diagnose this problem? I'm going to try to insert a spreadsheet into this post with a bunch of Processes that my help us find a problem. If there is a better way to do this, let me know. Thanks in advance for your help.

Image Name	PID	Username	Session ID	CPU	Mem Usage (K)	Peak Mem Usage (K)
store.exe	3620	SYSTEM	0 00	609,584	627,276 0	623,068 122
svchost.exe	928	SYSTEM	0 00	62,188	116,240 0	605,276 131
wspsrv.exe	5428	NETWORK SERVICE	0 00	27,120	39,512 0	596,512 206
w3wp.exe	7964	SYSTEM	0 00	34,508	34,896 0	591,664 74
lsass.exe	476	SYSTEM	0 00	41,296	43,724 0	589,908 181
inetinfo.exe	1656	SYSTEM	0 00	33,392	33,440 0	584,112 144
mad.exe	3072	SYSTEM	0 00	21,856	24,320 0	570,804 89
winlogon.exe	416	SYSTEM	0 00	3,904	23,880 0	567,600 59
services.exe	464	SYSTEM	0 00	97,904	97,904 0	560,292 127
ntfrs.exe	2312	SYSTEM	0 00	1,852	8,372 0	560,028 31
sqlservr.exe	1844	SYSTEM	0 00	547,040	547,256 0	558,156 54

Re: SBS 2003 Premium R2 server becomes more unstable, page file gr

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sqlagent.EXE 2580 SYSTEM 0 00 3,100 6,100 0 552,880 34
dfssvc.exe 1480 SYSTEM 0 00 4,744 4,844 0 552,792 33
crss.exe 6796 SYSTEM 0 00 3,096 3,124 0 550,936 29
tbsrv.exe 2840 SYSTEM 0 00 2,764 3,036 0 550,496 24
sqlservr.exe 1916 SYSTEM 0 00 253,864 253,992 0 262,940 49
w3wp.exe 1336 NETWORK SERVICE 0 00 76,612 76,744 0 77,544 93
sqlservr.exe 1944 SYSTEM 0 00 39,820 39,836 0 50,524 40
mmc.exe 6616 Nomadserv 0 00 28,800 28,800 0 26,864 109
hpsmhd.exe 3800 SYSTEM 0 00 16,740 16,748 0 15,736 44
explorer.exe 7708 Nomadserv 0 00 20,052 20,420 0 13,664 77
wmiprvse.exe 4944 SYSTEM 0 00 14,932 15,100 0 13,052 58
exmgmt.exe 2952 SYSTEM 0 00 10,420 11,176 0 11,076 44
dns.exe 1500 SYSTEM 0 00 6,824 6,836 0 10,760 40
mspdmin.exe 3456 SYSTEM 0 00 13,836 13,976 0 10,252 64
explorer.exe 436 Nomadserv 0 00 14,248 14,324 0 10,216 65
mssearch.exe 3100 SYSTEM 0 00 1,368 9,056 0 9,728 45
OWSTIMER.EXE 2564 NETWORK SERVICE 0 00 10,584 10,628 0 8,564 43
hpsmhd.exe 3444 SYSTEM 0 00 10,732 10,740 0 8,332 36
svchost.exe 3180 SYSTEM 0 00 8,456 9,448 0 8,272 27
ismserv.exe 1732 SYSTEM 0 00 7,096 7,104 0 7,364 47
wins.exe 2868 SYSTEM 0 00 6,192 6,208 0 7,340 30
wmiprvse.exe 4748 NETWORK SERVICE 0 00 9,884 12,244 0 6,676 40
winlogon.exe 6000 SYSTEM 0 00 2,600 8,348 0 5,864 47
svchost.exe 864 NETWORK SERVICE 0 00 4,912 4,932 0 5,312 35
svchost.exe 900 LOCAL SERVICE 0 00 6,444 6,460 0 4,788 34
spoolsv.exe 1272 SYSTEM 0 00 5,088 5,096 0 4,500 24
W3Prefch.exe 5464 SYSTEM 0 00 5,968 5,980 0 3,744 43
llssrv.exe 1764 NETWORK SERVICE 0 00 5,288 6,220 0 3,648 31
dmadmin.exe 5856 SYSTEM 0 00 4,512 4,520 0 3,544 25
svchost.exe 5792 SYSTEM 0 00 4,608 4,612 0 3,448 33
svchost.exe 2824 SYSTEM 0 00 3,864 3,920 0 3,376 31
msdtc.exe 1300 NETWORK SERVICE 0 00 4,268 4,296 0 2,208 22
sqlmangr.exe 3724 Nomadserv 0 00 5,136 6,636 0 2,096 39
sqlmangr.exe 7792 Nomadserv 0 00 5,220 6,676 0 2,084 39
smhstart.exe 2776 SYSTEM 0 00 3,120 3,128 0 2,040 17
crss.exe 392 SYSTEM 0 00 4,560 4,616 0 1,924 68
isastg.exe 1696 NETWORK SERVICE 0 00 3,812 3,824 0 1,776 30
sbscrexe.exe 2424 SYSTEM 0 00 4,336 4,560 0 1,572 31
taskmgr.exe 3576 Nomadserv 0 00 4,356 4,356 0 1,560 33
tcpvcs.exe 2480 SYSTEM 0 00 2,128 2,136 0 1,440 17
svchost.exe 804 NETWORK SERVICE 0 00 3,596 3,608 0 1,424 24
sqlwriter.exe 2716 SYSTEM 0 00 3,604 3,612 0 1,268 22
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"Les Connor [SBS MVP]" wrote:

Dave provided the link in his post.

FIX: When you run Windows Update to scan for updates that use Windows Installer, including Office updates, CPU utilization may reach 100

Re: SBS 2003 Premium R2 server becomes more unstable, page file gr

percent  
for prolonged periods  
<http://support.microsoft.com/kb/916089/en-us>

This fixes the svchost.exe issue, even though the description addresses another symptom.

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Les Connor [SBS MVP]

"Dirk-Thomas Brown" <Youhadtoask@xxxxxxxxxxxx> wrote in message  
<news:FE312A0A-4CD4-4931-8E80-EB5E74DA0CE7@xxxxxxxxxxxxxxxxxxxx>

Can you clarify as to the hot fix you are referring to please?

Dirk-Thomas

"Les Connor [SBS MVP]" <les.connor@xxxxxxxxxxxx>  
wrote in message  
<news:B308EFC6-0B93-4024-999F-B2AF4C64A493@xxxxxxxxxxxxxxxxxxxx>

These are classic symptoms, in fact I've not seen an SBS network that hasn't been affected.

Get the most recent fix, which includes msi.dll. In every case, this hotfix has resolved the issue for me.

--  
Les Connor [SBS MVP]

"ipadl" <sethschmautz@xxxxxxxx> wrote in message  
<news:1173456301.131038.72340@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Dave,

Thanks for the ideas. Under that particular PID I have the following:

AeLookupSvc, Browser,  
CryptSvc, dmserver,  
EventSystem, helpsvc, IAS,  
lanmanserver,  
lanmanworkstation,  
Netman, Nla, RasMan,

Re: SBS 2003 Premium R2 server becomes more unstable, page file gr

RemoteAccess,  
Schedule, seclogon, SENS,  
ShellHWDetection,  
winmgmt, wuauerv

It seems as though the first MS solution met our symptoms more than the second. The first described a situation where the update services would continue to use up memory until the system became unstable.

The second described a situation where the CPU useage stayed at 100% for long periods of time. In our case, we're seeing a growing page file, but we rarely see the CPU aboe 25%. Most of the time it's more like 2-6% useage with an occaisional jump above this if processes are running on the server. Any thoughts? Does this seem to fit the mold of the first MS solution or the second? Thanks again for your help,

I didn't receive a notification that you had replied or I would have answered sooner. Thanks,

Seth

Re: SBS 2003 Premium R2 server becomes more unstable, page file gr