



RIPE
NCC

Measuring the Health of the Internet (Even in Real Time)

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RIPEstat

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- Routing (9/10)
- DNS (1)
- Anti Abuse (1)
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+ MyView ?

permalink


AS Overview (AS3333)

RIPE-NCC-AS - Reseaux IP Europeens Network Coordination Centre (RIPE NCC)

Showing results from 2013-08-30 00:00:00 UTC to 2013-08-30 08:00:00 UTC

[source data](#) [embed code](#) [permalink](#) [info](#)

Geoloc (AS3333)



Map Satellite Hamburg Bremen Amsterdam Net 100.000% London Cologne Belgium Germany

Map Data Terms of Use Report a map error

Geoloc details

Showing results for AS3333 as of 2013-08-01 00:00:00 UTC

[source data](#) [embed code](#) [permalink](#) [info](#)

Registry Browser (AS3333)

Last updated on 2012-04-17 at 10:12:15 UTC.

aut-num: AS3333

as-name	RIPE-NCC-AS
descr	Reseaux IP Europeens Network Coordination Centre (RIPE NCC)
org	ORG-RIEN1-RIPE
admin-c	JDR-RIPE
admin-c	BRD-RIPE
tech-c	OPS4-RIPE
mnt-by	RIPE-NCC-END-MNT
mnt-by	RIPE-NCC-MNT

Showing results for AS3333 as of 2013-08-30 14:44:20 UTC

[source data](#) [embed code](#) [permalink](#) [info](#)

Routing Status (AS3333)

AS3333 is visible by **97%** of 107 IPv4 and **99%** of 102 IPv6 RIS full peers.

First ever seen before **Jan 2001**.

Originated **IPv4** prefixes: **6**
Originated **IPv6** prefixes: **1**
Observed BGP neighbours: **160**
Address space announced (IPv4): **4608** IPs
Address space announced (IPv6): equiv. to **1** /48s

Compare to 1 week earlier

Showing results for AS3333 as of 2013-08-29 00:00:00 UTC

[source data](#) [embed code](#) [permalink](#) [info](#)

Widgets

Data sources: <https://stat.ripe.net/data-sources>

The screenshot shows the RIPEstat search interface. At the top, there's a yellow header with the text "Search RIPEstat". Below this, a search bar contains the text "facebook". To the left of the search bar, it says "Your network:". To the right, there's a button with a magnifying glass icon and the text "Change, IPv6, ASN". Below the search bar, a dropdown menu is open, displaying search results. The results are categorized into "ASNs" and "Domains". Under "ASNs", there are two entries: "AS32934" with "FACEBOOK - Facebook, Inc.,US" and "AS54115" with "FACEBOOK-CORP - Facebook Inc,US". Under "Domains", there are seven entries, each followed by its Alexa.com rank: "facebook.com" (#2), "facebooki.ir" (#39067), "facebook-list.com" (#63456), "facebookbrand.com" (#67820), "facebookgroupautoposter.com" (#68621), "facebookprofileview.com" (#73979), and "facebookprofileview.com" (#73979). The background of the interface is light gray with some navigation arrows and a small chart visible on the right side.

Search RIPEstat

facebook

Your network:

Change, IPv6, ASN

ASNs

AS32934
FACEBOOK - Facebook, Inc.,US

AS54115
FACEBOOK-CORP - Facebook Inc,US

Domains

facebook.com
facebook.com ranks #2 on Alexa.com

facebooki.ir
facebooki.ir ranks #39067 on Alexa.com

facebook-list.com
facebook-list.com ranks #63456 on Alexa.com

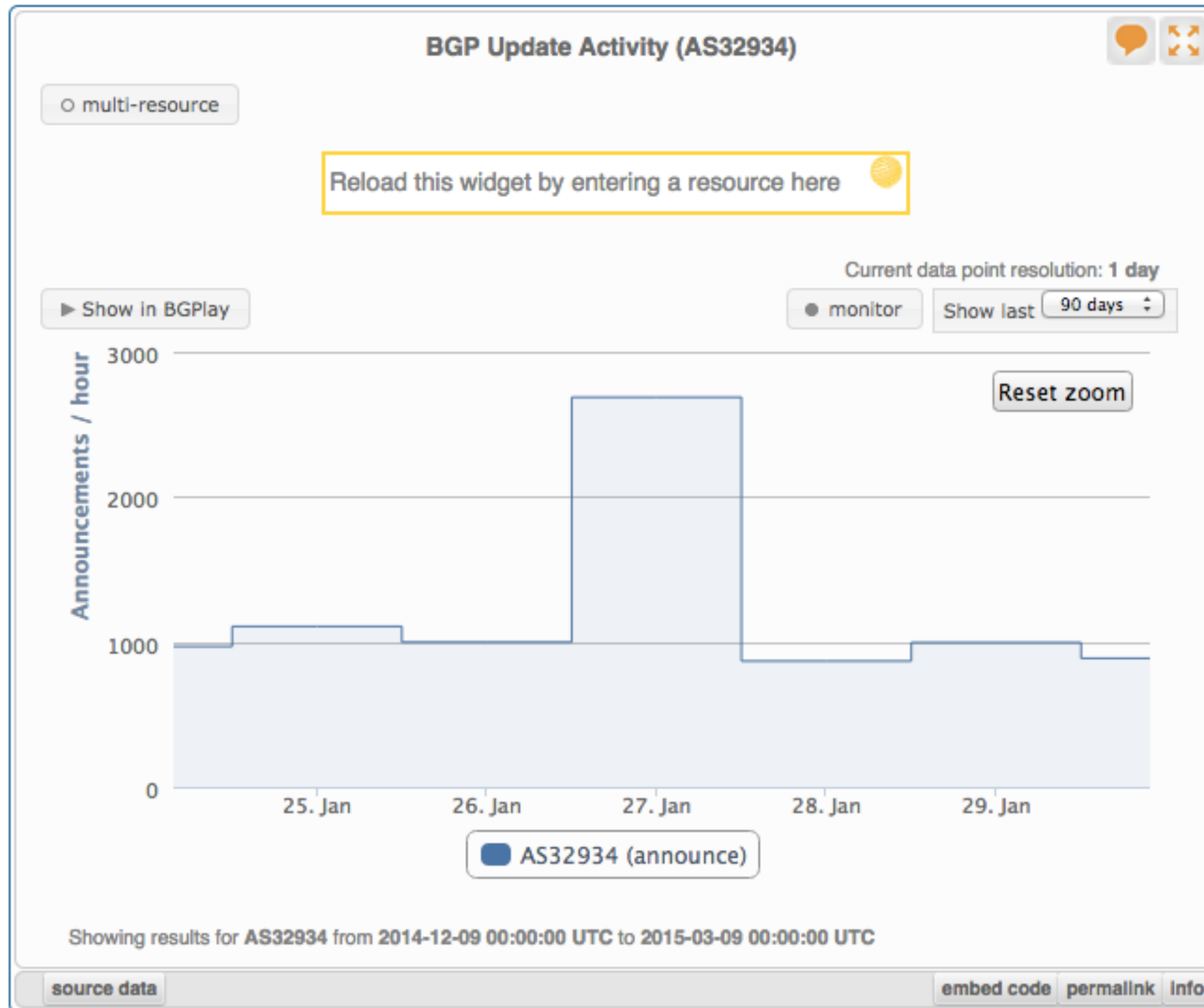
facebookbrand.com
facebookbrand.com ranks #67820 on Alexa.com

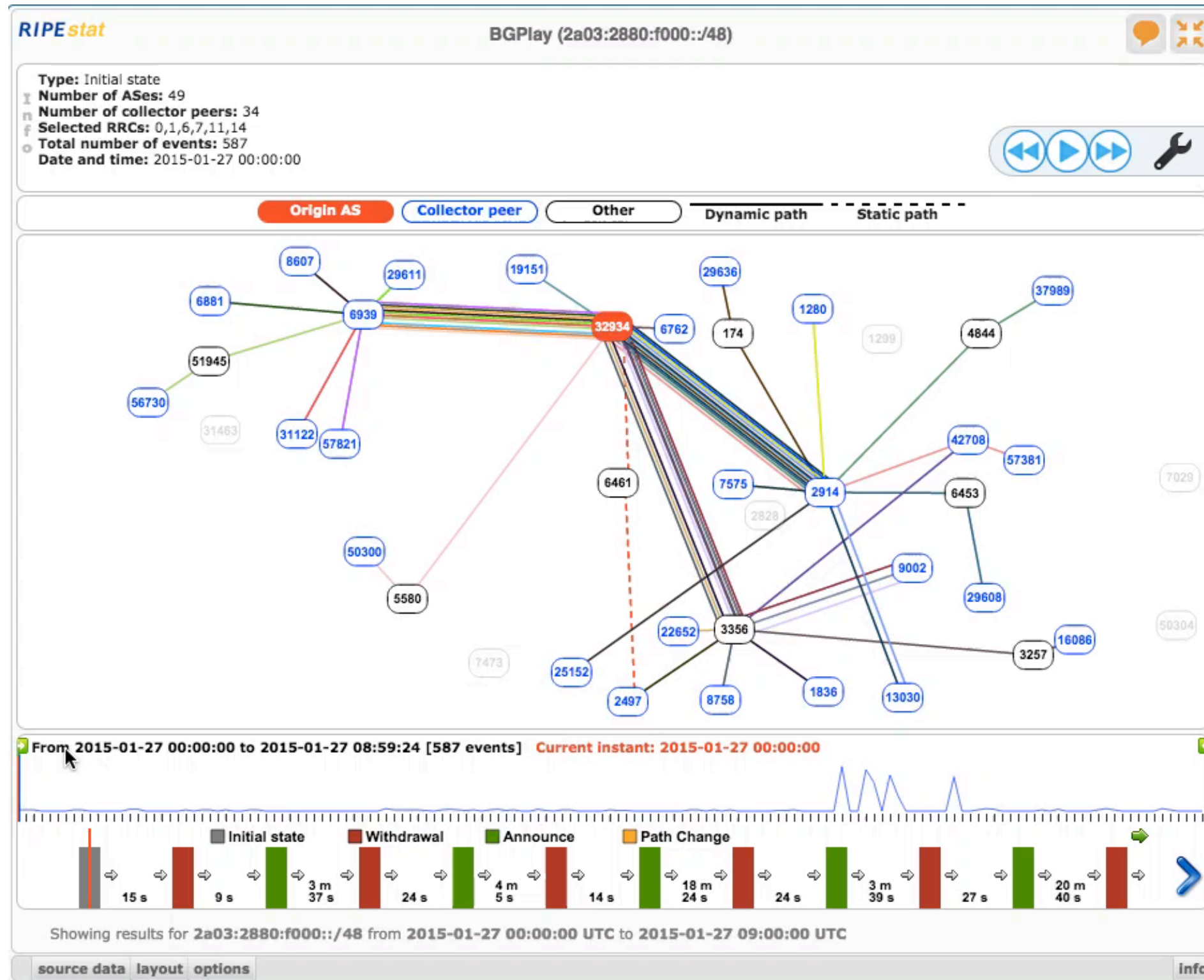
facebookgroupautoposter.com
facebookgroupautoposter.com ranks #68621 on Alexa.com

facebookprofileview.com
facebookprofileview.com ranks #73979 on Alexa.com

<https://labs.ripe.net/Members/emileaben/facebookdown-and-what-internet-data>

Example: #facebookdown

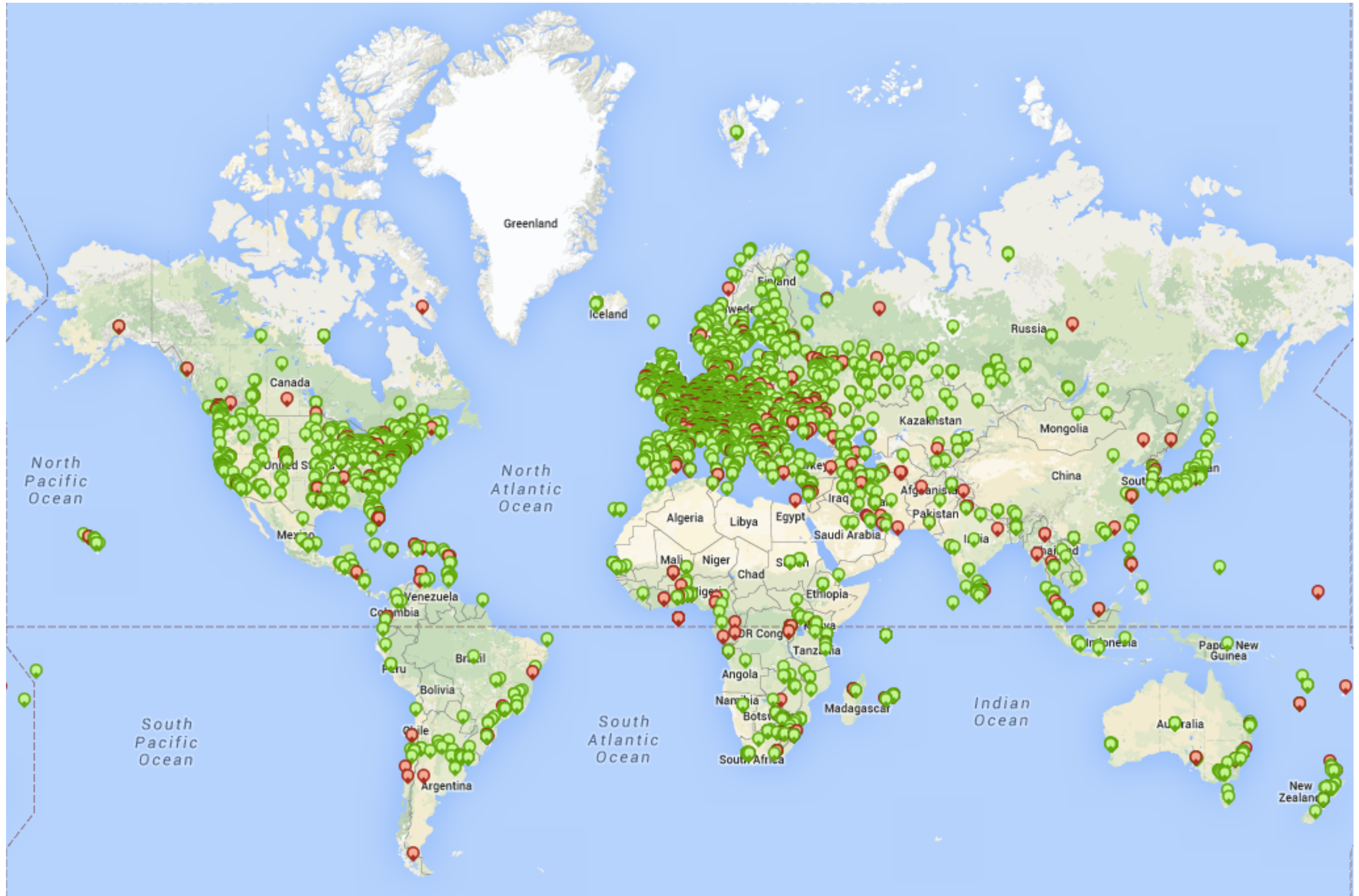




[Watch it in RIPEstat](#)

- You can analyse your network from external points of view, or watch notable network events
- You can download the data used by the widgets in JSON format (“source data” in the footer)
- There is some delay before the data becomes available

**It would be nice to be able to constantly monitor
the network in real time**





- 7,900+ probes connected (110+ Anchors)
- 2,600+ active users this month
- 2,500+ results collected per second
- 35,000+ user-defined measurements weekly
 - **Five** types of user-defined measurements available to probe hosts and RIPE NCC members: ping, traceroute, DNS, SSL, **NTP** (new)

Measurements

[+ Create a Measurement](#)

Any Status

IPv4/v6

All types

Of all time



My Measurements

My Favourite Measurements

My Hidden Measurements

Public Measurements

All Measurements

Id		Type	Target	Description	Probes	Time (UTC)
1411455		Todor Yakimov	IPv4 trace... fremaks01.ring.nlnog.net	de-fra-as5580.anchors.atlas.ripe.net	0	2019-11-14 00:30 - No Stop Defined
1411440		Todor Yakimov	IPv4 trace... de-muc-as5539.anchors.atlas...	de-muc-as5539.anchors.atlas.ripe.net	0	2019-08-01 00:15 - No Stop Defined
1891035		Stanislav Bondarenko	IPv4 ping	mx.epss36.ru	Calculating...	2015-03-10 15:00 - 2015-04-10 1...
1891037		Stanislav Bondarenko	IPv4 dns	DNS measurement to ns2.epss36.ru.	57	2015-03-10 12:48 - 2015-04-15 1...
1891036		Stanislav Bondarenko	IPv4 dns	DNS measurement to ns1.epss36.ru.	30	2015-03-10 12:46 - 2015-04-10 1...
1891034		Steffen Weinreich	IPv6 dns	2a02:ad0:15::35	50	2015-03-10 12:32 - 2015-03-10 1...
1891033		FANOU Roderick	IPv4 trace...	212.199.219.221	185	2015-03-10 12:27 - 2015-03-10 1...
1891032		Atlas Anchoring Measurements	IPv6 trace...	fr-cdg-as2486.anchors.atlas...	2741	2015-03-10 12:25 - 2015-03-10 1...
1891031		Atlas Anchoring Measurements	IPv4 trace...	fr-cdg-as2486.anchors.atlas...	7742	2015-03-10 12:25 - 2015-03-10 1...

Costs summary

Define a measurement first

Step 1 Definitions

Please select the type of measurement you want to create

+ Ping

+ Traceroute

+ DNS

+ SSL

+ HTTP

Step 2 Probe Selection

Worldwide

50

×

+ New Set - wizard

+ New Set - manual

+ IDs List

+ Reuse a set from an old measurement

Step 3 Timing

This is a One-off: ☐

Start time:

As soon as possible



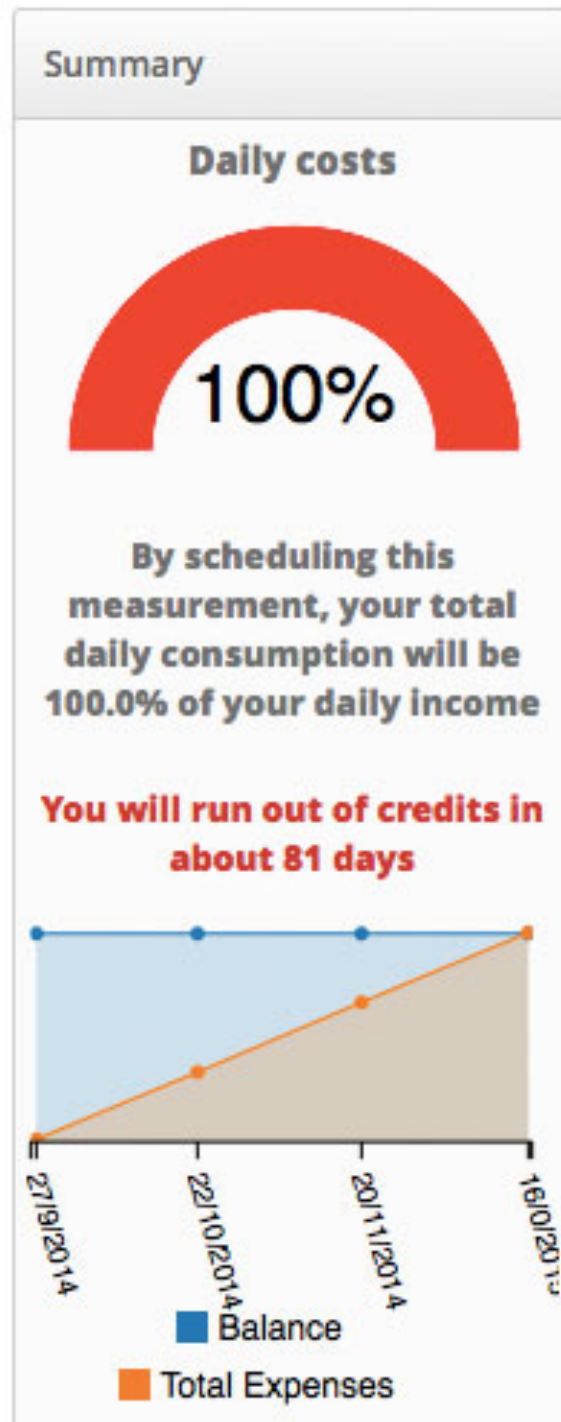
Stop time:

Never



> Measurement API Compatible Specification

Create My Measurement(s)



Step 1 Definitions

▼ Ping measurement ✕

Target <input type="text"/> <i>An IP address or hostname</i>	Description <input type="text" value="Ping measurement"/> <i>A free-form description of this measurement</i>
Address Family <input type="text" value="IPv6"/>	Interval <input type="text" value="240"/> <i>How often this should be done (seconds between samples). Note that this value is ignored for one-off measurements.</i>
Packets <input type="text" value="3"/>	Resolve on Probe <input type="checkbox"/> <i>Force the probe to do DNS resolution</i>
Size <input type="text" value="48"/>	

[+ Ping](#) [+ Traceroute](#) [+ DNS](#) [+ SSL](#)

Select probes

belgrade ipv6

Reset

Map Satellite

Selected Probes (11)

Probe ID	Country
Probe ID: 19348	RS
Probe ID: 18613	RS
Probe ID: 16634	RS
Probe ID: 12820	RS
Probe ID: 10131	RS
Probe ID: 6030	RS
Probe ID: 4886	RS
Probe ID: 2907	RS
Probe ID: 2816	RS
Probe ID: 219	RS
Probe ID: 113	RS

Ok

Radius: 3.00Km

Map data ©2015 Google

General Information

Probes

Map

Seismograph

Download Results

Modification Log

Download the raw measurement result data here.

You can use this form to download the data through your browser, or use the preview on the right to help you query the REST API directly.

Start Date*:

2014-11-26

Stop Date*:

2015-03-10

Format:

JSON

URL Preview

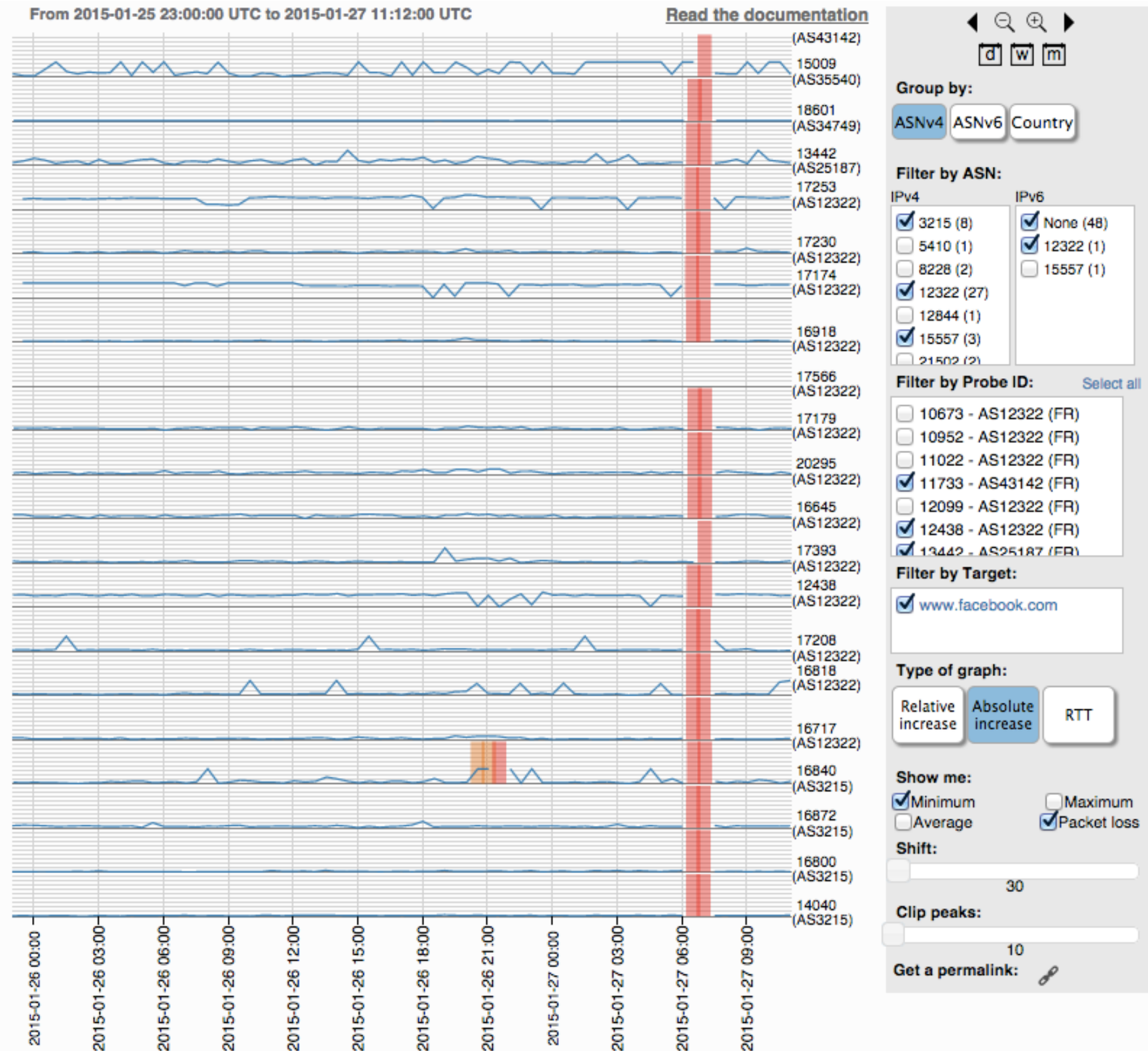
```
https://atlas.ripe.net/api/v1/measurement/1791207/result/?start=1416960000&stop=1426031999&format=json
```

Download

- After the data is processed and stored, it is **downloadable** in JSON format or **visualisable** some minutes later

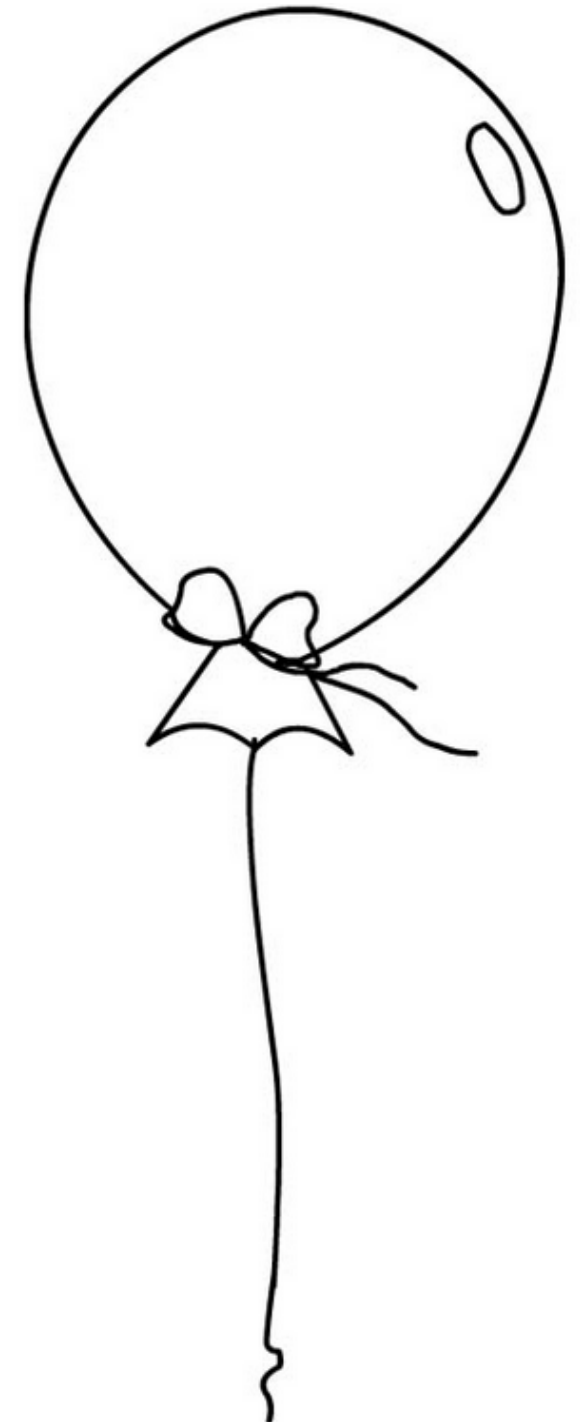
Seismograph: #facebookdown

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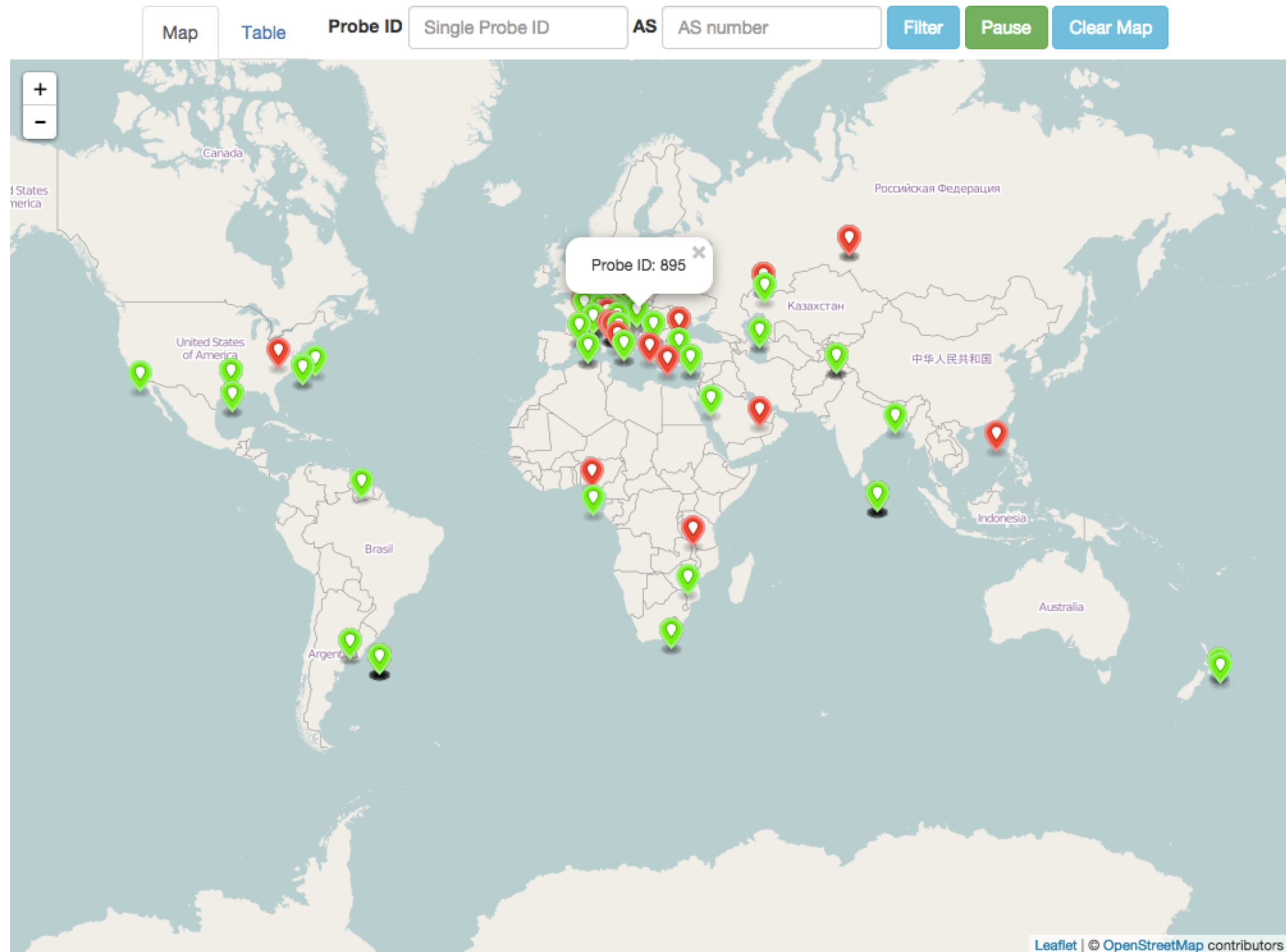
It would be nice to receive the results as soon as they are sent by the probes!

- **RIPE Atlas streaming** is a new architecture that allows users to receive the measurement results as soon as they are sent by the probes
 - Publish/subscribe through sockets
 - Measurement results and connection status events
 - Possibility to replay history (prototype)

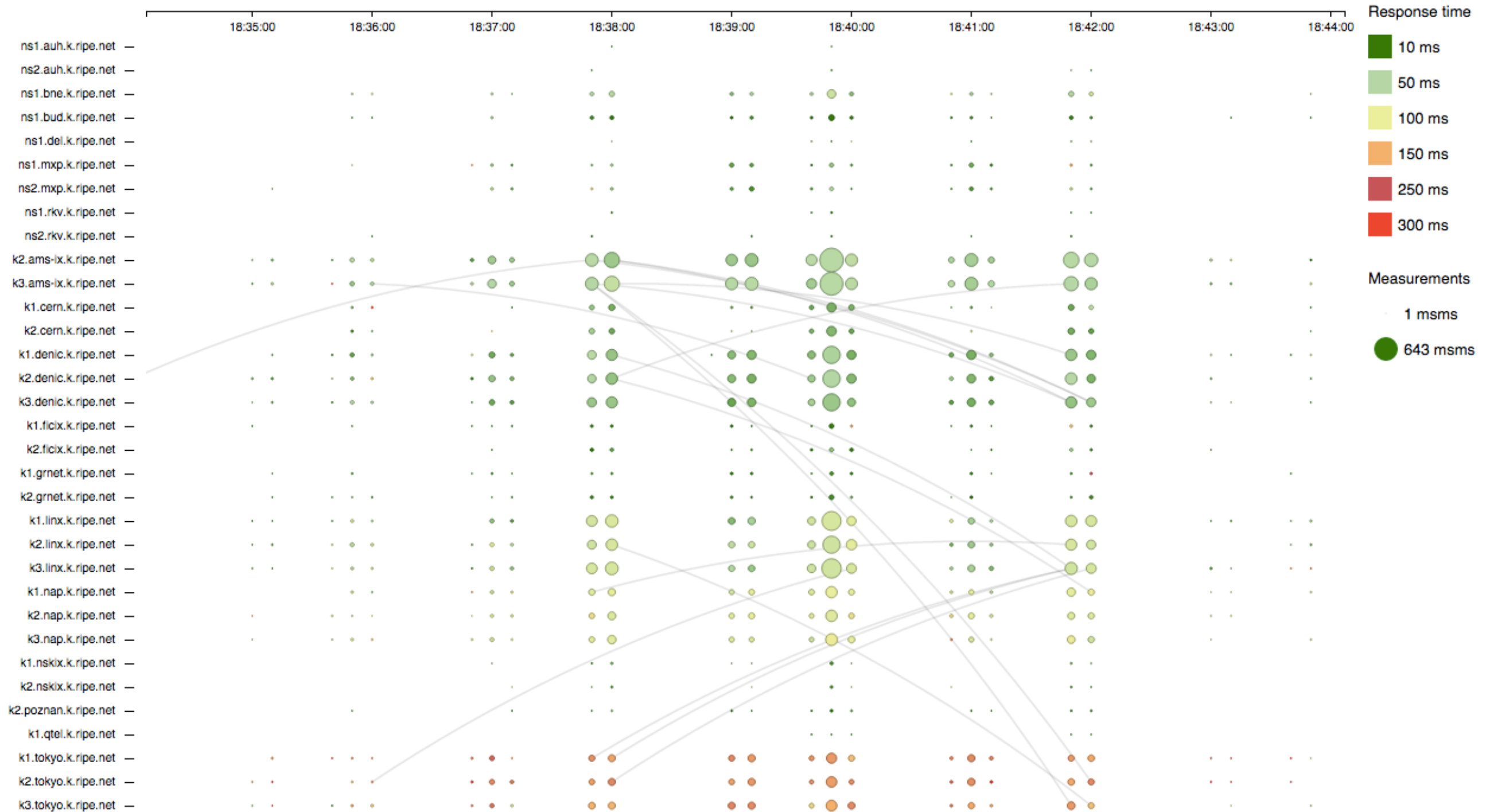


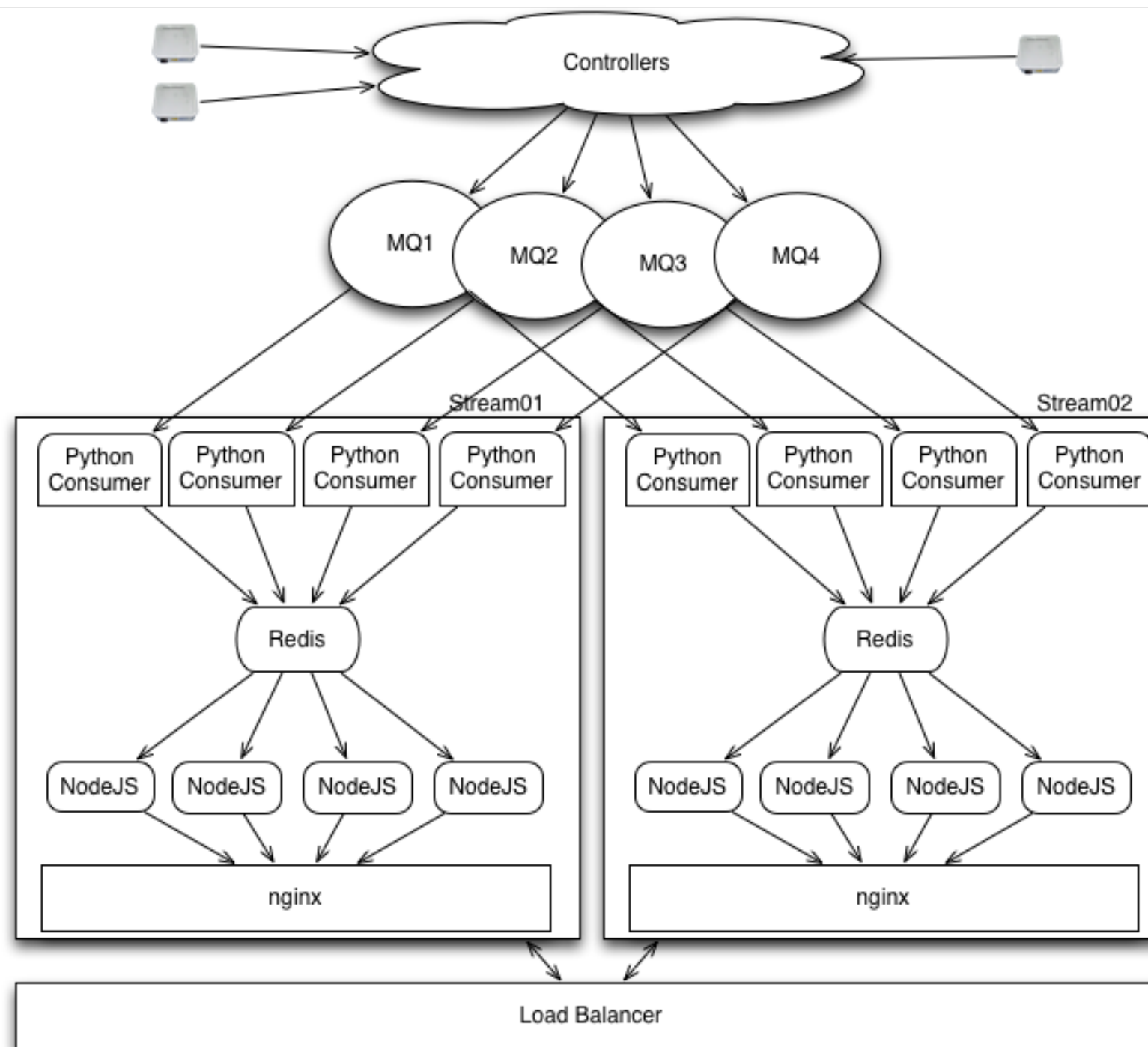
Probe connection events

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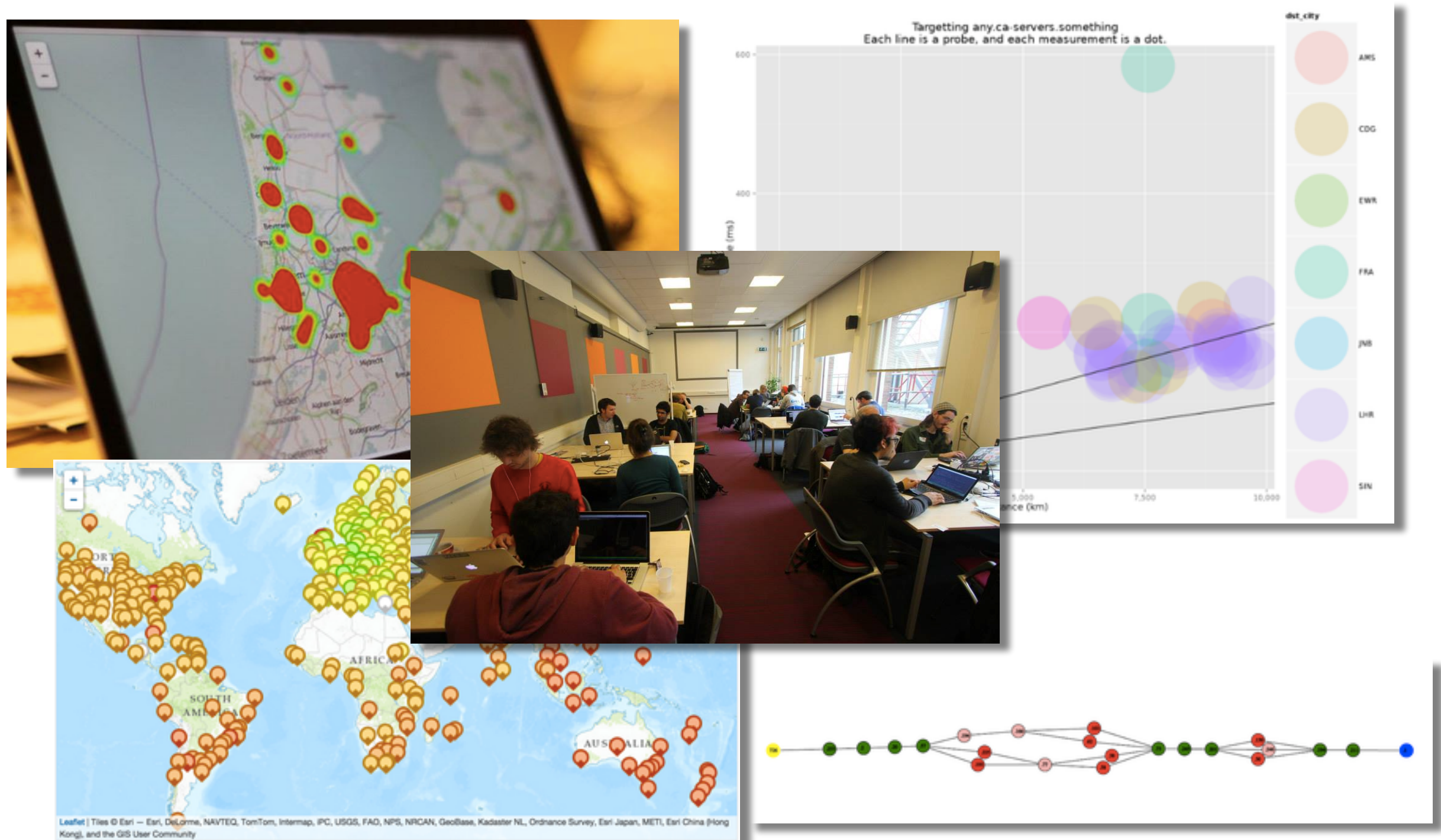


DNS Root server results





Possible client: a browser with socket.io and five lines of JS code



<https://labs.ripe.net/Members/becha/ripe-atlas-hackathon-results>

- Take part on GitHub
 - <https://github.com/RIPE-NCC/>
 - <https://github.com/RIPE-Atlas-Community/>
- RIPE Atlas streaming documentation
 - <https://atlas.ripe.net/docs/result-streaming/>
- Roadmaps:
 - <http://roadmap.ripe.net/>



- RIPE Atlas: <https://atlas.ripe.net>
 - atlas@ripe.net
- RIPEstat: <https://stat.ripe.net>
 - stat@ripe.net
- On Twitter
 - @RIPE_Atlas, #RIPEAtlas & #RIPEstat
- On RIPE Labs: <https://labs.ripe.net>

