

Re: Sun Blade 1500 running Solaris 10 11/06 is choking in ufs code

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Hello,

I have at least one silly question to ask: why are you trying to debug this?

to evolve. To learn. To get as many views as I can on the same thing.

You're using one of the commercial distributions of Solaris (Solaris 10) rather than the newer OpenSolaris-based distributions, so you should be reporting a problem like this to Sun's support group.

Oh guess what? I opened the call 7 days ago. A lot of chip-chap and speculation on my side (which turned out as wrong) but nothing that fixes the problem until now. But I look forward on resolving the issue.

I think you might be missing priority inheritance. When a higher-priority thread needs a lock held by a lower-priority thread, the lower-priority one is temporarily elevated so that it can run to completion and allow the higher-priority task to acquire the lock.

I didn't miss it. And I know what priority inheritance is. But my question was if Solaris does it handle it that way. After looking at the source code of Solaris it more likes like priority inversion. However that was bullshit anyway. Because the second thread that I saw, the one with the high priority, was me myself pressing Alternate break sequence and end up in the kernel debugger (in that case the stack frame seems to get duplicated by the interrupt handler).

If you're interested in the crash dumps, raise the word and I put them online in a matter of seconds.

Thomas

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