

Re: Paging File limited to 4096 MB...sometimes?

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.setup/2006-08/msg00341.html>

- *From:* "Miha Pihler [MVP]" <mihap-news@xxxxxxxxxxxxx>
 - *Date:* Thu, 24 Aug 2006 18:03:21 +0200
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Hi,

See if this will help,

How to overcome the 4,095 MB paging file size limit in Windows
<http://support.microsoft.com/?id=237740>

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Mike

Microsoft MVP – Windows Security

"Bill Bradley" <BillBradley@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:E5E1D746-9DD8-433F-82B2-8D63FBDDE7B4@xxxxxxxxxxxxxxxxxxxxx

Not sure if I understand you. But, I right-click on My Computer, go to Properties | Advanced | Performance Options | Advanced | Virtual Memory | Custom Size, and, try and put a number larger than 4095 in the Initial and Maximum Size blocks. On the servers that WON'T do greater than 4096 (or, 4095 on some) I then get the error message popup: "Enter a maximum page file size that is greater than or equal to the initial page file size, and, less than 4096 MB.". On the servers that will take a larger Paging File size, it...just...takes it...

Thanks.

"Miha Pihler [MVP]" wrote:

Hi Bill,

How do is this limit expressed? In GUI or ... ?

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Mike

Microsoft MVP – Windows Security

Re: Paging File limited to 4096 MB...sometimes?

"Bill Bradley" <BillBradley@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:511CAEE5-7740-434F-A434-2FB4C6A001F3@xxxxxxxxxxxxxxxxxxxx

I've built about 20 Windows Server 2003 Enterprise w/SP1 servers, and, some using CD1 of the R2 version (basically, the same thing). I've used regular computers as well as servers for the hardware platform.

I've noticed that, on some machines, you are limited to a 4096 MB Paging File (on some, only 4095), but, on others, you can go as large as you want (I've created a 24 GB Paging File, but, it was in two non-contiguous segments). Typically, we have 4-8 GB RAM, so, I would want to create a 6-16 GB Paging File.

Question is, WHAT is causing the limitation? I have a Dell computer and a Dell server that both use the same SATA drive, but, the server CAN go over 4 GB, and the computer can't. I also have some servers, with SCSI drives that can't, and, others, with the same SCSI drives that can.

Is there something in the Registry that I can hack to make this work?
Is it hardware, drive electronics, BIOS?

Thanks!

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