

# Highlights of RIPE NCC Tools

RIPE Atlas, RIPEstat and the Website  
Dashboard



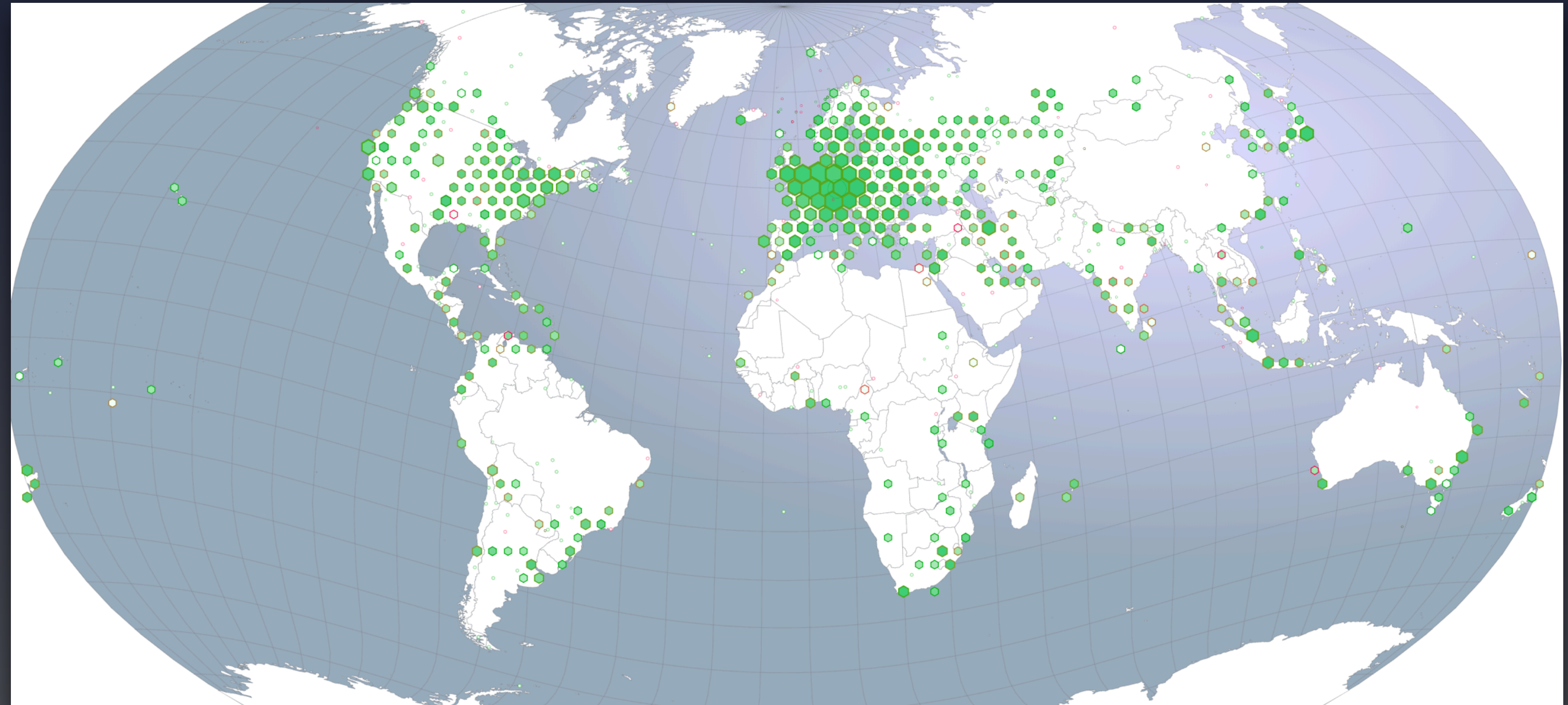
**RIPE Atlas**

[atlas.ripe.net](https://atlas.ripe.net)

# RIPE Atlas



- 10523 probes
- CZ: 255
- SK: 48
- 500 anchors
- CZ: 8
- SK: 2



**We are looking for sponsors for RIPE Atlas!**

[atlas.ripe.net/get-involved/become-a-sponsor/](https://atlas.ripe.net/get-involved/become-a-sponsor/)



# RIPE Atlas VM Anchors



- 94 anchors are VMs
- Cloud VMs: Amazon, Google upcoming
- Apply:  
<https://atlas.ripe.net/get-involved/become-an-anchor-host/>
- More about RIPE Atlas VM anchors:  
[https://labs.ripe.net/Members/alun\\_davies/announcing-ripe-atlas-vm-anchors](https://labs.ripe.net/Members/alun_davies/announcing-ripe-atlas-vm-anchors)

## Amazon Web Services

General Network Built-ins UDMs

### General Information

Id	6460
Architecture	centos
Firmware Version	4970
Router Type	None
Shared Publicly	Yes

### User Tags

System Tags

Anchor

Resolves A Correctly

Resolves AAAA Correctly

IPv4 Works

IPv6 Works

IPv4 Capable

IPv6 Capable

IPv4 RFC1918

IPv6 Stable 1d

IPv4 Stable 90d

IPv6 Stable 90d

IPv4 Stable 1d

Virtual

### Connection & Traffic

No data available for Probe # 6460 for this time period

zoom out

### Connected Time

3 weeks, 3 days

April

May

# Measurement UI Revamp



- 100% API-backed
- API performance and functionality improvements enabled soon

Settings & Status	Latest Results	Map	Downloads
Overview	one-off IPv4 Ping "Ping measurement to 1.1.1.1" id 21693860		
Target	1.1.1.1		
Ping Specific Settings	PACKETS: 3, SIZE: 48		
Status & Timing	SCHEDULED from 2019-05-24T13:45:49Z		
Probes	10 Requested / 4 Actually Participating		
Tags & Projects			
Ownership & Costs	Public		

[labs.ripe.net/Members/jasper\\_den\\_hertog/new-design-and-functionality-for-the-ripe-atlas-measurement-detail-page](https://labs.ripe.net/Members/jasper_den_hertog/new-design-and-functionality-for-the-ripe-atlas-measurement-detail-page)

# Software Probes



- Beta testing over the summer
- Preparing the infrastructure
- Security review
- Can you help us package?
- Are you interested in deploying?
- Fill in the survey!  
[www.ripe.net/participate/forms/apply/atlas-probes/](http://www.ripe.net/participate/forms/apply/atlas-probes/)

# Also...



- DNS cookie support (API-only)
- Version 4 probe stock low, more coming soon
- Concluding most recent independent security review
- Working on RIPE Atlas data in the cloud, Google BigQuery
- Working on CDN support



**RIPEstat**

[stat.ripe.net](https://stat.ripe.net)



# RIPEstat

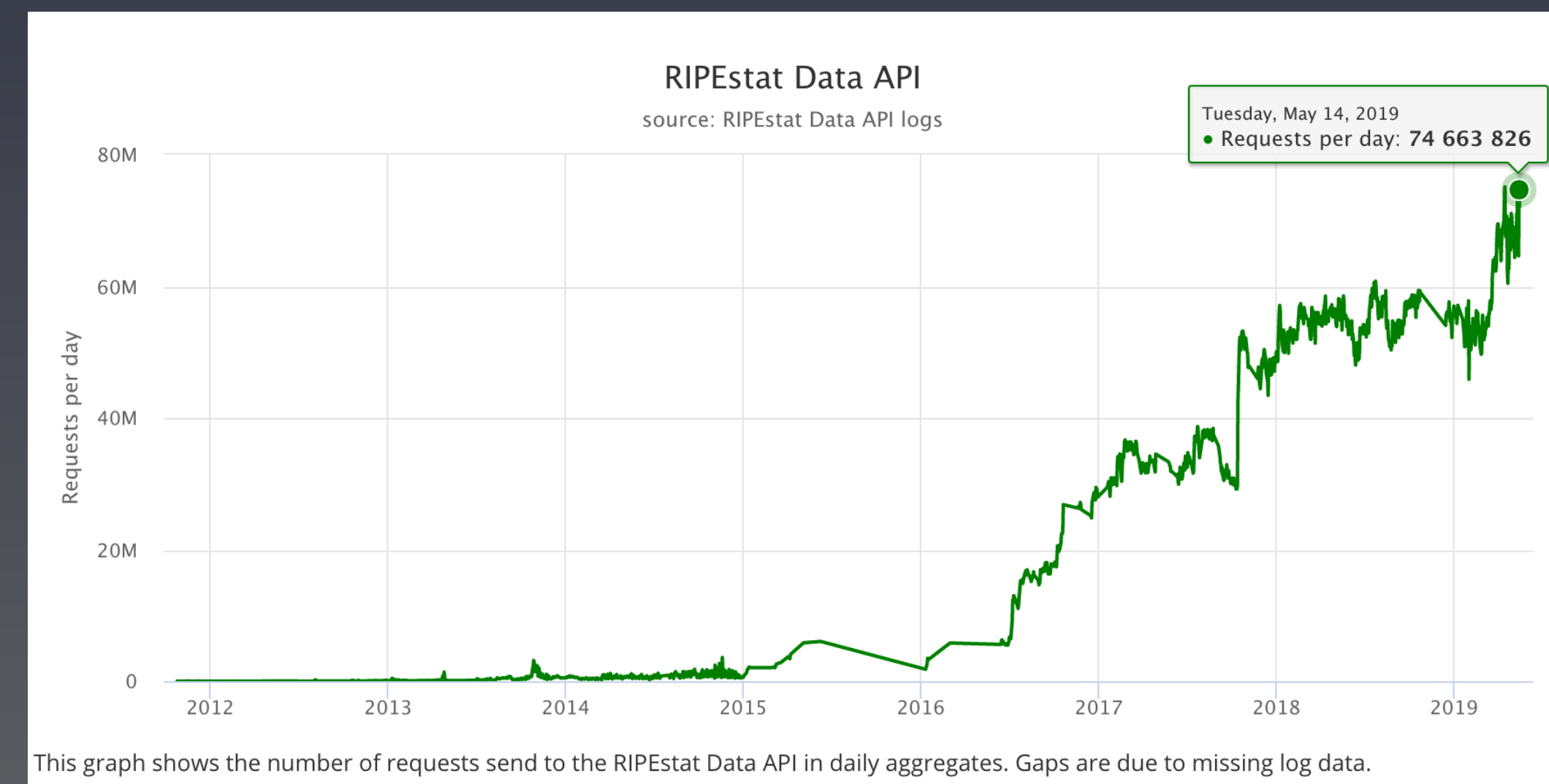


- Open Data platform and large-scale information service
- 25+ data sources
- Data API
- Widget API
- 70+ million daily requests

**RIPEstat**

Go

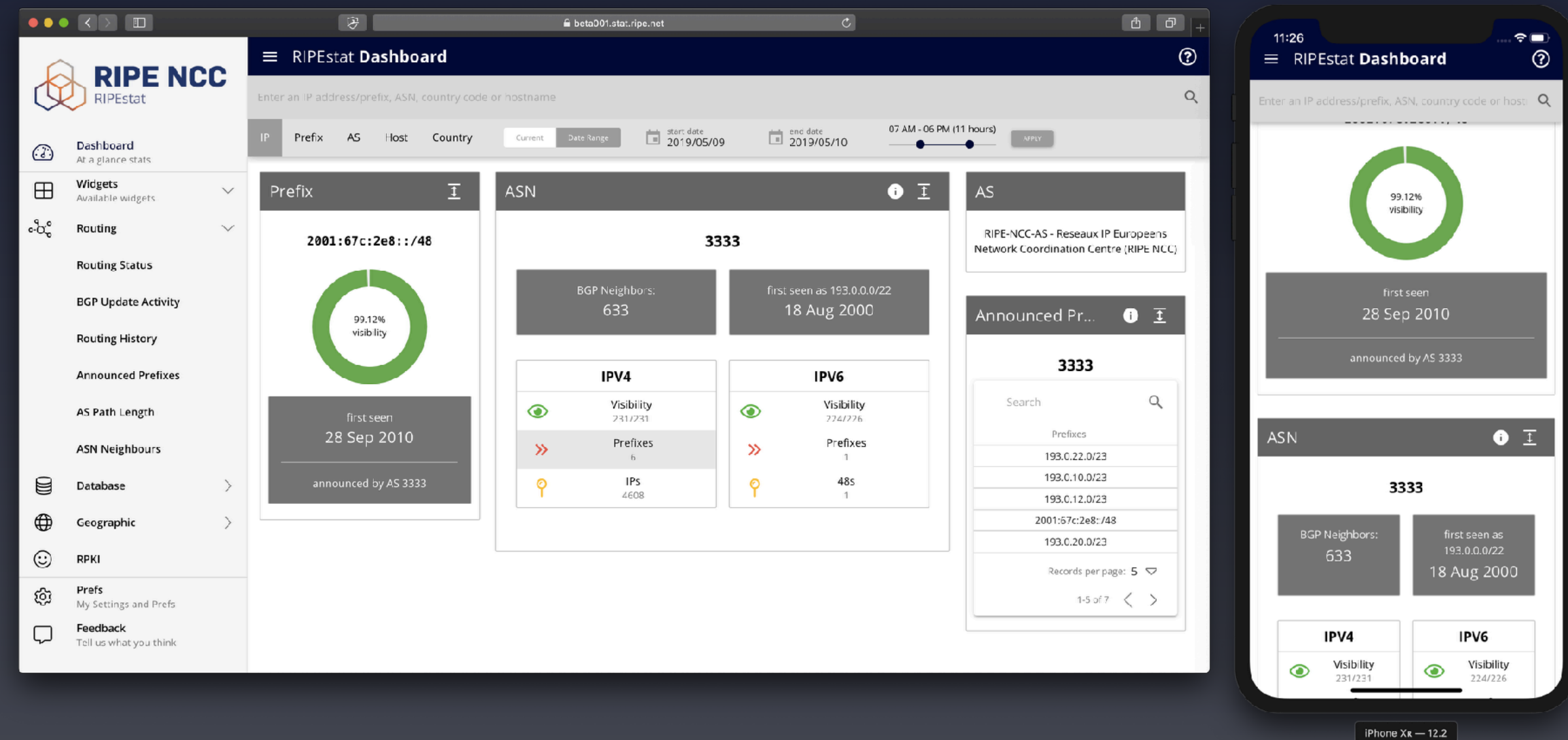
Your network: [AS3333](#), [2001:67c:2e8::/48](#) Try one of these: [IPv4 prefix](#), [IPv4 range](#), [IPv6](#), [ASN](#)



# RIPEstat Updates



- New UI Concept



- [https://labs.ripe.net/Members/stephen\\_suess\\_1/ripestat-next-generation-ui](https://labs.ripe.net/Members/stephen_suess_1/ripestat-next-generation-ui)

# RIPEstat Updates



- RPKI Validation support

Prefixes Imports Exports				
Show 10 entries Search:				
Prefix	In RIS	RIPE IRR	Other IRRs	RPKI
193.0.0.0/21	yes	yes	no	😊
193.0.10.0/23	yes	yes	no	😊
193.0.12.0/23	yes	yes	no	😊
193.0.18.0/23	yes	yes	no	😊
193.0.20.0/23	yes	yes	no	😊
193.0.22.0/23	yes	yes	no	😊
2001:67c:2e8::/48	yes	yes	no	😊

This prefix is announced by:

AS3333 - RPKI Status: 😊  
"RIPE-NCC-AS - Reseaux IP Europeens  
Network Coordination Centre (RIPE NCC)"

RIR information:


Resource	RIR	Country
193.0.0.0/20	RIPE NCC	NL

Show IANA Registry Information



# My Dashboard

[www.ripe.net](http://www.ripe.net)



**RIPE NCC**  
RIPE NETWORK COORDINATION CENTRE

RIPE Database (Whois)

Website

Ihor Marhitych

Search IP Address or ASN

Your IP address is:

2001:67c:2e8:9::c100:14e6

Manage IPs and ASNs

Analyse

Participate

Get Support

Publications

About Us


Celebrating 30 years of the RIPE community

#RIPEturns30


30

RIPE


1989 / / / 2019




My Resources



Become a Member



Report Hacking and Spamming



What is an IP Address?

Get To Know Us

Our Services

A to Z

RIPE Community

My Dashboard

Latest RIPE Documents

RIPE NCC Financial Report 2018

Created: a month ago

RIPE NCC Annual Report 2018

Created: a month ago

RIPE NCC Services for Legacy Internet Resources of RIPE NCC Members Terms and Conditions

Created: 2 months ago

Closure of Members, Deregistration of Internet Resources and Legacy Internet Resources

Created: 2 months ago

RIPE NCC Report: Law Enforcement Agency Requests 2018

Created: 2 months ago

Latest Policy Proposals

BGP Hijacking is a RIPE Policy Violation

Discussion Phase: Document is Drafted

IPv4 Waiting List Implementation

Review Phase: Open for Discussion

Clarification of Definition for "ASSIGNED PA"

Concluding Phase: Last Call

RIPE NCC IRR Database Non-Authoritative Route Object Clean-up

Discussion Phase: Awaiting Decision from Proposer

Publication of Legal Address of Internet Number Resource Holders

Withdrawn

PDP

Upcoming RIPE NCC Organised Events

RIPE 78

Reykjavík, Iceland

RIPE NCC General Meeting, Reykjavik, 22 - 24 May 2019

Reykjavik, Iceland

ENOG 16 / RIPE NCC Regional Meeting

Tbilisi, Georgia

RIPE NCC Regional Meeting Kyiv

Kyiv, Ukraine

RIPE 79

Rotterdam, The Netherlands

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# My Dashboard



- Bring more dynamic content to the landing page
- Multiple data sources
- Uses existing SSO account
- 1700 users (1100 RIPE NCC members)
- 2000 widgets

# Enabling the Dashboard



Celebrating **30 years** of the RIPE community



My Resources



Become a Member



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Spamming



What is an IP Address?

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My Dashboard

By clicking **I understand and agree with the terms of My Dashboard** you will activate your dashboard where you may set up your preferred dashboard widgets and bookmarks.

Your preferred dashboard widgets and bookmarks will either expose links on the your dashboard to the relevant webpage or will display current relevant data from a data source (this includes data from a service account, e.g. RIPE Atlas account). Apart from your preferred dashboard widgets and bookmarks, no personal or other data will be stored on the dashboard.

Based on your preferred dashboard widgets and bookmarks, we may display relevant content for you on your dashboard. We will not use your preferences for any other purposes.

You can delete or amend your preferred dashboard widgets and bookmarks at any time. After deletion of your dashboard no data will be stored.

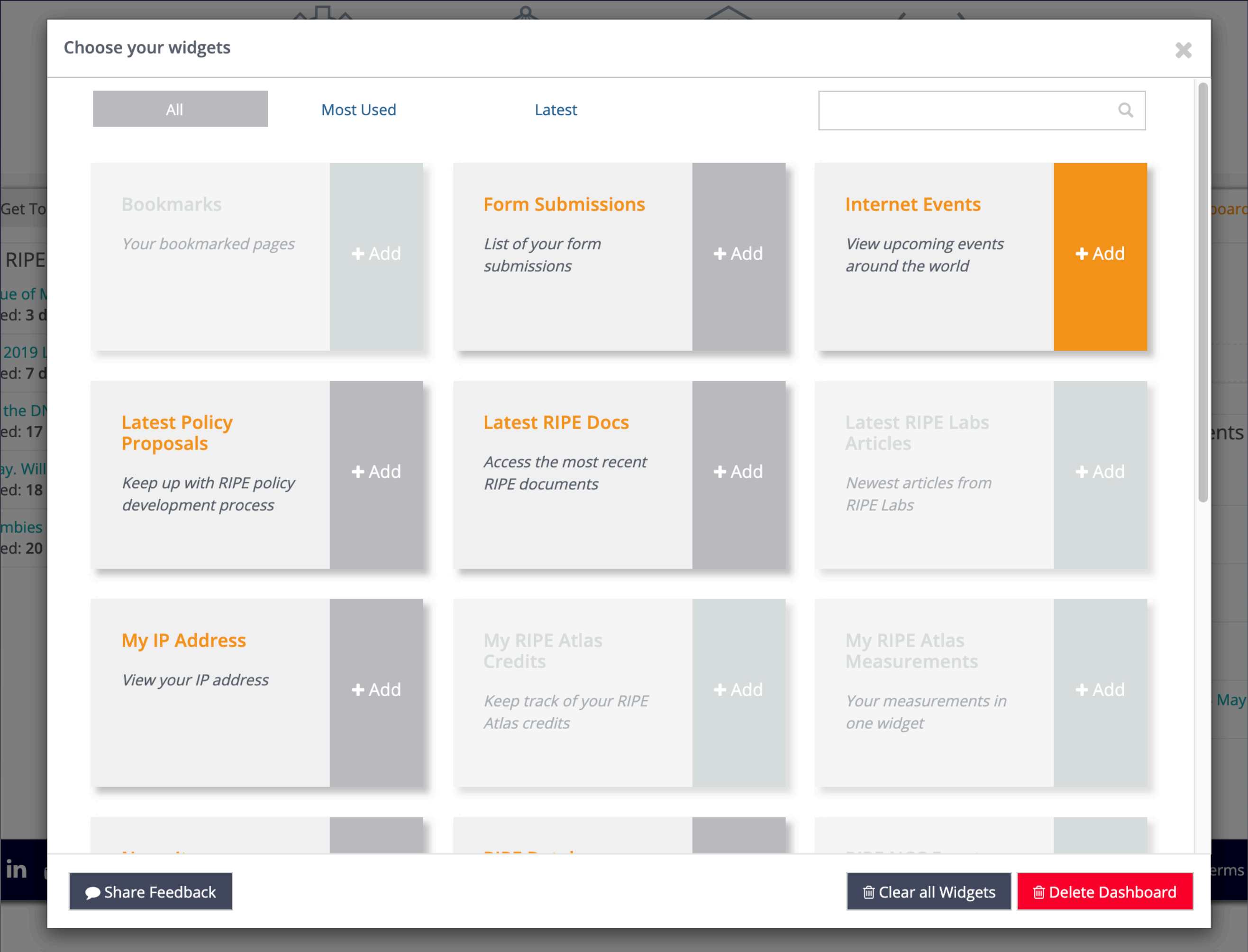
The RIPE NCC Website and Publicly Available RIPE NCC Services Terms of Service shall apply to the use of the My Dashboard view. For the use of services available through dashboard widgets, the relevant Terms and Conditions of the services apply.

I understand and agree with the terms of the Custom Homepage



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# Manage the Dashboard

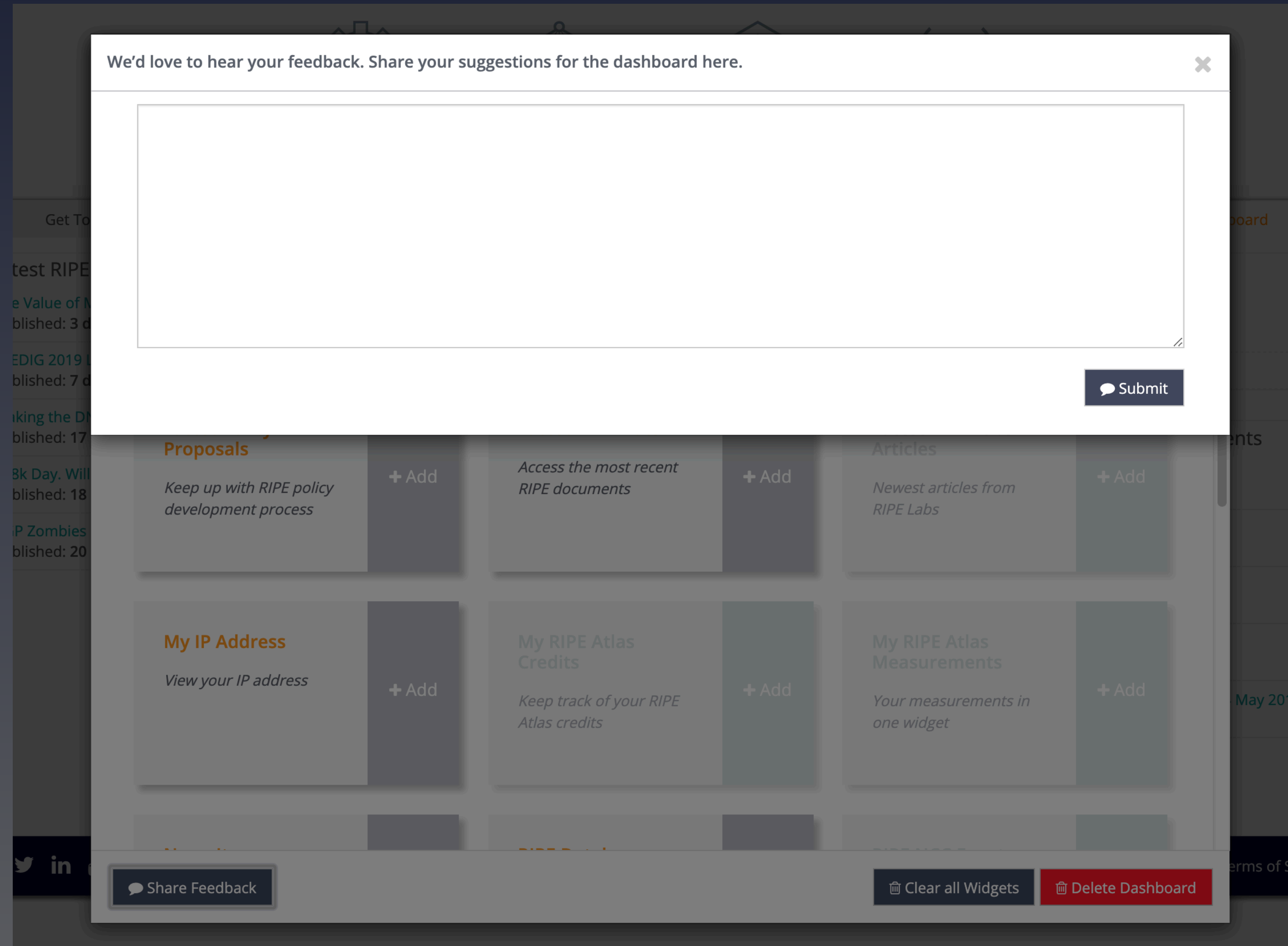


# Future Plans



- More data sources
- Drag and Drop
- Mobile design
- Live reload
- Push notifications

# Feedback







# Questions



[fholop@ripe.net](mailto:fholop@ripe.net)

[www.ripe.net/survey](http://www.ripe.net/survey)