

Re: Unix machine re-boots at random

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 - *Date:* Thu, 13 Apr 2006 17:55:01 GMT
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In article <qau%f.69466\$dW3.30457@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>, FrankS <fshank@xxxxxxxxxxxxxx> wrote:

This machine is my current server that will soon be replaced, but, would still like to fix for a backup. PII 400MHz. My problem with this machine started last Thursday with a "PANIC" error message. From my past experience with this I replaced the 128 MB of memory and replaced it with two 256 MB sticks. When I plugged the machine in there was nothing, no power. I got a new power supply, and it started up. Thought everything was fine.

This machine has been running 24X7 since 1999 and has never had so much as a hiccup. Now, it could run for 8 hours straight or as little as 30 min. It just re-boots without any delay between boots (as if the reset button was touched). Something may have gone wrong when I turned it off and let the machine cool down for a day while getting the new memory.

Does anyone know where the most likely place for this problem is?

- Mother Board?
- Processor?
- Raid Card?
- Memory?
- Power Supply? (I suppose I could have bought a brand new defective one)
- Control?

Thanks in advance for your help!

Well you have eliminated most of the easy steps with memory and power supply.

The first step in testing things like this is to pull all the cards out and see hwo it runs, and then add them back one at a time.

I had at least two incidents in the past [most years ago] where the serial board sub-system made the machine go bonkers.

One was giving errors that in the manual it said those could be caused by hardware or software. No one had any more info. Pulling

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the serial system and replacing them with a Specialix cured that completely.

The other was a failed Stallion – that probably got hit by lightning – and that was the only failed part.

If you can't make it run stable with all except the cards needed to boot up out, then it's probably the mother board.

One thing you might try, and I've seen this only once, is to take out the CPU and reseal it. That's pretty rare, but worth a shot.

If none of those do it, it's probably the motherboard.

What kind of message did you have besides PANIC. There is usually more info at that point, often including register dumps. That would be helpful for others to diagnose [but not me].

Bill

Bill

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