

Useful debugging tools, utilities and demos.

Network monitoring tools is a list of commercial and non commercial network monitoring tools

Immediately useful tools

Below is a list of utilities, demos and web sites with immediately useful information. Try them!

- [Subnets at SLAC*](#)
- Traceroute
 - [Traceroute from SLAC to a target host. Tracepath from SLAC to a target host](#) (finds the route and also the maximum packet size (MTU))
 - [Traceroute from elsewhere in the world to a target](#)
 - [Visual traceroute](#),
- Autonomous Systems (AS)
 - [Find the AS for a host](#).
- Ping:
 - [a host from SLAC, a host from Italy](#)
 - [regions from my laptop](#) a java demo that pings hosts around the world
 - [PingER WAN Monitoring](#)
- [DNS lookup time](#) to a chosen host from around the world.
- Test my network configuration from:
 - [Stanford](#) test the reliability and operational status of your desktop computer and network connection by sending data between your computer and this remote NDT server.
- [MLab Internet measurement tools](#)
- [Web speed test, web page link checker plugin for Chrome](#)
- Internet speed measurement:
 - [Abeltronica dynamic measurement](#)
 - [Akamai](#) maps of realtime traffic, latency, and attacks
 - [Broadband speed test](#), (also [test from SLAC](#)) free broadband internet connection speed test for both download and upload speeds.
 - [Bandwidth test](#)
 - [Bandwidth estimation](#) calculates the theoretical maximum TCP throughput based on the specified parameters.
 - [National Broadband map](#)
 - [Ookla world maps of broadband performance by country etc.](#)
 - [Speed vs distance](#)
 - [Speedtest](#) based on millions of recent test results from Speedtest.net, this index compares and ranks consumer download speeds around the globe.
 - [Speedtest dynamic measurement](#)
 - [WAN throughput calculator](#) used to measure the effect that bandwidth, latency and packet loss have on effective WAN throughput
- [Real time world map of tweeting activity](#).
- [Geo Location](#)
 - [GeolPTools, TULIP](#)
- [Information on my IP address](#)
- [Latitude Longitude of another site](#)
- World Internet performance:
 - ["Movie" chart of Internet performance from 1998 thru last year](#) and a [video showing how to use it](#)
 - [Internet Congestion Wave \(46MB video file\)](#), [\(15MB video file\)](#)
 - [Hourly latency measurements for 2005](#)
 - [African Internet Weather](#) also on [YouTube](#)"
- Tuning
 - [Fasterdata](#)
 - [Check Windows settings](#)
 - [Tuning Linux for TCP performance](#)