

## Re: 64bit CPUs

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**From:** Chuck Swiger ([cswiger\\_at\\_mac.com](mailto:cswiger_at_mac.com))

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Date: Sun, 01 May 2005 12:48:33 -0400

To: Mike Tancsa <[mike@sentex.net](mailto:mike@sentex.net)>

Mike Tancsa wrote:

- > *A somewhat obvious question to some perhaps, but what server application*
- > *mix on FreeBSD today sees an improvement using 64bit CPUs ?*

Databases. Big ones, anyway. Other than that, not much, unless you're running processes which would like to use more than 2GB of RAM.

- > *In my ISP centric world, my big apps are BIND, IMAP/POP3, httpd via apache,*
- > *SMTP, AV and SPAM scanning, and firewalls/routing. Apart from larger RAM,*
- > *why would these benefit from the 64bit world ? Or would they ?*

None of these tasks would benefit much from 64-bit computing; many of them might even run faster in 32-bit mode than in 64-bit mode.

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-Chuck

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