

Tips to improve your network bandwidth

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Dear Stanford Earth Community,

Listed below are some initial tips and considerations for local internet bandwidth improvement:

--University IT has great tips for maximizing internet bandwidth on the following site: <https://uit.stanford.edu/guide/telecommuting/bandwidth>

--Another sub-tip, is to configure Crashplan Pro to only back up data when you are not using your computer: <https://uit.stanford.edu/guide/telecommuting/bandwidth/crashplan>

--Also, it can be helpful to run a speed test to gather data on your local throughput, and you might run this at different points in the day to determine if there are particular periods of sluggishness. There are several speed tests out there, and ATT and Comcast are listed below:

- [ATT](#)
- [Comcast](#)

Note that performance results may vary depending upon what you have running on your computer, and anyone else using bandwidth (streaming Netflix etc.), so for best case try to minimize other resources that may "compete" for your internet connection while you test. **Note: To hold a Zoom video conference, it is recommended that your network support at least 3 Mbps of download and 3 Mbps of upload throughput.**

--There are also wifi extenders that can help in some situations, if your workspace is not close in proximity to your wireless modem. If you use ATT or Comcast, they typically have extenders that can be purchased from them directly that are compatible. Our [CRC](#) can also help consult.

Hopefully this is helpful, and please let me know if you have other thoughts to share on improvement.

-John

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