



RIPE
NCC

Internet Measurements and Statistics

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- RIPE

- Community of network operators: You!
- Develops addressing policy
- Working groups, mailing lists, RIPE meetings

- RIPE NCC

- Non-for-profit
- Supporting RIPE community





RIPE Labs

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



RIPE
NCC

- It's a website, but more importantly:
 - It is a platform and a tool for the community
 - Launched in Sept. 2009, constantly developed
- You can:
 - Test and evaluate new tools and prototypes
 - Contribute new ideas and research results
 - Provide feedback and discuss with others

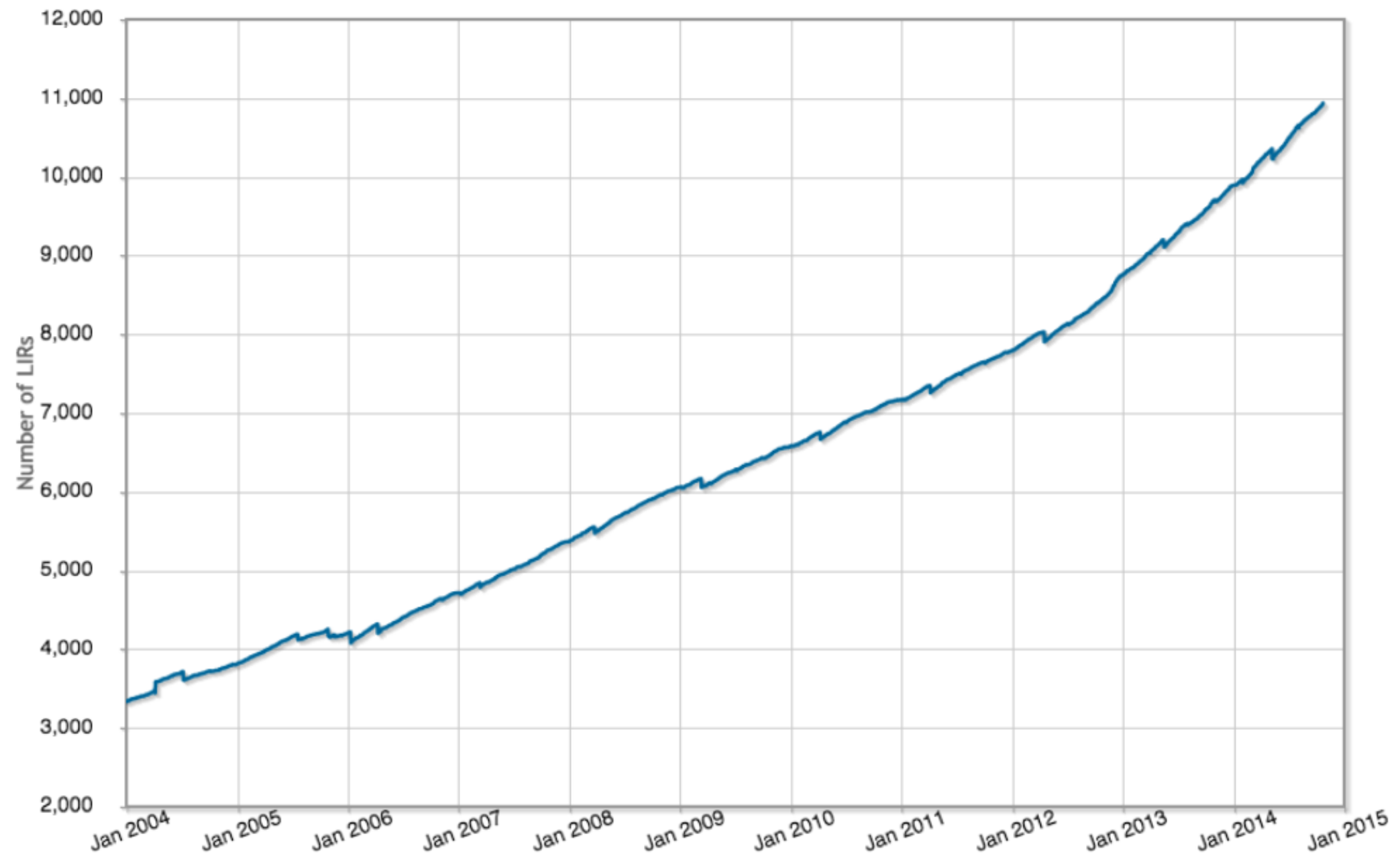
<https://labs.ripe.net/>

- IPv6 related topics
- Tools & Prototypes
 - RIPEstat, RIPE Atlas, RIPE DB API etc.
- Internet Events
- Statistics
 - IPv4, IPv6, RPKI, Routing, DNSSEC etc.
 - <http://labs.ripe.net/statistics>

RIPE Labs Statistic Example

| 6

Total Number of LIRs



~11k , 55 are Romanian



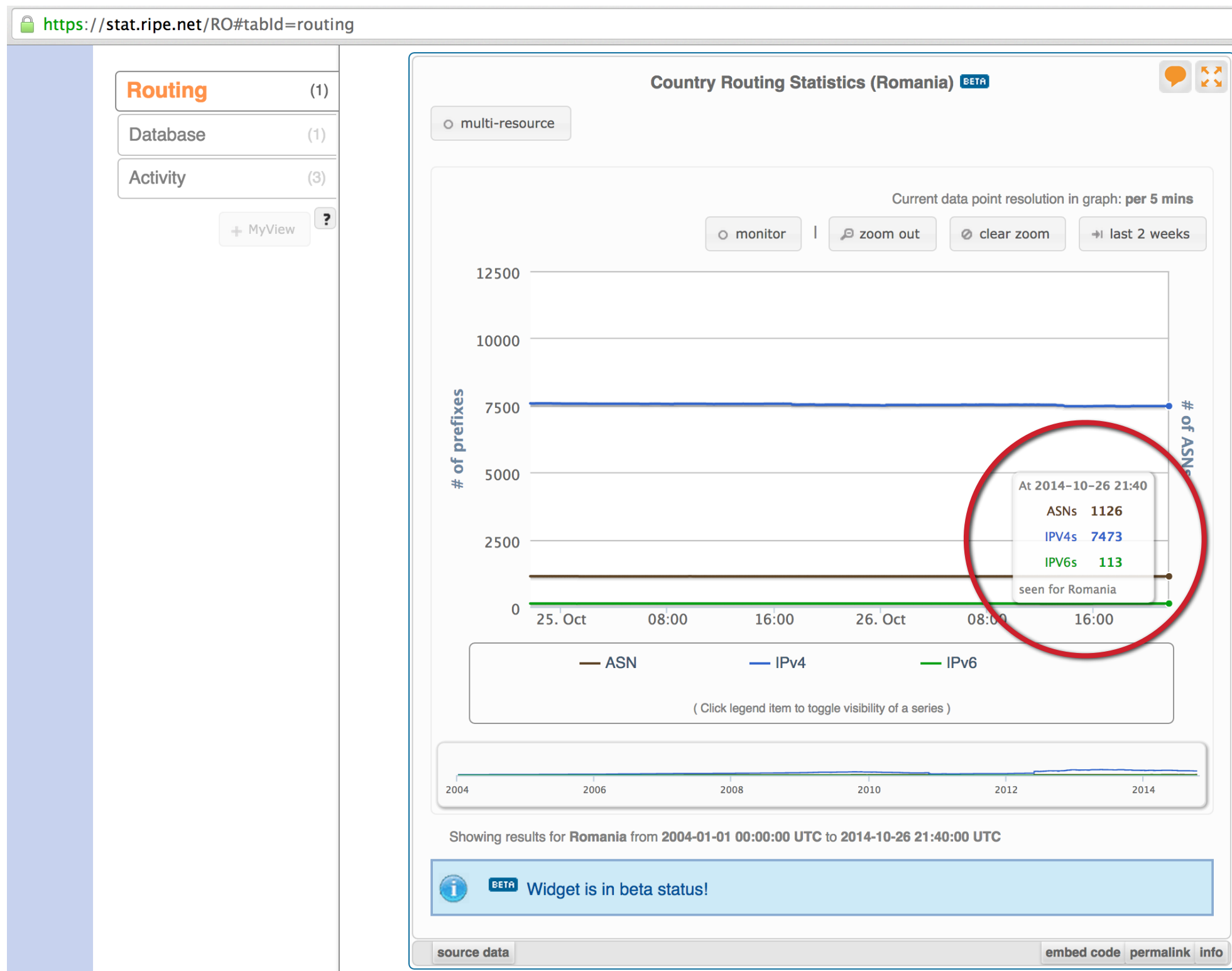
RIPEstat



RIPE
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- Information system for Internet number resources (IPs, prefixes, ASNs)

The screenshot displays the RIPEstat interface for AS3333. At the top, a breadcrumb trail reads 'You are here: Home > Data & Tools > RIPEstat > AS3333'. Below this is the 'RIPEstat' logo and a search bar with a 'Search' button. A callout bubble points to the search bar, labeled 'Search box'. On the left, a sidebar titled 'At a Glance' lists thematic tabs: Routing (9/10), DNS (1), Anti Abuse (1), Database (5), and Geographic (2). A callout bubble points to this sidebar, labeled 'Widgets grouped into thematic tabs'. The main content area features four widgets: 1. 'AS Overview (AS3333)' showing 'RIPE-NCC-AS - Reseaux IP Europeens Network Coordination Centre (RIPE NCC)' with a date range from 2013-08-30 00:00:00 UTC to 2013-08-30 08:00:00 UTC. 2. 'Geoloc (AS3333)' displaying a map of Europe with a callout bubble labeled 'Widgets display different types of information'. 3. 'Registry Browser (AS3333)' showing details for 'aut-num: AS3333', including as-name, descr, org, admin-c, tech-c, mnt-by, and mnt-by. 4. 'Routing Status (AS3333)' showing a green checkmark and text: 'AS3333 is visible by 97% of 99% of 102 IPv6 RIS'. A callout bubble points to this widget, labeled 'Widgets display different types of information'. Each widget has a 'source data' link and an 'embed code' button.

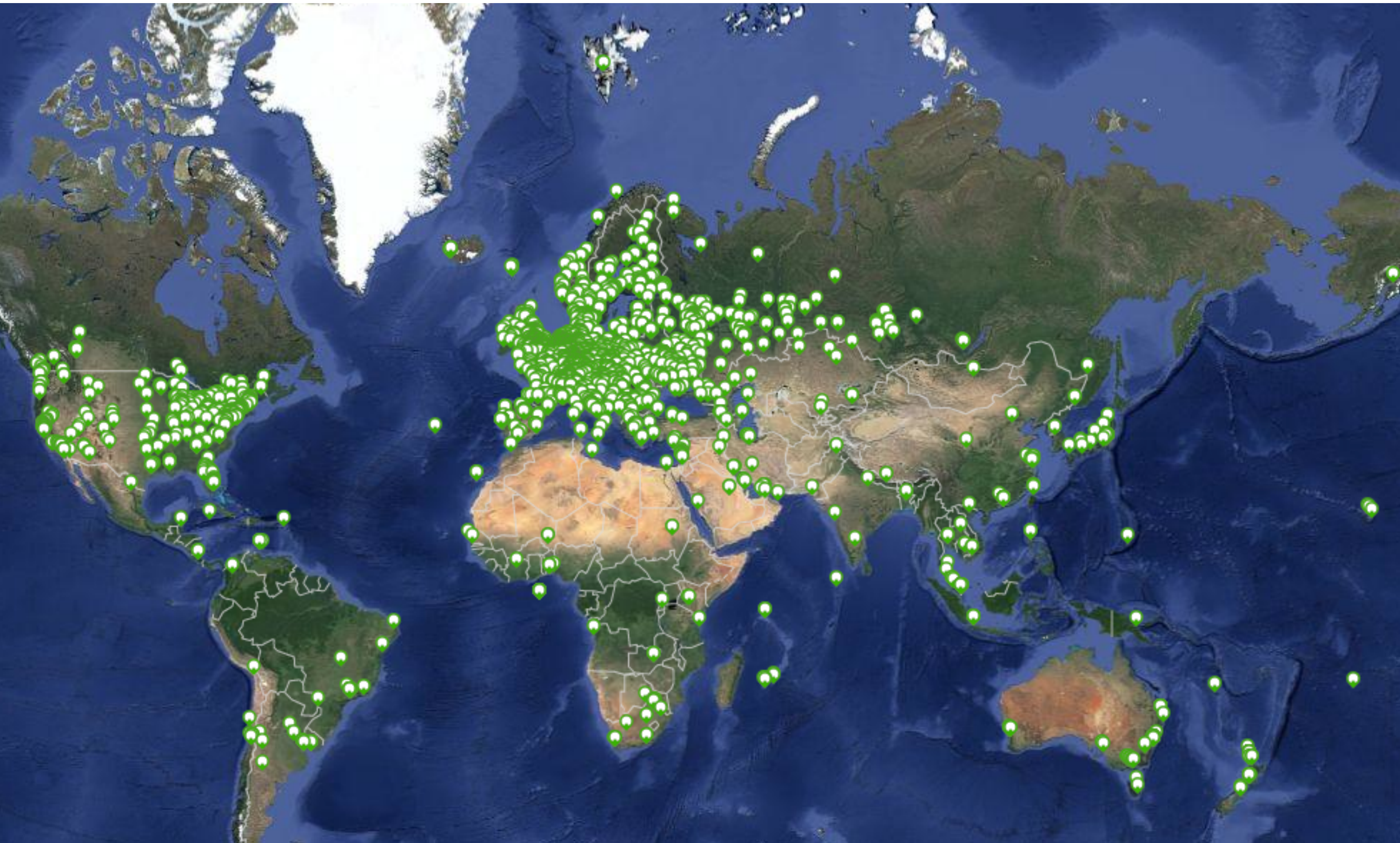


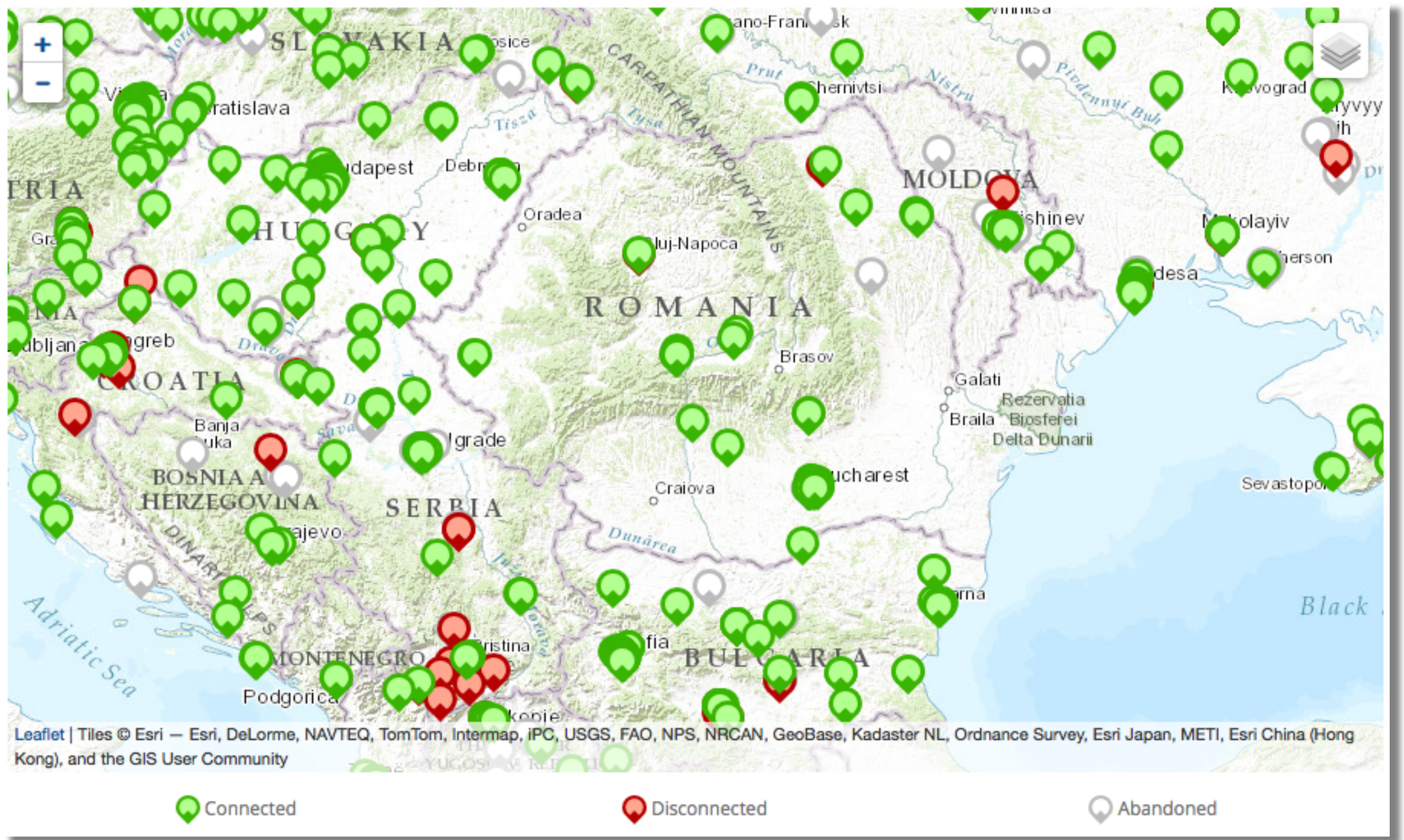


RIPE Atlas



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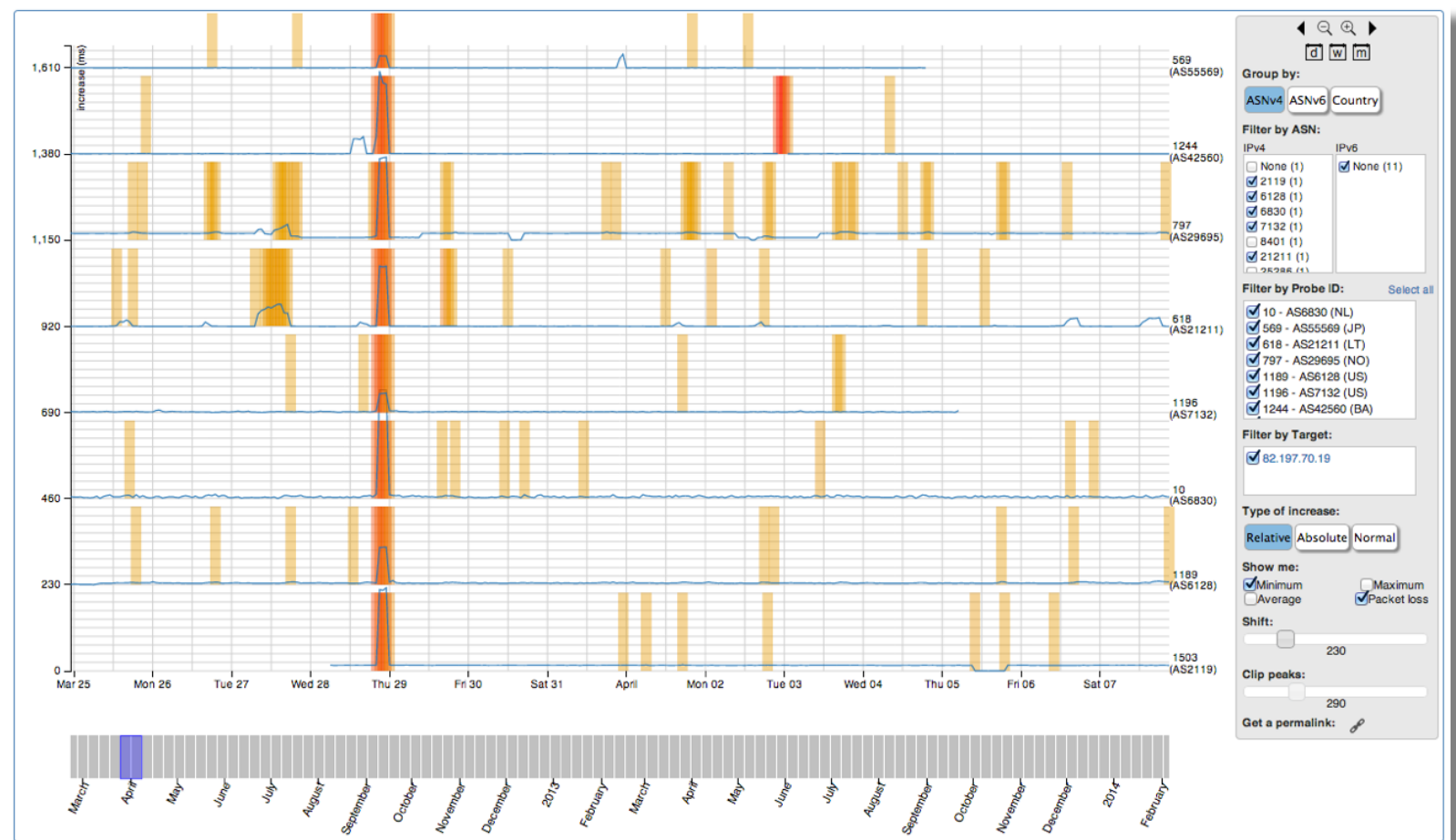




- Hosting a measurement device earns you “credits”
- “Credits” can be used to measure (ping,trace,etc.) on all of the other devices in the system



- Seismograph:
 - Multiple ping measurements in one view
 - Stacked chart and interactive control panel



https://labs.ripe.net/Members/massimo_candela/seismograph-user-guide

- emile.aben@ripe.net
- <https://labs.ripe.net/statistics>
- <https://stat.ripe.net/>
- <https://atlas.ripe.net/>

