

Re: Tuning Ggiabit

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/performance/2003-06/0125.html>

From: Simon L. Nielsen (*simon_at_nitro.dk*)

Date: 06/28/03

Date: Sat, 28 Jun 2003 13:43:46 +0200

To: Craig Reyenga <craig@craig.afraid.org>

On 2003.06.28 03:35:43 -0700, Craig Reyenga wrote:

> *(This message may show up three times, I apologise if so.)*

>

> *Hi,*

>

> *I've been trying to get my gigabit link to run as fast as possible, but I*

> *have run out of ideas. I've documented (though not very well) what I have*

> *done thus far:*

>

> <http://craig.afraid.org/a/b?page=computer/gigabit>

>

> *If there is any more I can do besides what I have already done, I would love*

> *to hear it. Please avoid suggestions that require spending money.*

>

> *Thanks in advance,*

When using the em driver under FreeBSD, it can be useful to try to adjust some tuneables in sys/dev/em/if_em.h. Specifically EM_RDTR and EM_TADV.

With the hardware in the FreeBSD box I don't think you should expect it to go that fast, since the bus/CPU will be the bottleneck.

I would suggest looking at vmstat and similar tools. It can be very useful to find what the bottleneck really is.

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Simon L. Nielsen

- application/pgp-signature attachment: [stored](#)