

Re: Disk space issue on dynamic disc

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2005-06/msg08242.html>

- *From:* "John Lewis" <JLewis2@xxxxxxxxxxx>
 - *Date:* Wed, 29 Jun 2005 14:44:39 -0500
-

Thank you for your reply and help with my question.

One more question though; how would you handle the disk mirroring? Would you break the mirror of the two discs, do the procedure and then reestablish the mirror? I really don't like the OS doing the mirroring and have recommended a RAID controller be installed.

Thanks again,
John

"Nathan Liu [MSFT]" <v-natliu@xxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:CBUxpIveFHA.4196@xxxxxxxxxxxxxxxxxxxxxxxx

> Hello John,

>

> Thank you for posting in the SBS newsgroup.

>

> According to your description, I understand that you would like to expand
> the dynamic disk which holds the Exchange store. If I have misunderstood
> your concern, please don't hesitate to let me know.

>

> Yes, your plan is good. I believe it should work. Additionally, I'm glad
> to provide the below information for your reference:

>

> 1. Before you delete one of the other volumes, I suggest you do a full
> backup for the SBS Server. You may refer to the below white paper:

>

> Backing Up and Restoring Windows Small Business Server 2003

> <http://download.microsoft.com/download/b/d/8/bd8e1a40-d202-429a-8eb7-26300d6>

> 2bcc9/BKU_bkuprstr.doc

>

> 2. If it's the system partition, the space cannot be extended. For this
> scenario, it's recommended to refer to the below white paper to move the
> data to an appropriate volume:

>

> Moving Data Folders for Windows Small Business Server 2003

> <http://www.microsoft.com/technet/prodtechnol/sbs/2003/maintain/movedata.mspx>

>

> 3. Before starting extension, you have to satisfy with the following

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> requirements.
>
> A. The volume must be formatted with the NTFS file system.
>
> B. For Dynamic Volumes, the unallocated space can be any empty space on
> any Dynamic disk on the system.
>
> C. Only the extension of data volumes is support. System or boot volumes
> may be blocked from being extended, and you may have error.
>
> D. You cannot extend the partition if the system page file is located on
> the partition. Move the page to another partition which you do not wish to
> extend.
>
> To get additional information, you may refer to the following KB article:
>
> Diskpart.exe: Diskpart Command Line Utility
> <http://www.microsoft.com/windows2000/techinfo/reskit/tools/new/diskpart-o.as>
> p
>
> 325590 How to use Diskpart.exe to extend a data volume in Windows Server
> 2003, in Windows XP, and in Windows 2000
> <http://support.microsoft.com/kb/325590>
>
> 886986 Functionality restrictions of the Diskpart.exe utility to extend
> system
> <http://support.microsoft.com/?id=886986>
>
> I hope this helps. If you have any questions or concerns, please do not
> hesitate to let me know. I am always happy to be of further assistance.
>
> Best regards,
>
> Nathan Liu (MSFT)
>
> Microsoft CSS Online Newsgroup Support
> Get Secure! – www.microsoft.com/security
> =====
> When responding to posts, please "Reply to Group" via your newsreader so
> that others may learn and benefit from your issue.
> =====
> This posting is provided "AS IS" with no warranties, and confers no
> rights.
>
>
> -----
>>From: "John Lewis" <JLewi2@xxxxxxxxxxx>
>>Subject: Disk space issue on dynamic disc
>>Date: Wed, 22 Jun 2005 10:28:33 -0500
>>Lines: 28
>>X-Priority: 3

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>>X-MSMail-Priority: Normal
>>X-Newsreader: Microsoft Outlook Express 6.00.2900.2180
>>X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2900.2180
>>X-RFC2646: Format=Flowed; Original
>>Message-ID: <#hvas#1dFHA.1612@xxxxxxxxxxxxxxxxxxxxxxxx>
>>Newsgroups: microsoft.public.windows.server.sbs
>>NNTP-Posting-Host: cpe-66-68-209-91.rgv.res.rr.com 66.68.209.91
>>Path: TK2MSFTNGXA01.phx.gbl!TK2MSFTNGP08.phx.gbl!tk2msftngp13.phx.gbl
>>Xref: TK2MSFTNGXA01.phx.gbl microsoft.public.windows.server.sbs:129508
>>X-Tomcat-NG: microsoft.public.windows.server.sbs

>>
>>I have a new customer with a SBS 2003 server that their previous
> consultant
>>setup. The problem I've run into is the way the partitions – or volumes
> are
>>setup. Two SCSI drives are setup as dynamic disks and are mirrored by the
>>OS (mistake number one) There are four volumes defined and together they
>>consume all of the drive space. One of the volumes holds the Exchange
> store
>>and is only 4GB in size and that's the problem. It has quickly neared 4GB
>>and now I'm receiving low disk space alerts.
>>Because the disks are configured as dynamic none of the 3rd party
> partition
>>tools including Acronis and Partion Magic that will work. Both of those
>>products state on their web site that they will not work with Windows
>>dynamic disks.
>>I've never used the Windows diskpart.exe tool
>><http://support.microsoft.com/kb/325590>) I don't believe it will work as
> is
>>because there is no free space left on the drive to expand the volume
>>with.
>>What I'm considering and would like input on is doing this:
>>
>>1. Delete one of the other volumes.
>>2. Use diskpart.exe to expand the Exchange volume using some of the space
>>freed by the deleted volume.
>>3. Re-create the deleted volume as a smaller volume and restore the data
> and
>>shares that were originally configured.
>>
>>Will this work? I welcome any suggestions – preferably suggestions backed
>>with experience!
>>
>>John
>>
>>
>>
>

- **Follow-Ups:**
 - ◆ **Re: Disk space issue on dynamic disc**
◇ From: Gary Demi

- **References:**
 - ◆ **Disk space issue on dynamic disc**
◇ From: John Lewis
 - ◆ **RE: Disk space issue on dynamic disc**
◇ From: Nathan Liu [MSFT]

- Prev by Date: **Microsoft Management Console**
- Next by Date: **Re: sbs 2003 backup**
- Previous by thread: **RE: Disk space issue on dynamic disc**
- Next by thread: **Re: Disk space issue on dynamic disc**
- Index(es):
 - ◆ **Date**
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