

Re: Tuning Gigabit

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/performance/2003-06/0129.html>

From: Craig Reyenga (craig_at_craig.afraid.org)

Date: 06/29/03

To: "David Gilbert" <dgilbert@velocet.ca>

Date: Sat, 28 Jun 2003 16:57:45 -0700

From: "David Gilbert" <dgilbert@velocet.ca>

> >>>> "Ivan" == Ivan Voras <ivoras@fer.hr> writes:

>

> >> Message: 5 Date: Sat, 28 Jun 2003 13:43:46 +0200 From: "Simon

> >> L. Nielsen" <simon@nitro.dk> Subject: Re: Tuning Ggabit

> >> Message-ID: <20030628114342.GB401@nitro.dk> Content-Type:

> >> text/plain; charset="us-ascii"

>

> >>> 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.

>

> Ivan> This is probably an obsolete suggestion, but have you increased

> Ivan> HZ when you turned on NIC polling? (the web page doesn't mention

> Ivan> it)

>

> Unfortunately you may have a motherboard that maxes at 300 megabit.

> Our recent testing of Gigabit NICs found more than 75% of the

> motherboards we tried unable to pass more than 500 megabit and 25% of

> the motherboards wouldn't pass more than 100 megabit.

>

> 300 megabit is about where 32bit 33Mhz PCI maxes out.

>

> Dave.

>

> --

Could you tell me a little more about your tests? What boards, and what configuration?

freebsd-performance: Re: Tuning Gigabit

-Craig

>

=====
> *|David Gilbert, Velocet Communications. | Two things can only be*

|

> *|Mail: dgilbert@velocet.net | equal if and only if they*

|

> *|<http://daveg.ca> | are precisely opposite.*

|

>

=====
GLO=====

freebsd-performance@freebsd.org mailing list

<http://lists.freebsd.org/mailman/listinfo/freebsd-performance>

To unsubscribe, send any mail to "freebsd-performance-unsubscribe@freebsd.org"