

How to test your internet

5/18/24

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There are some simple tests we can do to see how your internet is working.

#1 - Ping test

First you need to open a command prompt. You can do this in Windows 10 and 11 by opening a search box along on the bottom of the desktop screen and typing in CMD. Click on CMD in the search results and a small black box should come up with a blinking cursor to type in.

Now type in this command and press Enter on the keyboard: `ping -t google.com`

You should see a list go down the screen something like this, the numbers will vary:

```
Reply from 74.125.225.39: bytes=32 time=113ms TTL=53
```

```
Reply from 74.125.225.39: bytes=32 time=131ms TTL=53
```

```
Reply from 74.125.225.39: bytes=32 time=72ms TTL=53
```

```
Request timed out
```

```
Reply from 74.125.225.39: bytes=32 time=113ms TTL=53
```

Let it run it run for 30 seconds or so. If you see no lines like "Request timed out" that's good. That means you have a reliable internet connection. If you see 1 or 2 lines that's acceptable, but more than that and you have a problem and your internet will be slow. The more disconnects you see the worse the problem is. A possible fix for this is to unplug the power to your modem, wait a minute, then plug it back in and wait 5 minutes. Run the ping test again. If the problem is consistent day after day, you may want to have me or someone look at it. You could also call your internet company. In the end you may need a new modem.

#2 - Speed test

Open your browser and type in any of the following webpages.

speedtest.midco.net

www.speakeasy.net/speedtest

www.centurylink.com/home/help/internet/internet-speed-test.html

On each webpage click the GO button to start the test. This will measure your internet's download and upload speed. That is to say how fast stuff comes into your computer from the internet and how fast stuff goes out. The download speed should be in the range from 3 to 250. Anything over 7 is good. The upload speed is usually much lower and can even be less than 1, but that's usually not a concern. The download speed is more important. If your download speed is less than 3 that's a problem. You should check with your internet company and see if the numbers are close to what you are paying for and is there any way to increase it by paying them more money. Typically your results are about 90% of what the company will advertise.

If you need help give me a call and we'll set up an appointment 763-689-5912