

WHY IS MY INTERNET SLOW?



THE FIRST STEP IS IDENTIFYING WHY YOUR SIGNAL HAS SLOWED. **THERE ARE MANY REASONS AN INTERNET CONNECTION MAY BE CREEPING ALONG. HERE ARE JUST A FEW:**

1 MULTIPLE DEVICES, CONSOLES, AND SYSTEMS CONNECTED TO THE INTERNET

THE AVERAGE AMERICAN HOUSEHOLD HAS ABOUT

5.7 DEVICES CONNECTED TO THE INTERNET.¹



SOLUTION: When not in use, turn off the WiFi capability on your devices to cut down on the number of electronics connected, and subsequently, the strain on your WiFi connection.

2 UNAUTHORIZED USERS ON NETWORK

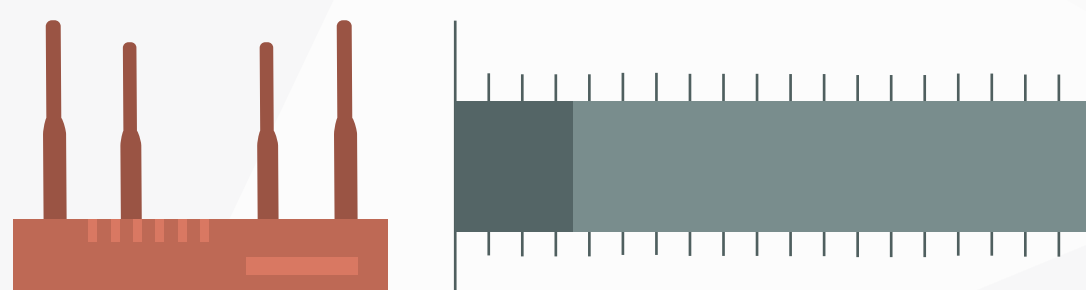


1/3 OF AMERICANS ADMIT TO ATTEMPTING TO CONNECT TO PRIVATE WIFI SIGNALS THAT ARE NOT THEIR OWN.⁵

SOLUTION: Increase your privacy settings, change your password often, and do regular checks to see what devices are connected to your network.

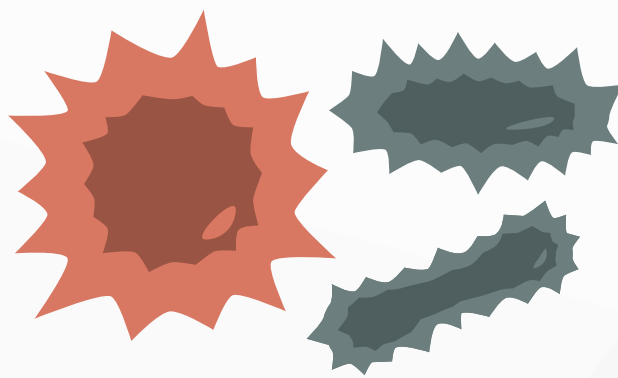
3 SUB-PAR EQUIPMENT

OUTDATED ROUTERS AND MODEMS CAN SIGNIFICANTLY SLOW YOUR INTERNET SERVICE.



SOLUTION: To improve your connection speed, consider investing in a router-booster. The 8-Stream MU-MIMO from Broadcom delivers a 60% boost in speed over the fastest routers available.⁸

4 VIRUSES



MALWARE VIRUSES CAN SLOW YOUR NETWORK CONNECTION BY HOGGING YOUR PRECIOUS BANDWIDTH, EXPOSE YOU TO SECURITY THREATS LIKE HACKING, IDENTITY THEFT, AND DATA BREACHES.

SOLUTION: Run regular and up-to-date antivirus software to check for hidden threats that may be siphoning your bandwidth. Many antivirus software packages are available free online.

5 POSITIONING OF ROUTERS

PLACING ROUTERS ON THE FLOOR IN THE CORNER OF AN OFFICE OR ROOM CAN SIGNIFICANTLY INHIBIT YOUR SIGNAL.



SOLUTION: Elevate your router and keep it in a central location. Avoid placing equipment near metal objects, concrete, or brick. Additionally, household appliances like phones and microwaves can interfere with a WiFi signal.⁹

IF ALL ELSE FAILS, CONTACT YOUR INTERNET SERVICE PROVIDER. THEY SHOULD BE ABLE TO GIVE YOU INSIGHT INTO WHAT INTERNET BEHAVIORS AND ACTIVITIES MAY BE CAUSING YOUR SIGNAL STRENGTH TO SUFFER. ADDITIONALLY, YOUR ISP MAY RECOMMEND AN UPGRADE IN DATA PLAN TO ACCOMMODATE YOUR ONLINE NEEDS. HAPPY SURFING!

¹ <http://thenextweb.com/insider/2013/03/18/npd-us-homes-now-hold-over-500m-internet-connected-devices-with-apps-at-an-average-of-5-7-per-household/>

⁵ <http://in.pcmag.com/feature/28280/why-one-third-of-americans-steal-wifi>

⁸ <http://www.networkworld.com/article/2936180/wi-fi-speedier-5-4-gigabit-wi-fi-routers-coming-q3-2015.html>

⁹ http://www.huffingtonpost.com/2015/03/27/wifi-router-placement-tips_n_6943024.html