

Re: Sybase on UltraSPARC IV

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>Per Eirik wrote:

>> *I think CMT is comparable to Hyperthreading on Intel XEON CPUs. Sybase*

>> *recommends that Hyperthreading should be turned off to maximize Sybase*

>> *performance on Linux, see page 3:*

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>> http://www.sybase.com/content/1025313/linux_optimizing_performance_wp.pdf

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>> *Would that also be the case for UltraSPARC IV processors?*

No, Hyperthreading and UltraSPARC IV CMT are not the same thing; the

UltraSPARC IV is two CPUs on a single die with some cache bits shared.

The performance is comparable to two independent CPUs.

Hyperthreading shares most of the CPU real estate; the maximum performance gain is a few percentage points and a for certain workloads there's a performance loss.

Casper

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Expressed in this posting are my opinions. They are in no way related to opinions held by my employer, Sun Microsystems.

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