

To find your correct MTU (Maximum Transfer Units). Ask your ISP.

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To see your present MTU.

Open a command prompt, by typing **cmd** in the start menu search box, type:-

netsh interface ipv4 show subinterfaces

then press enter.

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To find your optimum MTU.

Most common are 1392/1400/1432/1492 (1432 is the recommended MTU for TalkTalk, but may not work for all). To diagnose the exact figure yourself. try these ones above

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First, log into your router and set the MTU to 1500. (Just for testing purposes).

Open a command prompt, as above. In the cmd window type:-

ping -f -l 1472 google.co.uk

(the l is a lower case L, and there are spaces after ping, f, l, and 1472)

You may get something like "packet needs to fragment but 'DF set', or 100% packet loss, or 'request timed out'. If you do, try again, reducing the value of 1472 by small increments until you find the largest number which works with no lost packets. Then add 28 to this number. Now reset the MTU in your router.

Eg: max value with no packet loss = 1464 + 28 = optimum MTU of 1492.

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To change the MTU value in your computer.

Open a command prompt (cmd) right click, and 'Run as administrator', type:- **ipconfig/all**

Make a note of the exact names of the network devices.

They are the words directly after **adapter**. Eg: "**Local Area Connection**" or "**Wireless Network Connection**".

Now use one of the following commands to set the MTU value on your computer.

netsh interface ipv4 set subinterface "Local Area Connection" mtu=xxxx store=persistent

or

netsh interface ipv4 set subinterface "Wireless Network Connection" mtu=xxxx store=persistent

Change xxxx to your previously found result.

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