

Re: What is the PREEMPTION option good for?

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Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/arch/2006-11/msg00091.html>

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 - *Date:* Sun, 26 Nov 2006 19:01:44 +0100
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Robert Watson wrote:

There's a known performance regression with PREEMPTION and loopback network traffic on UP or UP-like systems due to a poor series of context switches occurring in the network stack. If your benchmark involves the above web load over the loopback, that could be the source of what you're seeing. If it's not loopback traffic, then that's not the source of the problem.

The dynamic stuff is accessing the database (fairly intensively) over the loopback.

You might try fiddling with `kern.sched.ipiwakeup.enabled` and see what the effect is, btw — this controls whether or not the scheduler wakes up another idle CPU to run a thread when waking up that thread, rather than queuing it to run which may occur on the other CPU at the next clock tick.

Try this with or without PREEMPTION?

freebsd-arch@xxxxxxxxxxxxx mailing list

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