

Re: Problem with some network connections

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2004-07/3434.html

From: Jack (*JackMDS*)

Date: 07/26/04

Date: Mon, 26 Jul 2004 11:59:47 -0400

Hi

May be this can Help.

Download DrTCP: <http://www.dslreports.com/front/DRTCP021.exe>

Run the program, it will show the current settings of TCP/IP parameters.
Write them down.

You can change any variable that you want, click Apply, and Reboot the computer, if no good; you can always change to your original values.

Start with:

MTU – DSL =1492, Cable = 1500, ISDN=1322, DialUp = 576

Tcp Receive – 256960 (This is the variable to play with!)

Window Scaling – Yes

Time Stamping – No

Selective Acks – Yes

Path MTU Discovery – Yes.

Black Hole – NO

Max Duplicate – 2

TTL – 64

These settings are not written in "stone" there is variability depending on the computer other setting. So try few setting and measure your Download for each setting.

In addition, in case a person has a Router the Router's MTU if set differently can affect the general MTU.

The Speed of Internet Connection: http://www.ezlan.net/Internet_Speed.html

"Robert L [MS-MVP]" <noreply@hotmail.com> wrote in message
news:eOej1rxcEHA.244@TK2MSFTNGP12.phx.gbl...

> *quoted from <http://www.ChicagoTech.net>*

> *Can't access some web sitesSymptoms: 1) If you're using MS ICS or Windows*

> *server as router to access the Internet, your clients may not be able to*

> *access certain web sites. However, the ICS host or the server doesn't have*
> *this problem.*

> *2) After installed a new router or cable modem replacing dial-up to access*

> *the Internet, you can't access some web sites.*

> *3) You also find that most web sites you can't access are block to ping or*

> *they are security sites using HTTPS.*

>

> *Causes: 1) The problem occurs because many web servers block ICMP messages*

> and the packets are dropped. As a result, the requested web site doesn't
> load.
> 2) This problem is caused also by an incompatible MTU networking setting.
> You may try to install the latest SP. If you use MS ICS, you may want to
> configure all your Client computers to use the new, lower MTU as the
default
> for all Internet communication. To modify the MTU size, locate the
following
> registry key: HKEY_LOCAL_MACHINE\ SYSTEM\ CurrentControlSet\ Services\
> Tcpip\ Parameters\ Interfaces. If you use a router like Cisco DSL Router,
> you may want to adjusting the PPPoE MTU Size. For example, to adjusting
the
> PPPoE MTU Size on the Cisco DSL Router, do
>
> interface ethernet0
> no shut
> ip address <ip address> <subnet mask>
> ip adjust-mss 1452
>
>
> --
> For more and other information, go to <http://www.ChicagoTech.net>
>
> Don't send e-mail or reply to me except you need consulting services.
> Posting on MS newsgroup will benefit all readers and you may get more
help.
>
> Robert Lin, MS-MVP, MCSE & CNE
> Networking, Internet, Routing, VPN, Anti-Virus, Tips & Troubleshooting on
> <http://www.ChicagoTech.net>
> This posting is provided "AS IS" with no warranties.
>
> "Marcin" <marcin@itookmyprozac.com> wrote in message
> news:fcf4f78.0407260509.362e0b9a@posting.google.com...
> > Hi,
> >
> > I have one problem with my Windows XP. I have slow internet connection
> > (slow means that connecting to server is slow, but after connect is
> > works ok, dns resolving is fast). I have problem with some servers –
> > when I try to connect (some http servers, ssh servers) I receive
> > timeout message. But I have Windows95 on my old P133. When I try to
> > use it – I have no problem with connection (connect is slow, but after
> > connect is works fine), so I guess that there is a possibility to set
> > up Windows XP to work with those servers...
> >
> > Any suggestions?
> > Thanks in advance.
> >
> > Marcin
> >
> >