

Re: File System > 64 GB

Source: <http://unix.derkeiler.com/Mailing-Lists/AIX-L/2004-10/0466.html>

From: Ignacio Vidal (*ividal_at_BIYCSA.COM.AR*)

Date: 10/28/04

Date: Thu, 28 Oct 2004 10:35:18 -0300

To: aix-l@Princeton.EDU

Sometimes a filesystem's size is just the filesystem's size...

Just don't put eggs on your face, please.

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

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

> Bill Verzal

> Enviado el: Thursday, October 28, 2004 10:23 AM

> Para: aix-l@Princeton.EDU

> Asunto: Re: File System > 64 GB

>

>

> So I do NOT have egg on my face ?

>

> BV

>

>

> -----

> There's no place like /home

>

>

> Bill Verzal

> Project Leader, Komatsu America

>

> (847) 970-3726 - direct

> (847) 970-4184 - fax

>

>

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>

>

> Holger.VanKoll@SW

> ISSCOM.COM

> Sent by: IBM AIX

> To

> Discussion List aix-l@Princeton.EDU

> <aix-l@Princeton.EDU>

> cc

> EDU>
>
> Subject
> Re: File System > 64 GB
> 10/28/2004 08:11
> AM
>
>
> Please respond to
> IBM AIX
> Discussion List
> <aix-l@Princeton.
> EDU>
>
>
>
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>
> 64gb limitation is max. filesize on jfs, not max. filesystem-size
>
>
> -----Original Message-----
> From: IBM AIX Discussion List [mailto:aix-l@Princeton.EDU] On
> Behalf Of
> Bill Verzal
> Sent: Thursday, October 28, 2004 3:04 PM
> To: aix-l@Princeton.EDU
> Subject: Re: File System > 64 GB
>
> Well I was until I saw that table :)
>
> Would you like your egg (on my face) scrambled or sunny side up ?
>
> BV
>
>
> -----
> There's no place like /home
>
>
> Bill Verzal
> Project Leader, Komatsu America
>
> (847) 970-3726 - direct
> (847) 970-4184 - fax
>
>
>
>
>

> *Ignacio Vidal*
> <ividal@BIYCSA.CO
> M.AR>
> To
> Sent by: IBM AIX aix-l@Princeton.EDU
> Discussion List
> cc
> <aix-l@Princeton.
> EDU>
> Subject
> Re: File System > 64 GB
>
> 10/28/2004 09:48
> AM
>
>
> Please respond to
> IBM AIX
> Discussion List
> <aix-l@Princeton.
> EDU>
>
>
>
>
> 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*
>> *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>*
>>

AIX-L: Re: File System > 64 GB

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>>

>>

>> *If I have a file system defined with nbpi=4096, is it true 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*

>>

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