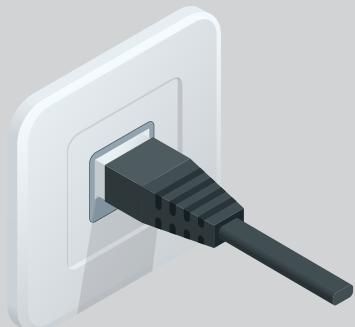


REMOTE WORK 101:

How To Secure Your Home Network



Plug computers into your router, not your modem

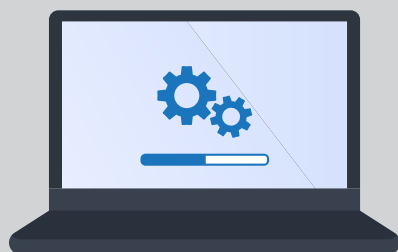
- A router provides Wi-Fi and is more secure
- A modem is what your Internet Service Provider (ISP) provided you, and is usually not designed for security
- Sometimes, your ISP provides you a combination Router/Modem, so confirm with them if you're not certain

PASSWORD



Change the default password on your router

- Default passwords are easily found online and greatly reduce the security of your router
- Consult the manual for your device:
 - [Netgear](#)
 - [TP-Link](#)
 - If you have an ISP provided device, you may want to contact customer service for assistance.



Ensure firmware is updated

- Periodic updates keep your device secure and running smoothly
- Usually, a warning will appear on the router's webpage when an update is required
- Choose automatic updates if the option is available
- Consult the manual for your device:
 - [Netgear](#)
 - [TP-Link](#)
 - If you have an ISP provided device, you may want to contact customer service for assistance.



Disable remote router administration

- You should not need to make network changes when you are away, and this increases security by removing an easy path to your device.
- Consult the manual for your device, however, this should be disabled by default on newer routers:
 - Netgear – Usually located under the “Maintenance” tab
 - TP-Link – Usually located under the “Security>Remote Management” tab
 - If you have an ISP provided device, you may want to contact customer service for assistance however this should be disabled by default on newer routers



Secure all wireless networks

- Don't allow neighbors etc. to access your network
- Configure to “WPA2” and “AES” and use a unique password, not the one provided by your ISP or device.
- Rename the “SSID” (name of your network) to something other than what was set as the default, we recommend not using your name or address
- If you have the option to, set the network to “hidden” or disable “broadcast”
 - When connecting a device select “Hidden Network” or “Other” from the list and type the “SSID” (name of the network) when prompted



Disable any wireless networks that are not in use

- Wireless networks that you don't use could be configured insecurely or using a password that is easy to guess
- Many wireless routers have a “2.4ghz” and “5ghz” network however it is uncommon that you would use both networks at the same time