**Subject:** Can not connect to some Internet Addresses from within Virtual PC
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**Newsgroups:** microsoft.public.mac.virtualpc

I thought this would be an interesting post if anyone is having a problem that I ran into.  I could not use Quicken to connect to my accounts and MS Update refused to work behind Virtual PC 7.1.  I was working through a router that automatically set MTU speed..  It turned out to be an MTU problem within XP. According to the tech some high security sites like banks and MS will not connect at MTUs in the high range.  We changed the default to 1400 and everything worked like a charm.  MS Tech was great and did a first class job in walking me through all the changes.   Below is the summary from MS Tech.  Bob

"Here is a summary of the key points of the case for your records.

Action: Installed virtual pc

Result: Can not do the windows updates

Cause: MTU

Resolution: reset the MTU


The first step is determined the IP Address and gateway:

1. Go to start, run, then cmd
2. from command prompt type ipconfig

You will get an IP Address and a Default gateway that look like
xxx.xxx.xxx.xxx
(Where the x's represent numbers).


The next step is to ping the gateway with different MTU sizes to determine which
One the PPPOE connection is using:

PING -f -l 1500 xxx.xxx.xxx.xxx (where xxx.xxx.xxx.xxx is the gateway address you
obtained in the first step). You will probably get an error message indicating that
it must be fragmented. If you do, type the following: (note this is an " L"
not a 1
after the -f)

PING -f -l 1492 xxx.xxx.xxx.xxx

If you do not receive ping replies, try this:

PING -f -l  1454xxx.xxx.xxx.xxx

Make note of the MTU setting that you received the reply from

Now that you know which MTU setting we should be using, we must do a regedit and

Change the default MTU setting to the MTU setting you received successful
ping
Replies from.

***BACKUP THE REGISTRY before you begin:
http://support.microsoft.com/kb/322756***

1. Start, run, type regedit

2. Navigate to HKEY_LOCAL_MACHINE\ SYSTEM\ CurrentControlSet\ Services\
Tcpip\
Parameters\ Interfaces.
There should be several sub keys under the Interfaces key. Look for the one
that has
A DhcpIPAddress equal to the one you made note of earlier
3. Once you have found the correct sub key, select the key (By clicking on
it once)
Create a new DWORD value in it (Edit -> New -> DWORD Value), and name the
value
MTU.

Double-click the new value, choose the Decimal option, and type the MTU
value
Determined above (the one you received ping replies from).

Click Ok when you are done - you will need to restart Windows for this
change take
Effect.

See also...
http://support.microsoft.com/default.aspx?scid=kb;en-us;826159#3

http://support.microsoft.com/default.aspx?scid=kb;en-us;314496"