

Re: Tuning Gigabit

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/performance/2003-06/0128.html>

From: David Gilbert (dgilbert_at_velocet.ca)

Date: 06/29/03

Date: Sat, 28 Jun 2003 19:35:41 -0400
To: "Ivan Voras" <ivoras@fer.hr>

>>>> "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 Ggiabit
>> 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.

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|David Gilbert, Velocet Communications.          | Two things can only be      |
|Mail:      dgilbert@velocet.net                | equal if and only if they |
|http://daveq.ca                             | are precisely opposite.   |
=====GLO=====
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freebsd-performance@freebsd.org mailing list

Re: Tuning Gigabit

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