

Major 2.4 / 2.5/6-smp Scheduler Slow-ness

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2003-07/3117.html>

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Date: 07/31/03

Date: Wed, 30 Jul 2003 20:27:27 -0400

To: linux-kernel@vger.kernel.org

Ok, first of all, I have never been able to run a 2.4 kernel on this machine, it runs *_very_* slow. By slow, i mean it takes literally HOURS to boot. I have tried 2.4.20,2.4.21, and also both with the openmosix patches.

Now, the 2.5/6 kernel runs beautifully, so i have been running both vanilla, and vanilla+mm patches, both run fine. Although, using the smp scheduler makes it do the exact same thing as 2.4, albeit a little faster. So this leads me into thinking **very** much so that this is a scheduler issue.

When i finally let the 2.6.0-test2-mm1 boot with smp support, the cpu usage is ALWAYS at 75-80% System. And this is with all tasks sleeping except for top.

I have brought this up many times with people on irc and such, and we are all stumped. So, i am bringing this up to your attention. i have attached the dmesg output (2.6.0-test2-mm1+smp), lspci output, my .config, and my /proc/cpuinfo output. If you need anymore information, I will be happy to provide =).

Also -- another thing to bring up with the scheduler problems. I have an onboard ethernet port (8139too), which only pukes with an error something like SCIO*: function not found (replace wildcard), if you want the full output of it, i can boot into it again and copy/paste it. Now, it is very important to realize that it only fails at the same times as i am having the issue above, otherwise it works fine.

I am ready to try anything out to fix this issue, so if you have any suggestions, I shall try them.

Thanks.

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- text/plain attachment: [config-2.6](#)
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- text/plain attachment: [dmesg-smp.out](#)
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- text/plain attachment: [lspci.out](#)
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- text/plain attachment: [cpuinfo.out](#)