

## RE: Running out of space

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2005-08/msg02197.html>

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- *From:* [v-yanniw@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:v-yanniw@xxxxxxxxxxxxxxxxxxxxxxxx) ("Jenny wu [MSFT]")
  - *Date:* Mon, 08 Aug 2005 07:07:15 GMT
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Hi Pat,

Thanks for posting here.

I am sorry for the delayed response due to weekend. Please understand that the newsgroups are staffed weekdays by Microsoft Support professionals to answer your systems and applications questions. Your understanding is greatly appreciated!

For your description, I understand that you want to how to move data files to save space. If I am off base, please don't hesitate to let me know.

When you install a Windows Update or Hot Fix, a folder named \$NtUninstallxxxxx\$ will be created under the WINNT folder. When you install Service Pack, a folder named \$NTServicePackUninstall\$ will also be created. These folders contain the uninstallation files for these Windows Updates and service pack. They keep the original version of the files replaced by the updates and service pack. With these folders, you can uninstall the updates and service pack in case some cause problems to the system. If your system runs well, you can safely remove the folders. For more information, see:

290402 HOW TO: Remove the Service Pack Restore Files and Folders in Windows  
<http://support.microsoft.com/?id=290402>

It seems that your system drive (C:) is lack of free space. You can try the following suggestions in addition to deleting the \$NtUninstallxxxxx\$ folders to free up the disk space:

1. Use the Disk Cleanup tool to delete all temporary files. You can launch the tool from Start -> Programs -> Accessories -> System Tools -> Disk Cleanup. For more information, you can refer to the following KB article which also applies to Windows 2000:

310312 Description of the Disk Cleanup Tool in Windows XP  
<http://support.microsoft.com/?id=310312>

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2. Perform an online backup of the Exchange 2003 Information Store to purge the transaction log files. You can use either the Windows 2003 built-in NTBackup tool or an Exchange-aware third party backup tool. To use NTBackup to backup Exchange information store, you can refer to the following Microsoft KB article:

258243 How to Back Up and Restore an Exchange Computer by Using the Windows  
<http://support.microsoft.com/?id=258243>

3. Use the "Eseutil /d" command to defrag the Exchange 2003 server databases. When the users delete messages, the size of the database will keep the same and you must perform an offline defragmentation using the eseutil tool to reduce the Exchange database seize. Please note that defragmenting a database requires free disk space equal to 110 percent of the size of the database that you want to process so if you do not have enough free space to run the eseutil tool, you can defrag the database on another computer. See:

328804 How to Defragment Exchange Databases  
<http://support.microsoft.com/?id=328804>

192185 XADM: How to Defragment with the Eseutil Utility (Eseutil.exe)  
<http://support.microsoft.com/?id=192185>

4. If a defrag still cannot free up much space of your C drive, you can consider moving the Exchange databases and log files to another hard drive with bigger capacity. You can refer to the following MS KB articles to get more information on doing this:

821915 How to move Exchange databases and logs in Exchange Server 2003  
<http://support.microsoft.com/?id=821915>

5. You can also move client programs folder, sharepoint database, monitor database, and so on to another location to free up the disk space.

You can refer to the following MS white paper to move data folders as you want to:

Moving Data Folders for Windows Small Business Server 2003  
<http://www.microsoft.com/technet/prodtechnol/sbs/2003/maintain/movedata.mspx>

830254 How to move the client programs folder to another location in Windows  
<http://support.microsoft.com/?id=830254>

Please always remember to do full backup of your server in case of problems. You can refer to the following article to do a backup of SBS 2003:

Backing Up and Restoring Windows Small Business Server 2003  
<http://www.microsoft.com/downloads/details.aspx?FamilyIDH7736f8-f6f5-436d-a82d-0c8d66e2a634&DisplayLang=en>

More info:

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839214 You cannot mount an Exchange database that was moved by using the  
<http://support.microsoft.com/?id=839214>

328794 How to protect Exchange data from hard disk failure  
<http://support.microsoft.com/?id=328794>

I am looking forward to you! if you have any further concern or question about the issue, please feel free to let me know. We are always happy to be assistance of you!

<http://www.microsoft.com/technet/prodtechnol/sbs/2000/maintain/bkuprcvr.mspx>

Moving Data Folders for Windows Small Business Server 2003  
<http://www.microsoft.com/technet/prodtechnol/sbs/2003/maintain/movedata.mspx>

821915 How to move Exchange databases and logs in Exchange Server 2003  
<http://support.microsoft.com/?id=821915>

839214 You cannot mount an Exchange database that was moved by using the  
<http://support.microsoft.com/?id=839214>

328794 How to protect Exchange data from hard disk failure  
<http://support.microsoft.com/?id=328794>

830254 How to move the client programs folder to another location in Windows  
<http://support.microsoft.com/?id=830254>

Have a nice day!

Best Regards,

Jenny Wu  
Microsoft CSS Online Newsgroup Support  
Get Secure! – [www.microsoft.com/security](http://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

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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: "Pat Coleman" <pcoleman@xxxxxxxxxxxxxxxx>  
>Subject: Running out of space  
>Date: Tue, 2 Aug 2005 18:31:56 -0400  
>Lines: 18  
>X-Priority: 3  
>X-MSMail-Priority: Normal  
>X-Newsreader: Microsoft Outlook Express 6.00.3790.1830  
>X-RFC2646: Format=Flowed; Original  
>X-MimeOLE: Produced By Microsoft MimeOLE V6.00.3790.1830  
>Message-ID: <eyg6h8bmFHA.2156@xxxxxxxxxxxxxxxxxxxx>  
>Newsgroups: microsoft.public.windows.server.sbs  
>NNTP-Posting-Host: 65-86-192-25.client.dsl.net 65.86.192.25  
>Path: TK2MSFTNGXA01.phx.gbl!TK2MSFTNGP08.phx.gbl!TK2MSFTNGP14.phx.gbl  
>Xref: TK2MSFTNGXA01.phx.gbl microsoft.public.windows.server.sbs:141818  
>X-Tomcat-NG: microsoft.public.windows.server.sbs  
>  
>I Have SBS2003 premium on a 12 GB Partition, as advised.  
>  
>Hoever, after SP1 and other updates, I am 97% full.  
>  
>Any and all log files are on a separate drive.  
>  
>Can I move the files names \$NtUninstallKb..... from the c:/winnt  
directory  
>to a different partition to save space.  
>  
>What other files can I move to save space.  
>  
>Have exchange and SQL installed and winfax  
>  
>Any articles on this ??  
>  
>Pat  
>  
>  
>

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- *Follow-Ups:*
  - ◆ *RE: Running out of space*
    - ◇ *From: "Jenny wu [MSFT]"*
- Prev by Date: *RE: Exchange public calendar link to external web possible?*
- Next by Date: *Re: hosting own mail server*
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