

Was: SOLVED: Re: HowTo?: Current -> RELENG_6_0 Patch for "semaphore timeout !! DANGER Will Robinson !!" issue with Promise Fasttrak Raid 0/1 Card

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/current/2006-03/msg00419.html>

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 - *Date:* Mon, 13 Mar 2006 21:33:30 -0500
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Well no quite,

The short form is does anybody has a working setup with a PDC20580 (Fasttrak 2300) and WD's drives?

I think either the FT2300 is a joke or WD's are just not the right choice for real computing.
(They might be good for gaming and windoze... Aint much productive for me)

The long form:

With RELENG_6

WD1600JS are just making too many errors (every few minutes at heavy load).

WD2500KS (which are suppose to be the RAID approve ones make some errors (every hours at heavy load)).

Effect Disk I/O stop for a few seconds, until the situation get resolved by the driver.

FYI it should be the same with CURRENT. Didn't try it but I could.

With RELENG_6_0

Got those Will Robinson Messages.

Effect Disk I/O is just frozen and one must push the big red button.

With RELENG_5_4 (which works with a PDC20378 with 2 x ST3160023AS)

Raid just fail (at the first error) and randomly drop one of the 2 drive.

The server still works.

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0: Re: HowTo?: Current -> RELENG_6_0 Patch for "semaphore timeout !! DANGER Will Robinson !!" issue with Promise F

What is heavy load? 4 iozone + a find /

Alain Hebert wrote:

Thanks.

I've got confused and taught RELENG_6 was 6.0-PRERELEASE.

In this summary you'll find more details with 6.1-PRERELEASE and the WD1600JS's that I'm using with the Fasttrak 2300 in RAID1.

A little thread about those drive:

<http://hardware.mcse.ms/archive12-2005-8-220010.html>

As you can see my drives are similar except for last number in device model and that the firmware are totally different.

(A check with WDC show no way to upgrade/download firmware... argh!)

Also they are capable of "automatic acoustic management" but its disable... thus no timeout problem with raid controller.

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device model WDC WD1600JS-0

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