Open Internet Measurement

When your Internet connection doesn't work as expected, how can you tell whether the problem is caused by your connection, the application or something else? Answering this question and others like it is surprisingly difficult. ***That's the purpose of Measurement Lab.***

M-Lab is a consortium of research, industry and public-interest partners dedicated to:
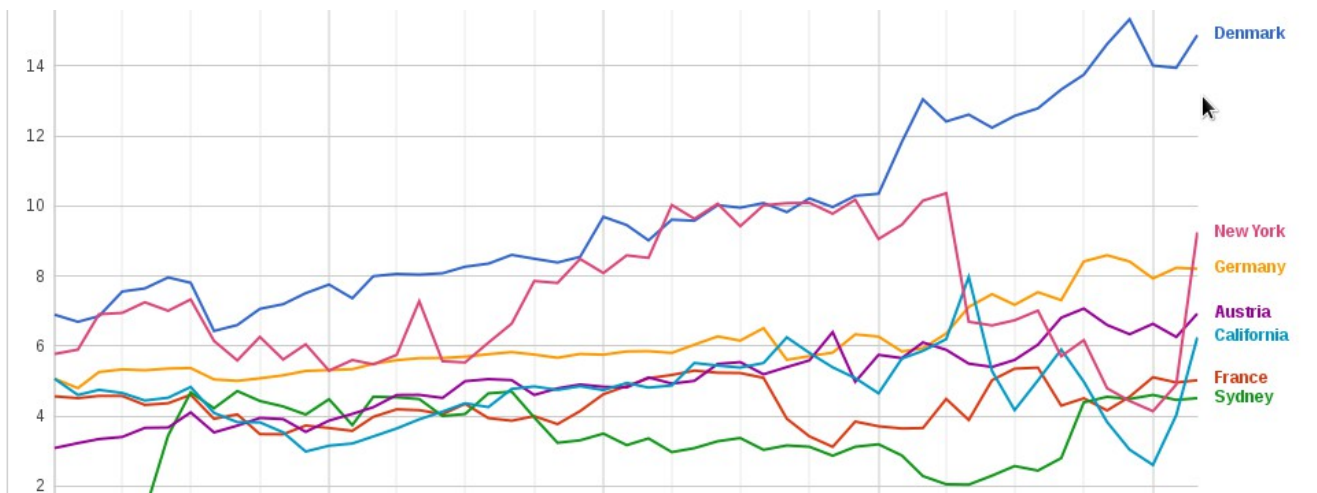
- Providing an **open, verifiable measurement platform** for global network performance
- Hosting the **largest open Internet performance dataset on the planet.**
- Creating **visualizations and tools** to help people make sense of Internet performance

Why Measurement Lab?

Real science requires verifiable processes, and M-Lab welcomes scientific collaboration and scrutiny. This is why all of the data collected by M-Lab's global measurement platform is openly available, and all of the measurement tools hosted by M-Lab are open source. Anyone with the time and skill can review and improve the underlying methodologies and assumptions on which M-Lab's platform, tools, and data rely. **Transparency and review are key to good science, and good science is key to good measurement.**

How is M-Lab Data Used?

M-Lab data is used by researchers, policy analysts, and industries to better understand our connections to the Internet. People from around the world use our tests to see everything from their network speed and latency to potential blocking and throttling of their connections.

Ways to Get Involved

M-Lab welcomes the participation of industries, institutions, and researchers who would like to help expand the platform and ensure its growth and success.

● Run M-Lab Tests

The easiest way to contribute to M-Lab is to run our tests on your own connections, and encourage others to do so:

>> http://www.measurementlab.net/tests

● Use the Data

We want people to use M-Lab data in new ways, and are actively seeking partners to do data analysis, visualizations, and hosts for new sites. Find out more on our website:

>> http://www.measurementlab.net/contribute

● Integrate M-Lab Tests with Your Work

M-Lab "clients" are either standalone network experiments that submit data to M-Lab or are integrations of M-Lab experiments into existing software, like a browser extension. Contact M-Lab to find out more:

>> http://measurementlab.net/contact

● Host an M-Lab Site

M-Lab's growth depends on industry and organizational partners that contribute servers and connectivity. Universities, ISPs, companies and non-profits are all M-Lab hosting partners.

Basic M-Lab System Site Requirements:

- At least 3 enterprise-grade servers, a dedicated gigabit switch and rackspace

- 1 Gbps connectivity

- A dedicated and unified /26 block of IPv4 address space- IPv6 connectivity is a plus

- Administration: initial setup and physical maintenance of the host.

Contact the M-Lab Team for More Information:

>> http://measurementlab.net/contact