

Re: FreeBSD 5.3 Networking performance problem

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/net/2004-11/0261.html>

From: Eli Dart (dart_at_nersc.gov)

Date: 11/29/04

To: Andrew Seguin <asegu@borgtech.ca>, freebsd-net@freebsd.org

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> [...]

> > I then tested with the whole school going through the firewall: very bad.

> > packets were being dropped and ping times were around 600ms. Internet was

> > pretty much unuseable.

>

> This report sounds consistent, although you could also have a bad cable or

> switch port, too. It would be useful to you to look into the output of

> "netstat -i" and "netstat -s", and any statistics which might be available on

> your switches (if they have management & per-port stats).

The other thing to check is your duplex settings. Your host interface and/or switch interface may be picking the wrong setting when it attempts to autonegotiate. If you have an unmanaged switch (or don't have access) you can manually set the interface to full or half duplex using ifconfig. In my experience, Foundry switches tend to autoneg correctly if the host side is set to auto, and guess wrong if the host is set to a specific setting. Cisco switches are variable, depending on model and IOS version.

Note that if your interface is set to full duplex and the switch is set to half, you'll see lousy performance and very likely see no errors on your side.

--eli

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> --

> -Chuck

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