

## Re: File System > 64 GB

**Source:** <http://unix.derkeiler.com/Mailing-Lists/AIX-L/2004-10/0467.html>

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**From:** Mills, John T (9814) (*John.T.Mills\_at\_ERAC.COM*)

**Date:** 10/28/04

Date: Thu, 28 Oct 2004 08:54:57 -0500  
To: aix-l@Princeton.EDU

Anyone have a jfs2 table handy or is it the same?

John T. Mills

-----Original Message-----

From: IBM AIX Discussion List [mailto:aix-l@Princeton.EDU] On Behalf Of Ignacio Vidal

Sent: Thursday, October 28, 2004 7:48 AM

To: aix-l@Princeton.EDU

Subject: Re: [aix-l] File System > 64 GB

Excuse me Bill, are you sure?

I got the following "helper table" from an AIX 4.3.3 system:

0506-276 JFS file systems have the following size limitations:

NBPI Minimum AG Size Fragment Size Maximum Size (GB)

512 8 512, 1024, 2048, 4096 8

1024 8 512, 1024, 2048, 4096 16

2048 8 512, 1024, 2048, 4096 32

4096 8 512, 1024, 2048, 4096 64

8192 8 512, 1024, 2048, 4096 128

16384 8 512, 1024, 2048, 4096 256

32768 16 1024, 2048, 4096 512

65536 32 2048, 4096 1024

131072 64 4096 1024

And I've defined several filesystems over 130GB with nbpi=32768.

Is that a jfs limitation with AIX 5L?

Best regards

Ignacio

> -----Mensaje original-----

> De: IBM AIX Discussion List [mailto:aix-l@Princeton.EDU] En nombre de

AIX-L: Re: File System > 64 GB

> *Bill Verzal*  
> *Enviado el: Thursday, October 28, 2004 9:45 AM*  
> *Para: aix-l@Princeton.EDU*  
> *Asunto: Re: File System > 64 GB*  
>  
>  
> *JFS has a limitation of 64GB regardless of nbpi.*  
>  
> *BV*  
>  
>  
> -----  
> *There's no place like /home*  
>  
>  
> *Bill Verzal*  
> *Project Leader, Komatsu America*  
>  
> *(847) 970-3726 - direct*  
> *(847) 970-4184 - fax*  
>  
>  
>  
>  
> *glh@DAIRYNET.COM*  
> *Sent by: IBM AIX*  
> *Discussion List*  
> *To*  
> *<aix-l@Princeton. aix-l@Princeton.EDU*  
> *EDU>*  
> *cc*  
>  
>  
> *Subject*  
> *10/27/2004 02:50 File System > 64 GB*  
> *PM*  
>  
>  
> *Please respond to*  
> *IBM AIX*  
> *Discussion List*  
> *<aix-l@Princeton.*  
> *EDU>*  
>  
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>  
> *If I have a file system defined with nbpi=4096, is it true*

AIX-L: Re: File System > 64 GB

- > *that the maximum*
- > *file system size is 64 GB? If so, is there a way for me to*
- > *change nbpi on*
- > *the fly or do I have to redefine the file system (with a*
- > *larger nbpi value)*
- > *before I can go larger than 64 GB? Thanks.*
- >
- > *Gary Heilman*
- > *Dairyland Power Cooperative*
- > *608-787-1408*
- > *glh@dairynet.com*
- >