

## Re: Consistent file system hang with RELENG\_6 of today ...

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/stable/2005-07/0852.html>

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**From:** Marc G. Fournier (*scrappy\_at\_hub.org*)

**Date:** 07/29/05

Date: Fri, 29 Jul 2005 09:48:14 -0300 (ADT)

To: Robert Watson <rwatson@FreeBSD.org>

On Fri, 29 Jul 2005, Robert Watson wrote:

>  
> *On Thu, 28 Jul 2005, Marc G. Fournier wrote:*  
>  
>> *'k, I'm starting to play with 6.x, for our new server ... my priority right now is to just have it run the existing 'jail' environments from my 4.x machine, while I work on getting all of our servers up to 6.x, and then will worry about the jail's themselves ...*  
>>  
>> *When I try and startup the 4.x jail on my 6.x machine, it "hangs" the file system that the jail directory hierarchy happens to be mounted on though ... twice in a row so far ...*  
>>  
>> *Now, I'm suspecting (and am going to try without it) that it might be because I'm mounting devfs within the 4.x jail, but even then, it shouldn't hang things up, only generate a whack of errors ...*  
>>  
>> *I have a good dump (CTL-ALT-ESC -> panic), but do not have a clue what to offer from within there that might be of any use ...*  
>>  
>> *If anyone is interested ... ?*  
>  
> *If you can get into DDB and have serial console output, the following would be useful:*

I take it that I can't get this out of kgdb? :( It will take me a little while to get this up ... have the equipment for it, just don't have it setup right now :(

> *The output of 'show pcpu'*  
>  
> *The output of 'show pcpu X' for each present cpu, starting with 0.*  
>  
> *The output of 'ps'*

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- >
- > *The output of 'trace' for the currently running thread, and each non-idle*
- > *thread shown in the show pcpu output*
- >
- > *The output of 'show lockedvnods'*
- >
- > *It would also be useful if, relating to the startup of the jail, you can*
- > *identify the point in the jail boot where it wedges, and if you hit Ctrl-T,*
- > *what process is shown as running and what state it is in, and using DDB,*
- > *trace that process.*
- >
- > *If you could show the trace output for each process listed in "show*
- > *lockevnods".*
- >
- > *Likely, there is a leaked lock or a low buffer condition. However, once we*
- > *have the above output we should be able to say more. The above will*
- > *hopefully tell us whether it's a vnode deadlock, and ideally, the approximate*
- > *source.*
- >
- > *Robert N M Watson*
- >
- >

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