

Re: MTU settings.

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- *From:* Sten Daniel Soersdal <netslists@xxxxxxxx>
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eternityos@xxxxxxxx wrote:

Hi everyone :)

Recently, we changed our internet connection to a ppp based (2Mbps).
So naturally, I thought about changing the MTU of my interfaces on the FreeBSD NAT router.
So I set it to 576 instead of the default, 1500 on the two interfaces, LAN and WAN.
In what I have seen, 576 is the natural mtu for a ppp connection.

1500 is the natural mtu for ppp (lesser mtu sizes are the exception).
You also contract a wide range of hard to diagnose problems, if you are not familiar with diagnosing mtu problems.

Right away after this change, the internet connection blocked. I only got it back setting the mtu back at 1500.

Why did this block ?
Between the modem and the NAT router, we have a cisco router, I didn't change it's mtu yet, would it be the cause ?

It has to be negotiated during connection. ppp is a protocol which prefers the same settings on both ends of the ppp connection. Or atleast compatible ones.

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Sten Daniel Soersdal

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