

## Re: lockups with 2.4.2x

**Source:** <http://linux.derkeiler.com/Mailing-Lists/Kernel/2003-09/5579.html>

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**From:** Willy Tarreau ([willy\\_at\\_w.ods.org](mailto:willy_at_w.ods.org))

**Date:** 09/21/03

Date: Sun, 21 Sep 2003 07:38:16 +0200

To: evil <[evil@g-house.de](mailto:evil@g-house.de)>

On Sun, Sep 21, 2003 at 04:56:14AM +0200, evil wrote:

- > *the machine:*
- > *Dual Athlon, 1GB RAM (HighMem enabled), gcc 3.3.1, libc 2.3.2,*
- > *(Debian/Testing) some more infos are on:*
- >
- > <http://nerdbynature.de/bits/freeze/config/cpuinfo/dmesg/lspci>

Hmmm, there is a lot of hardware in this box. Have you tried disabling IDE ? ServeRaid ? SYMBIOS ? Your hangs may be related to an updatedb or slocate indexing all your filesystems, and triggering a bug in one of those drivers. Also, the DMESG shows that you have an AMD bug on your CPUs, and tells you that if you have problems, you should restart with 'noapic'. Did you try it ? You could also try to boot in 'nosmp' mode, and even with network unplugged. I believe it will be relatively quick to find the problem if the system usually hangs in no more than 3 minutes.

You may also have a defect in your RAM. Someone else here had problems since 2.4.20, and only when saving disks to tape. It was finally tracked down to a RAM problem which only showed up on SMP with newer kernels which seem to torture the hardware a bit more. So if your GB ram is 4\*256, you can try to remove 2 sticks and see what happens.

Hope this helps,  
Willy

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