



**RIPE
NCC**

Hackathon - Food for Thought

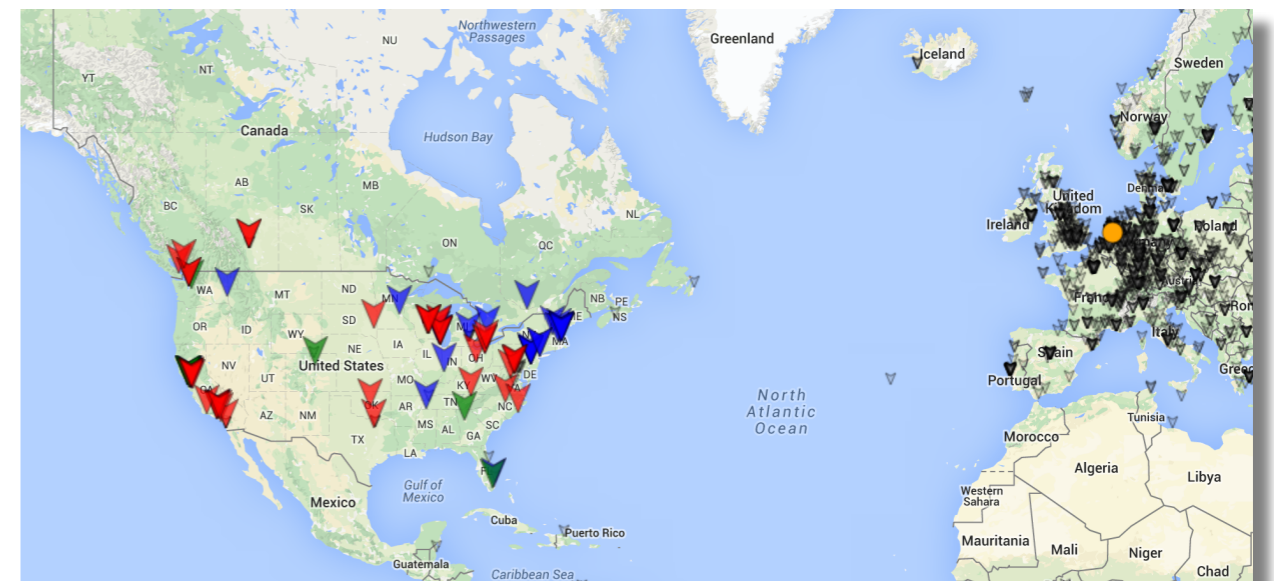
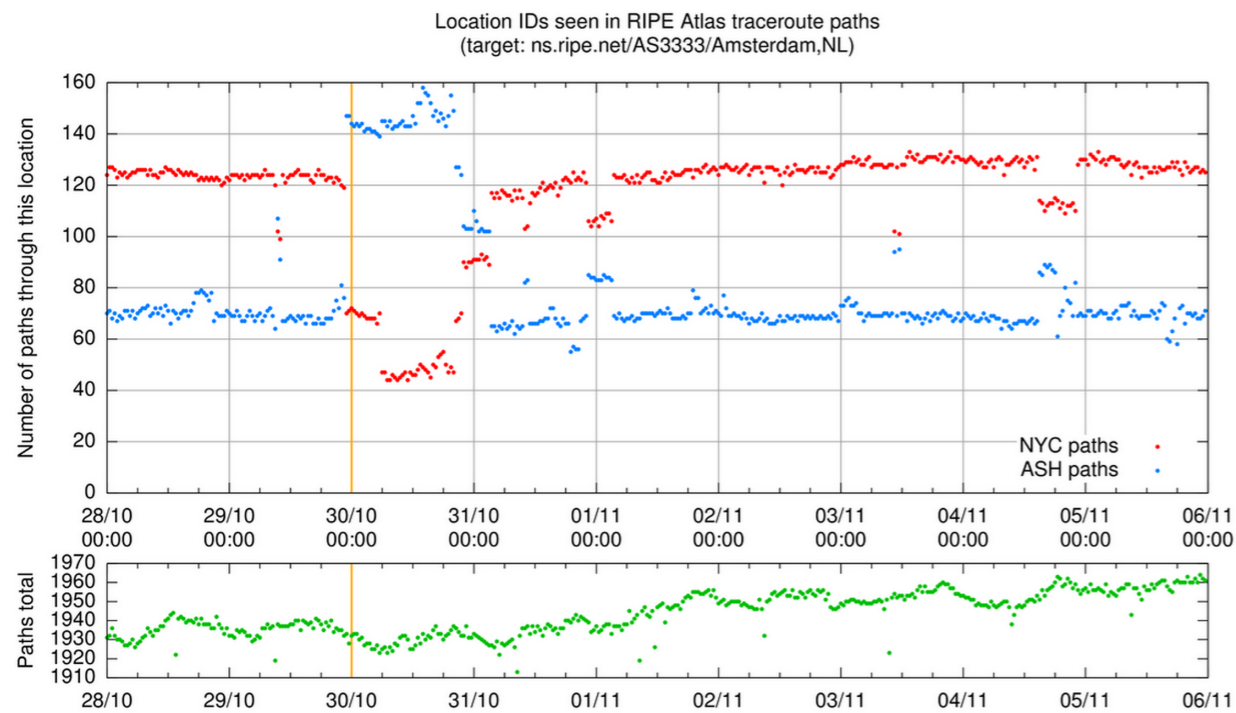
emile.aben@ripe.net

<https://labs.ripe.net/Members/emileaben>

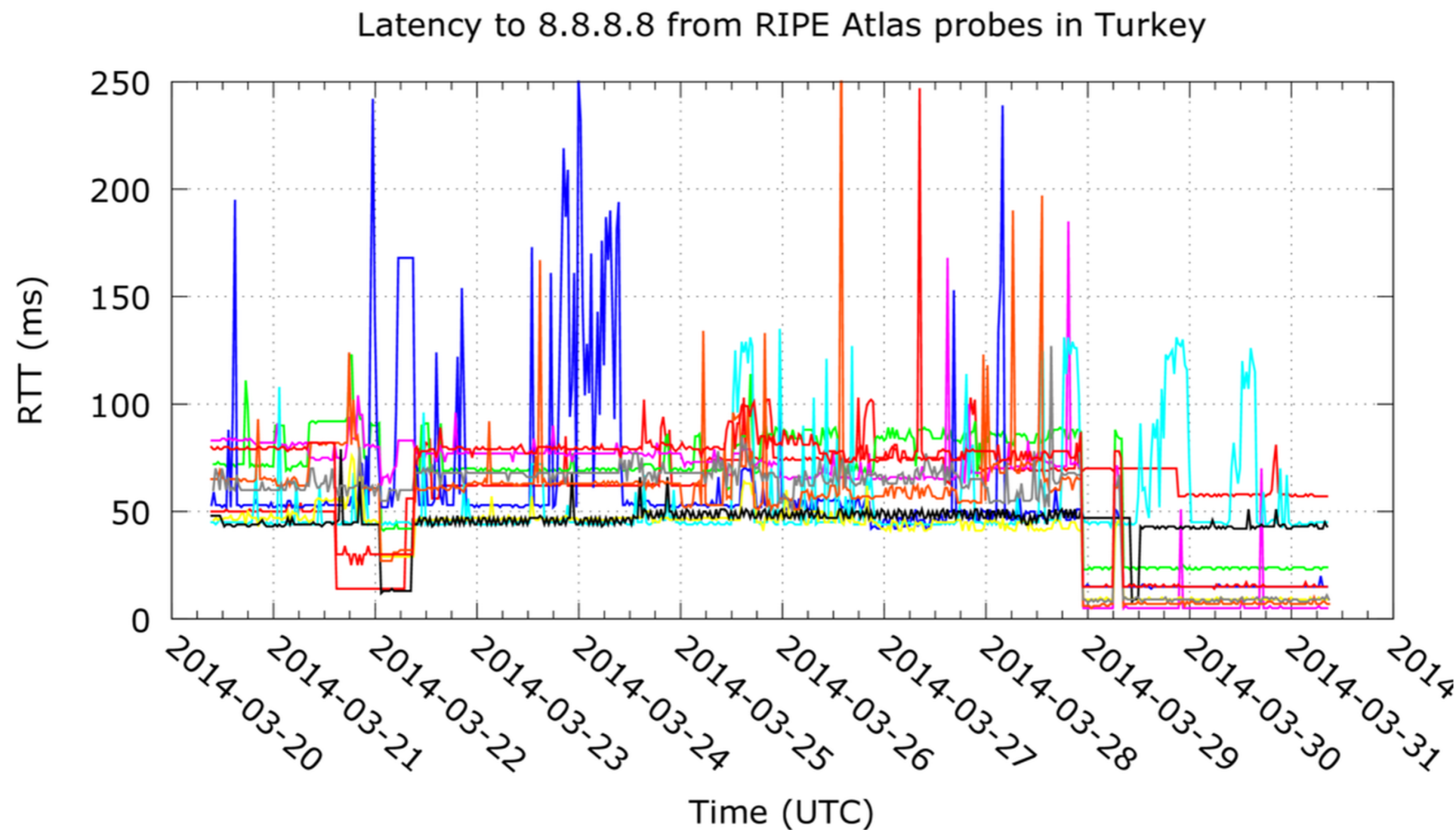
Event | City - Country | Day Month Year

Example Viz: Hurricane Sandy

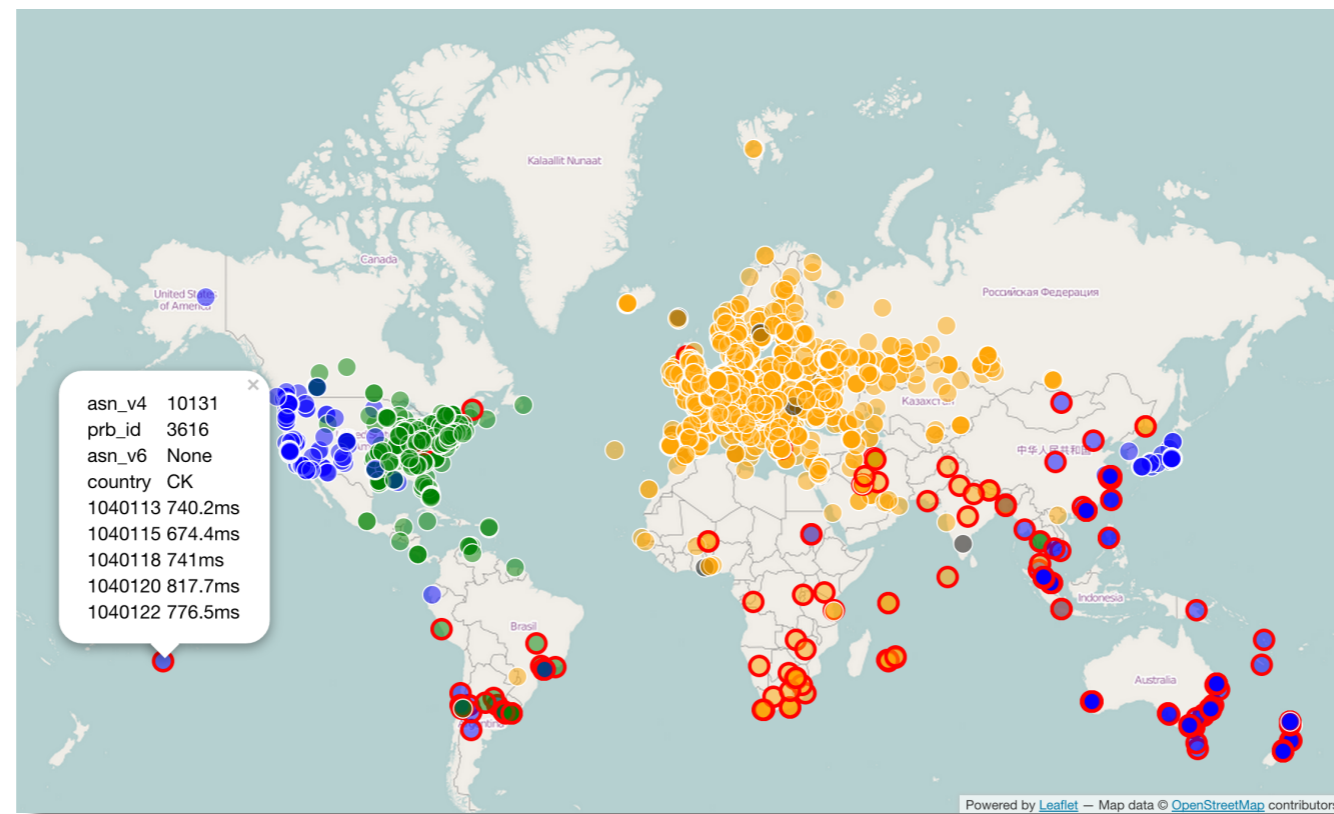
- <https://labs.ripe.net/Members/emileaben/ripe-atlas-hurricane-sandy-global-effects>
- <http://sg-pub.ripe.net/demo-area/sandy-2012/maps/5003.2012-10-29T22:00.2012-10-30T09:00.nyc.html>



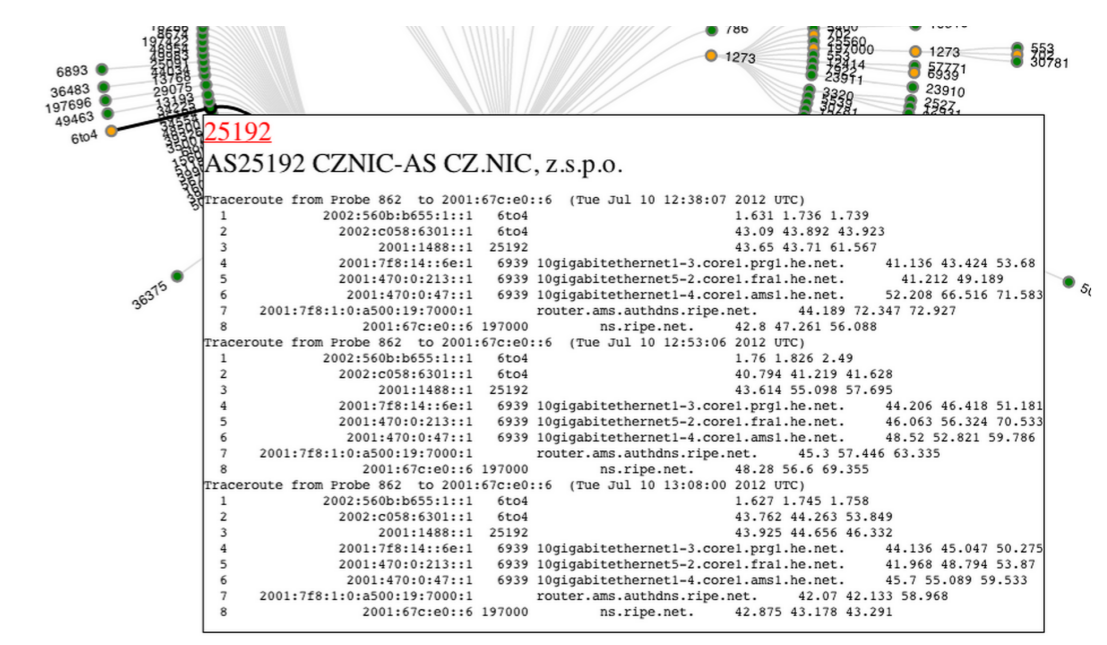
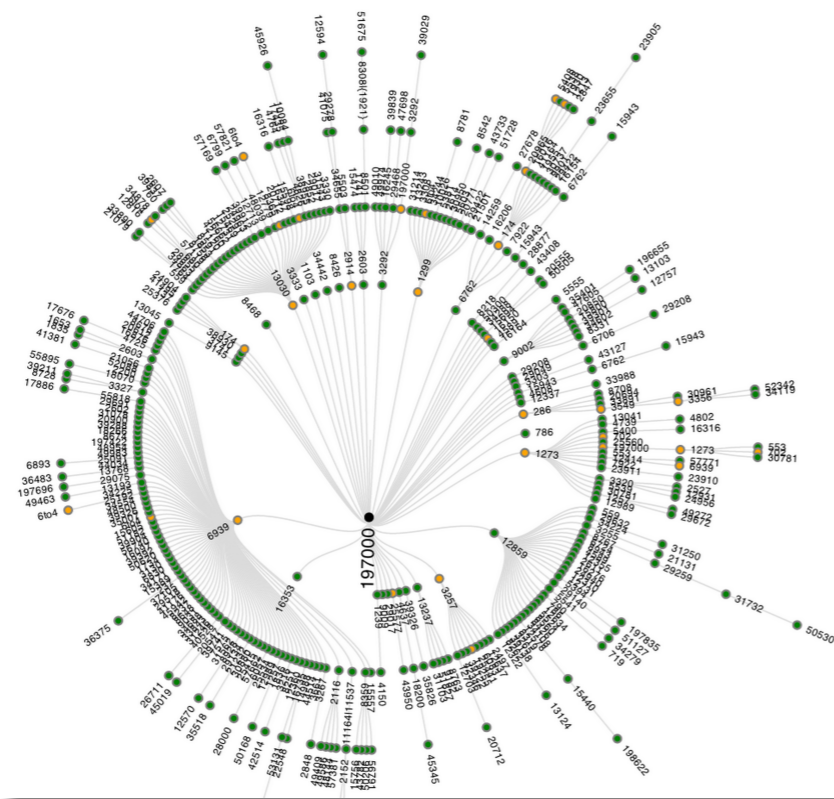
- <https://labs.ripe.net/Members/emileaben/a-ripe-atlas-view-of-internet-meddling-in-turkey>



- <https://labs.ripe.net/Members/emileaben/how-ripe-atlas-helped-wikipedia-users>
- <http://sg-pub.ripe.net/emile-playground/wikimedia-map/color-by-fastest/map/map.html>
- <https://github.com/RIPE-Atlas-Community/datacentre-latency-map>

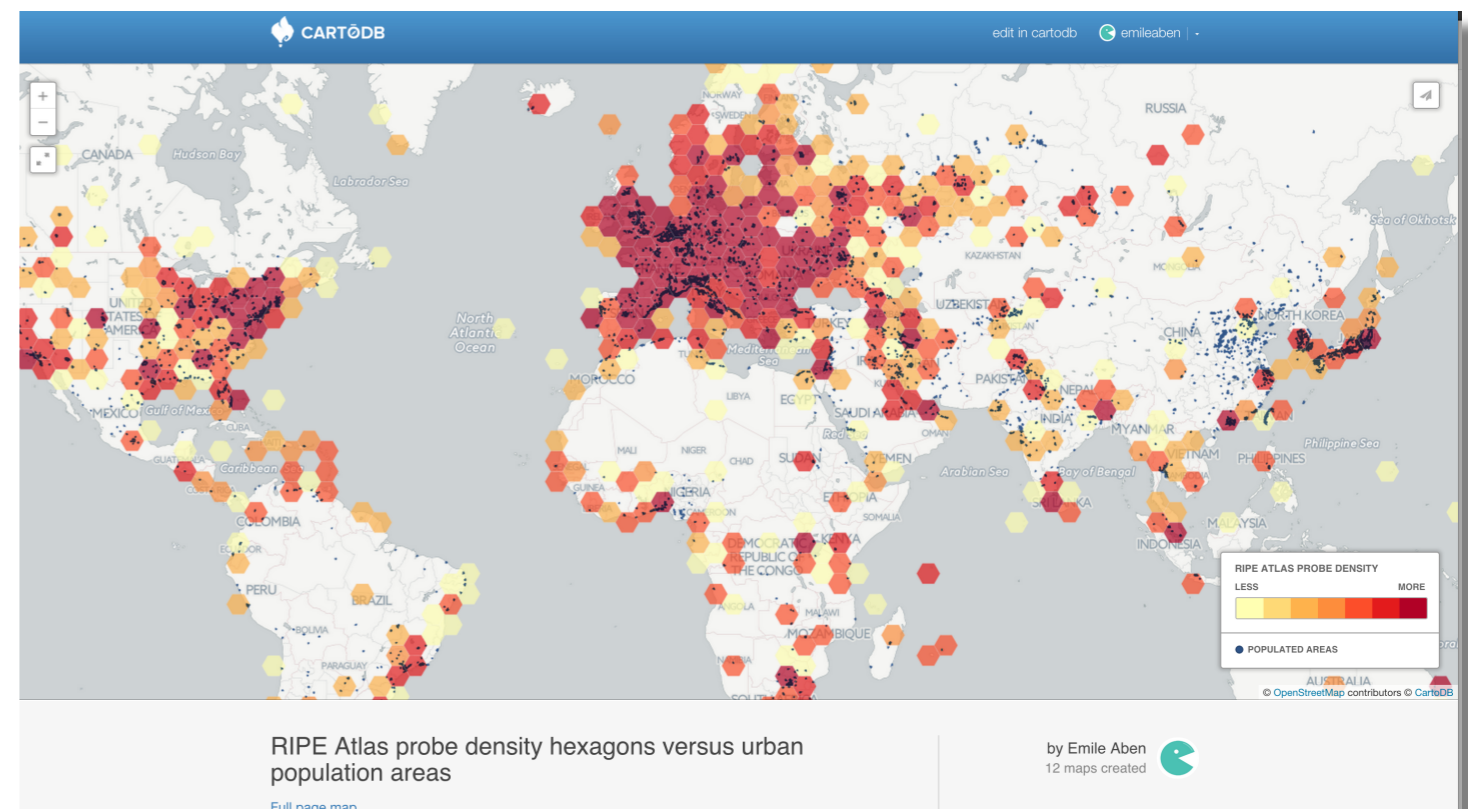
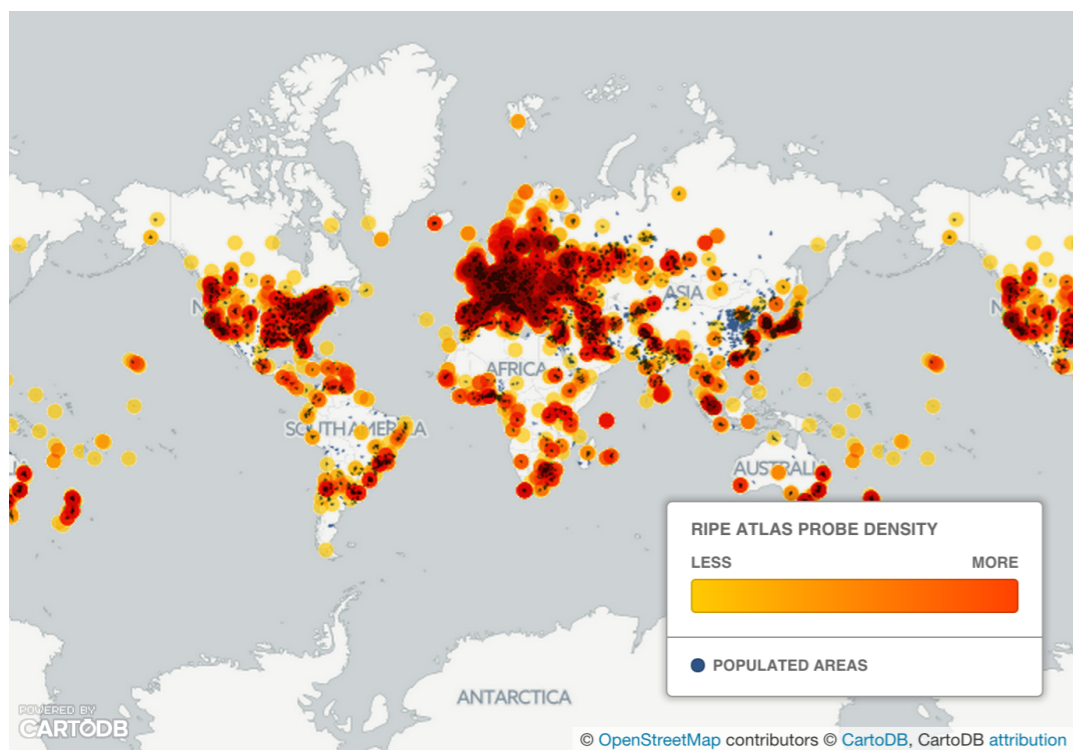


- <https://labs.ripe.net/Members/emileaben/visualise-your-ipv6-connectivity-using-ripe-atlas>
- prototype currently broken :(

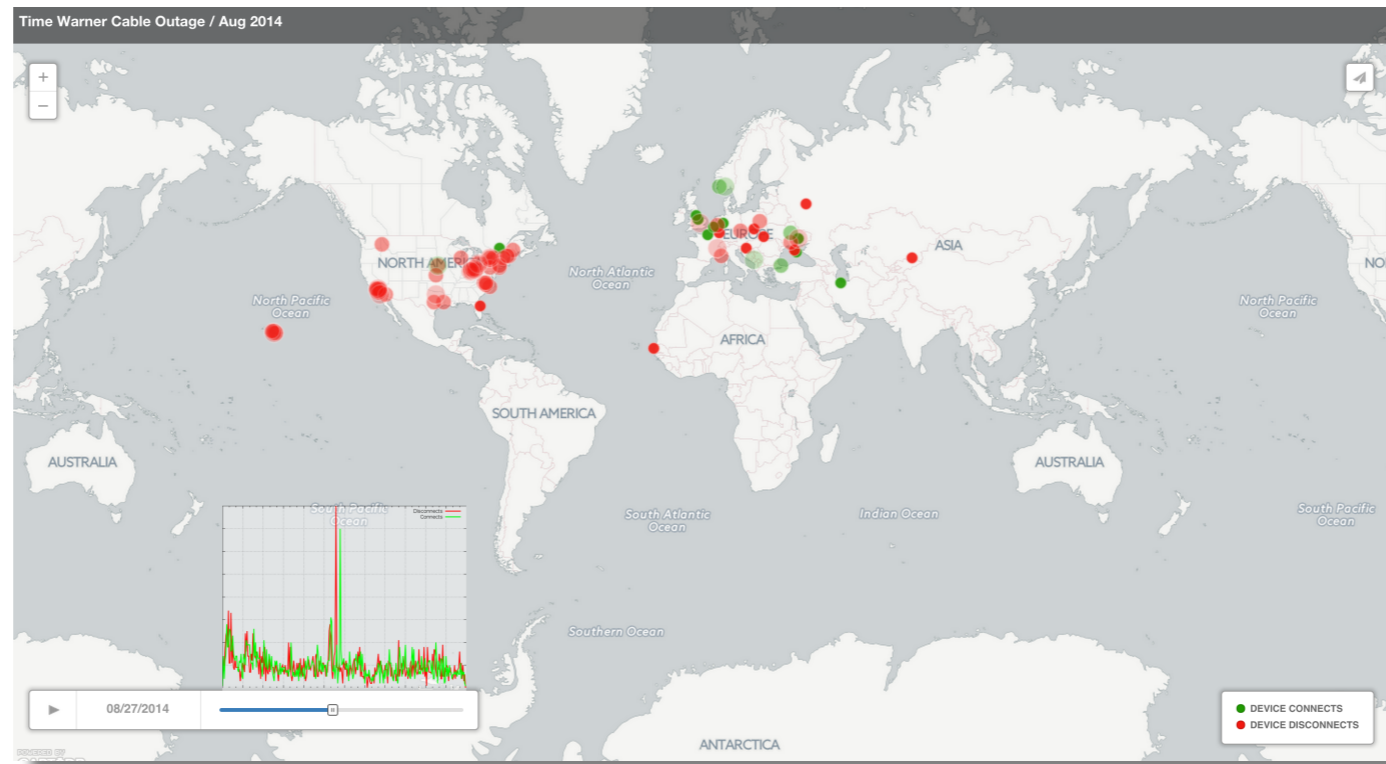


Example Viz: Probe distribution

- <https://labs.ripe.net/Members/emileaben/distribution-of-ripe-atlas-probes>
- https://emileaben.cartodb.com/viz/9f1a8bfe-8438-11e4-8025-0e018d66dc29/public_map

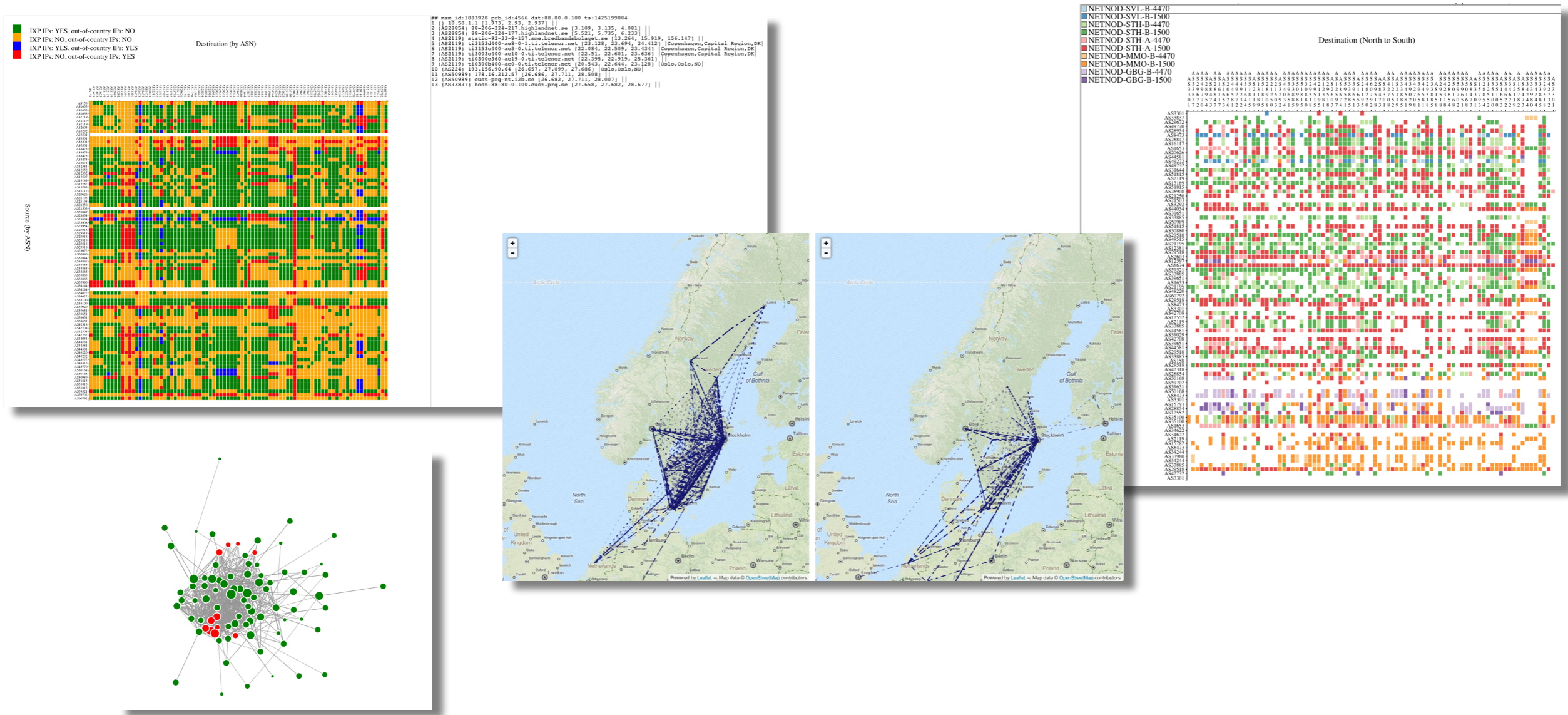


- <https://labs.ripe.net/Members/emileaben/visualising-network-outages-with-ripe-atlas>
- https://www.youtube.com/watch?v=BaNQrJ5eH_I&feature=youtu.be
- <https://cormorant.ripe.net/demo-area/twc-2014/index.html>



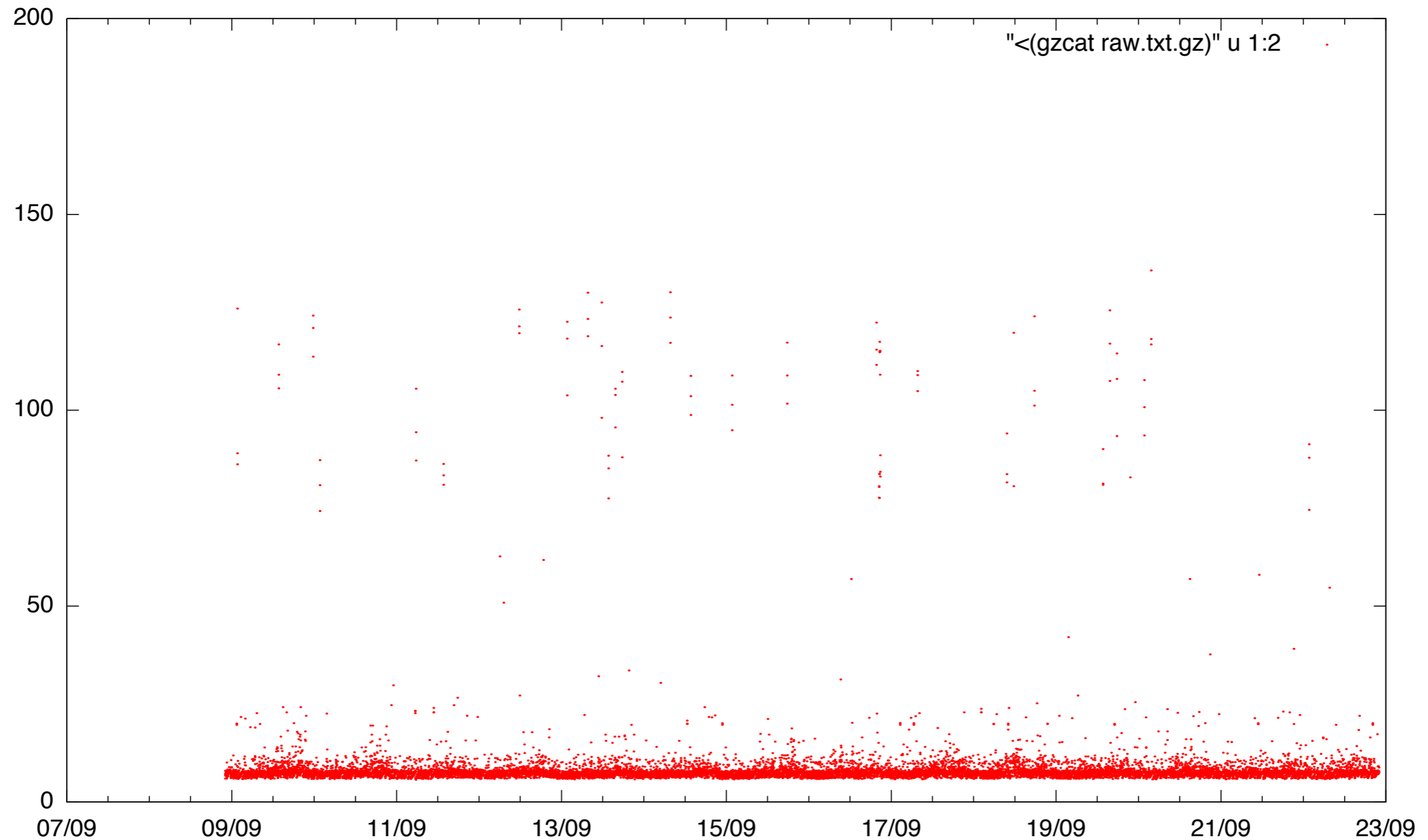
Example Viz: IXP-Country-Jedi

- <https://labs.ripe.net/Members/emileaben/measuring-ixps-with-ripe-atlas>
- <https://github.com/emileaben/ixp-country-jedi>
- <http://sg-pub.ripe.net/emile/ixp-country-jedi/SE-2015-03/>

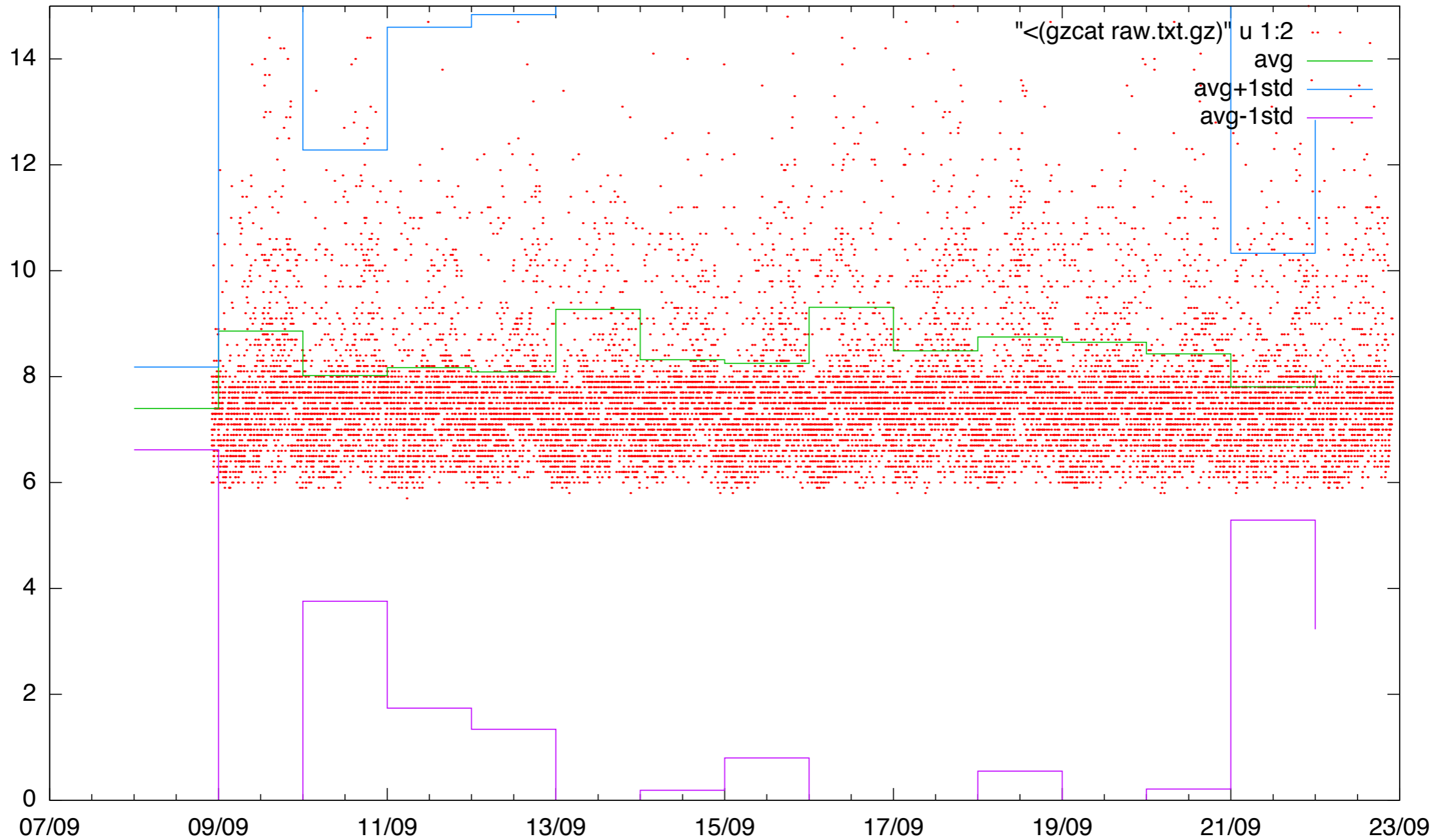


- Internet latency:
 - Use median not **average**
- Infrastructure geolocation
 - where are IPs in traceroutes physically?
 - Use OpenIPMap, not **Maxmind**
- Show/link to source data whenever you can
 - Go from **pretty picture** to a data analysis tool

On Real Data (pings from probe ID 1)



Zoom and add avg/stddev



Zoom and median!

