

Re: [PATCH] sched.c: Be a bit more conservative in SMP

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- *From:* "Antonio Vargas" <[windenntw@xxxxxxxxxx](mailto:windenntw@xxxxxxxxxx)>
  - *Date:* Fri, 22 Sep 2006 14:31:13 +0200
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On 9/22/06, Ludovic Drolez <[ludovic.drolez@xxxxxxxxxx](mailto:ludovic.drolez@xxxxxxxxxx)> wrote:

Vincent Pelletier wrote:

- > Maybe I was completely wrong with my assumption that one running process
- > always has an impact of 1, which would have make the scheduler underestimate
- > the load on one cpu and put too many processes on it, without moving them
- > afterward.

Yes, maybe that's the problem, since in my bench, one process takes only 40% of the CPU.

Cheers,

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Provided you have enough memory, the somewhat better way to test this is to turn off swap, copy the sources to a tmpfs directory and compile there. Then any disks accesses would be only related to reloading code pages from the compiler / daemons / shared libs, which having even more ram would solve so that it's all compute bound. I guess even 1.5Gb of ram is plenty for all this, and not so much costly nowadays for a kernel hacker ;)

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Greetz, Antonio Vargas aka winden of network

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Every day, every year  
you have to work

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you have to study  
you have to scene.

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