

Re: Partition Size during Setup

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.setup/2008-09/msg00061.html>

- *From:* Darrellg@xxxxxxxxxxxxxxxxxxxxxx ("Darrell Gorter[MSFT]")
 - *Date:* Tue, 16 Sep 2008 01:18:10 GMT
-

Hello Ben,
This is Windows Server 2003 isn't it?
GPT is only supported on Itanium machines as the OS volume.
It's supported as the data volume on non-Itanium machines for Windows Server 2003.
With Windows Server 2008, x64 will support EFI, so GPT disks can be used as the OS volume.
Does your hardware support EFI?
Thanks,
Darrell Gorter[MSFT]

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| >Thread-Topic: Partition Size during Setup
| >thread-index: AckUJMu222jEGprcSTmq+K9efVki3w==
| >X-WBNR-Posting-Host: 207.46.192.207
| >From: =?Utf-8?B?QmVuIENvb3Blcg==?= <BenCooper@xxxxxxxxxxxxxxxxxxxxxx>
| >References: <839E989E-98CB-4E18-A17C-8C5FC1444C34@xxxxxxxxxxxx>
| <#tZ#BnsEJHA.616@xxxxxxxxxxxxxxxxxxxx>
| >Subject: Re: Partition Size during Setup
| >Date: Thu, 11 Sep 2008 08:41:02 -0700
| >Lines: 51
| >Message-ID: <A6C683C1-BDAD-4142-93F2-7B0A9B916DE6@xxxxxxxxxxxx>
| >MIME-Version: 1.0
| >Content-Type: text/plain;
| > charset="Utf-8"
| >Content-Transfer-Encoding: 7bit
| >X-Newsreader: Microsoft CDO for Windows 2000
| >Content-Class: urn:content-classes:message
| >Importance: normal
| >Priority: normal
| >X-MimeOLE: Produced By Microsoft MimeOLE V6.00.3790.3119
| >Newsgroups: microsoft.public.windows.server.setup
| >Path: TK2MSFTNGHUB02.phx.gbl
| >Xref: TK2MSFTNGHUB02.phx.gbl microsoft.public.windows.server.setup:5024
| >NNTP-Posting-Host: tk2msftibfm01.phx.gbl 10.40.244.149
| >X-Tomcat-NG: microsoft.public.windows.server.setup
| >
```

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|>Thank you, Dave.
|>
|>How would I go about creating a GPT disk and using diskpart to align it
|>prior to actually loading the OS? I've read that unaligned sectors can
cause
|>a big performance hit, especially in RAID arrays. I just don't know how
to
|>start fresh with a GPT disk (thus getting around that size constraint)
and use
|>diskpart.exe to align it prior to having an OS installed.
|>
|>Any ideas or articles where I can find a set of best practices/ho-to's?
|>
|>
|>
|>"Dave Patrick" wrote:
|>
|>> Yes, 2TB is the limit.
|>>
|>> http://www.microsoft.com/whdc/device/storage/GPT_FAQ.msp
|>>
|>>
|>>
|>>
|>> ---
|>>
|>> Regards,
|>>
|>> Dave PatrickPlease no email replies – reply in newsgroup.
|>> Microsoft Certified Professional
|>> Microsoft MVP [Windows]
|>> <http://www.microsoft.com/protect>
|>>
|>>
|>> "Ben Cooper" wrote:
|>>> Hi I am installing Win2K3 Enterprise R2 x32 onto a new Dell server.
There
|>>> are 8 physical disks in a RAID6 array, totalling 2.4TB. The problem
comes
|>>> during Setup, when it is time to create the partition to install
Windows
|>>> into. I press C to create a new partition, but It won't let me use
the
|>>> maximum size that it shows available to me. Pressing Enter to
accept this
|>>> value literally does nothing.
|>>>
|>>> Trying to get around this, I just set a 20GB partition for the OS,
leaving
|>>> the other space unpartitioned. Setup went well, but when I used Disk
|>>> Management to go back and create the partition in the remaninig

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space, it

|>>> showed me one section of "Unallocated Space" of 2TB and another section of

|>>> Unallocated Space of .4TB.

|>>>

|>>> Is there a partition limitation to 2TB? This is basically just going to

|>>> be

|>>> a file/archive server, and I would like just one huge partition if

|>>> possible.

|>>

|>>

|>

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