DragonFlyBSD - Bug #3199
PFS label not found panic
08/03/2019 12:12 PM - tse

Status: New
Priority: Normal
Assignee: 
Category: 
Target version: 

Description
Are there any suggestions for what I should do at this point?

Boot stops at hammer2_mount: PFS label not found

Then enters the debugger, saying: stopped at hammer2_chain_lastdrop

Can I reboot into rescue disk and replace "ROOT" with a recent snapshot label?

The ahci0.5 (da1) disk_rw timeout is a separate issue, and one I was giving up on solving. Linux could read that internal disk, but I never used it anyway

A second issue though is on upgrading to 5.6, dfly would no-longer shutdown gracefully - it would hang after printing the reboot + pf service stop message to the console

Ironically I was going through a compile-install-reboot bisect to find where the hang started, but probably force-rebooted to quickly after the shutdown hangs, resulting in this panic

-- At least, that's what I imagine the cause of the panic to be ;)

Any suggestions or pointers for fixing any of those issues would be appreciated,

Thanks

History
#1 - 08/20/2019 11:03 AM - tse
The hang on shutdown is caused by doing `doas reboot`. Any other command does a clean shutdown -- i.e. `sudo reboot`, `doas poweroff`, etc

So there is something wrong with `doas reboot`?

I still don't know what caused the hard disk to be inaccessible. Applying the DA_Q_NO_SYNC_CACHE, etc quirks in scsi_da.c does not fix it. But... switching bios to use 'ide' rather than 'sata' mode does allow dfly to recognize the disk

#2 - 08/21/2019 03:51 AM - tse
Sorry, using `ide` does expose two new disks in /dev/serno, but attempting to format the first gives

/home/tse# newfs_hammer2 /dev/serno/50026B725502A482
Volume /dev/serno/50026B725502A482 size 119.24GB
write: Input/output error

Which shows the right size for the problematic disk. And attempting the second `disk' causes the computer to panic shortly afterwards

/home/tse# newfs_hammer2 /dev/serno/KWFF3M72041
Volume /dev/serno/KWFF3M72041 size 3.50GB
write: Input/output error

Aug 21 12:23:42 beloved kernel: intr 19 on cpu3 at 40001/40000 hz, livelocked limit engaged!
Aug 21 12:23:42 beloved kernel: ad10: FAILURE - READ_DMA timed out LBA=250069677
Aug 21 12:23:42 beloved kernel: ad10: error issuing READ_DMA command
Aug 21 12:23:42 beloved kernel: ad10: timeout waiting to issue command
Aug 21 12:23:42 beloved kernel: ad10: error issuing READ_DMA command
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Files

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