

RE: high disk activity during Exchange maintenance

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2007-07/msg02836.html>

- *From:* v-terliu@xxxxxxxxxxxxxxxxxxxxxxxx (Terence Liu [MSFT])
 - *Date:* Fri, 20 Jul 2007 08:03:11 GMT
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Hello Jakhat,

Thank you for posting here.

According to your description, I understand that you get the high disk activity alert email from SBS. If I have misunderstood the problem, please don't hesitate to let me know.

The hard disk activity is depend on many factors: the disk interface to motherboard, the disk hardware performance, the read and write data size, the CPU and memory load;-

It is hard to said how many disk idle time is normal. If your SBS can work fine without problem, you can think the disk is OK.

Note: Since the disk activity is high, that means the load of the disk is heavy. I suggest you backup your SBS regularly.

Based on my research, the disk activity alert threshold is set to 5% idle time by default. I suggest we try the following steps to change the threshold to disappear the alert:

1. Open Server Management console on SBS
2. Extend to Monitoring and Reporting nap
3. Click Change Alert Notifications link in right pane
4. Select Performance Counters tab, highlight Disk Activity, click Edit button
5. By default the threshold value is "5", you can change it as you need.
6. Click OK twice.

Hope these steps will give you some help.

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Thanks and have a nice day!

Best regards,

Terence Liu(MSFT)

Microsoft CSS Online Newsgroup Support

Get Secure! – www.microsoft.com/security

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 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: jakhat@xxxxxxxxxxx
| Newsgroups: microsoft.public.windows.server.sbs
| Subject: high disk activity during Exchange maintenance
| Date: Thu, 19 Jul 2007 06:46:22 -0700
| Organization: <http://groups.google.com>
| Lines: 18
| Message-ID: <1184852782.394253.176520@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
| NNTP-Posting-Host: 82.110.177.146
| Mime-Version: 1.0
| Content-Type: text/plain; charset="iso-8859-1"
| X-Trace: posting.google.com 1184852783 29278 127.0.0.1 (19 Jul 2007 13:46:23 GMT)
| X-Complaints-To: groups-abuse@xxxxxxxxxxx
| NNTP-Posting-Date: Thu, 19 Jul 2007 13:46:23 +0000 (UTC)

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| User-Agent: G2/1.0
| X-HTTP-UserAgent: Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.1; .NET CLR 2.0.50727),gzip(gfe),gzip(gfe)
| Complaints-To: groups-abuse@xxxxxxxxxxx
| Injection-Info: d30g2000prg.googlegroups.com; posting-host=82.110.177.146;
| posting-account=ps2QrAMAAAA6_jCuRt2JEIpn5Otqf_w0
| Path:
TK2MSFTNGHUB02.phx.gbl!TK2MSFTNGP01.phx.gbl!TK2MSFTFEEDS02.phx.gbl!news-out.
cwix.com!newsfeed.cwix.com!newscon02.news.prodigy.net!prodigy.net!news.glorb
com!postnews.google.com!d30g2000prg.googlegroups.com!not-for-mail
| Xref: TK2MSFTNGHUB02.phx.gbl microsoft.public.windows.server.sbs:51332
| X-Tomcat-NG: microsoft.public.windows.server.sbs

|
| I get a disk activity alert most days from the sbs health monitor.
| This is
| caused by high disk activity during Exchange store maintenance which
| is
| scheduled for a 4 hour window during the night at a different time to
| backups. During the maintenance, which runs for approx 4.5 hours,
| Physical
| disk % idle time averages 9-10% compared to 93% during business hours.
| The database files are a few GB below the store size limit (set to 19
| GB) and there is > 20GB free space on the partition.
| Can anyone tell me if this disk activity is normal as I don't have any
| other Exchange servers to compare it with?
| There are absolutely no other problems with this server, SBS 2003
| premium
| sp1 (Exchange SP2).

| Thanks.
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