



RIPE NCC
RIPE NETWORK COORDINATION CENTRE

RIPE NCC Update: A Year at the Helm

Hans Petter Holen
Managing Director, RIPE NCC

Life in Lockdown

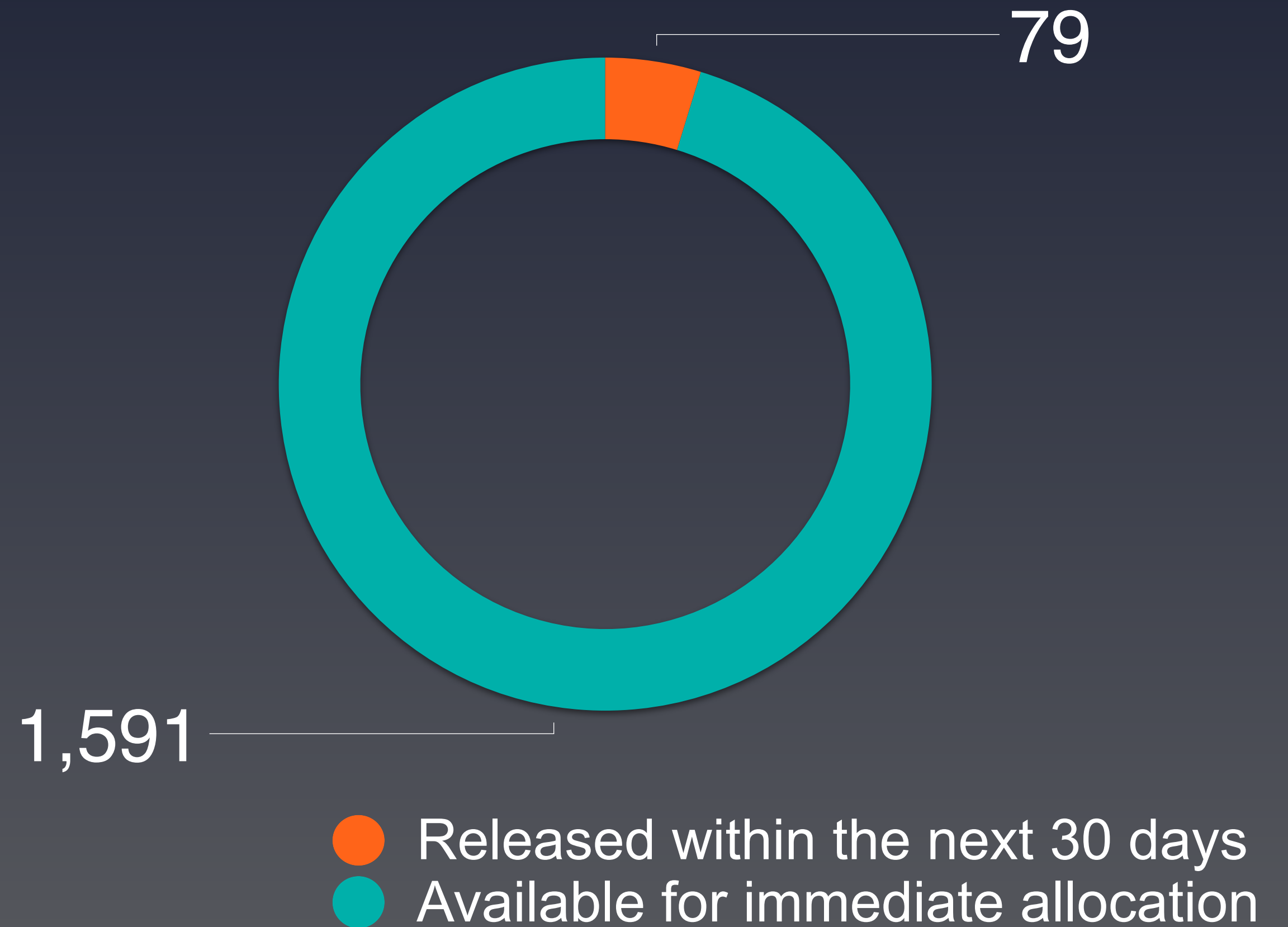


- COVID-19 has tested the resilience of Internet
- It's working great technically
- We sorely miss human interaction - hope to see you in-person soon!

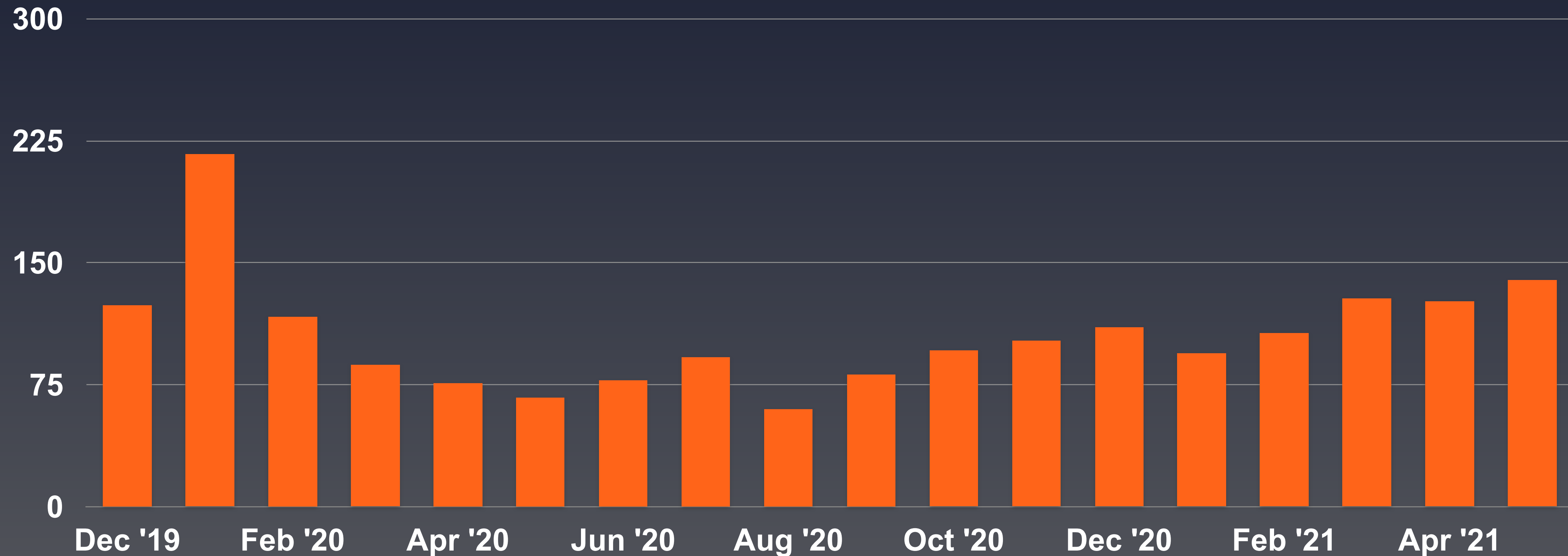
Life After IPv4 Run Out



- Average time on the IPv4 Waiting List is consistently below one day
- We currently have 1,591 /24 allocations in our free pool
- As this is recycled space, it stays in quarantine for six months
- The pool changes daily, deregistered IPv4 space gets added to it



IPv4 Allocations via the Waiting List



1,901 LIRs have received an IPv4 /24 allocation

Outreach in the ENOG Region



- RIPE NCC Open House in Georgia
- Roundtable Meeting for Governments (Eastern Europe, Caucasus and Central Asia)
- Internet Measurement Day in Armenia (with ICANN)
- Virtual Peering Series - Central Asia (with ISOC)
- Supporting the Internet Governance Council of Armenia
- Support to local NOG meetings and national IGFs

RIPE 82 Takeaways



- 1,172 registered attendees from 95 countries
- Third fully-virtual RIPE Meeting
 - Improved conference platform (Meetecho) with Q&A included
 - SpatialChat helped to facilitate casual chats
- RIPE Code of Conduct was discussed at the meeting
 - A new draft will be soon published by the CoC TF
- RIPE Database Requirements Task Force
 - Their final draft was postponed after receiving community feedback and will be published before RIPE 83

Voting Results: GM May 2021



- RIPE NCC Executive Board Election:
 - Job Snijders
 - Piotr Strzyżewski (re-elected)
- Three resolutions were approved by the membership:
 - The General Meeting adopts the RIPE NCC Financial Report 2020
 - The General Meeting discharges the Executive Board with regard to its actions as they appear from the Annual Report 2020 and Financial Report 2020
 - The General Meeting approves the adoption of the RIPE NCC Charging Scheme 2022
- The voting report is available:
 - <https://www.ripe.net/participate/meetings/gm/meetings/may-2021/voting-report>



Regulatory Impact

Regulatory Impact



- Pressure from legislative changes across our service region
- Concerns about our ability to provide services to all RIPE NCC members on an equal basis
- Project to identify regulatory scenarios and plan for contingencies - recently started coordinating efforts with the other RIRs
- Any contingency plan will adhere to the principles that:
 - The RIR system is essential for the stability of the global Internet
 - The RIPE Database and the other RIR databases are the authoritative source to determine uniqueness of Internet number resources
 - All RIPE NCC members should be able to access our services equally

<https://labs.ripe.net/author/athina/caught-in-the-middle-regulatory-impact-and-our-mission-as-the-ripe-ncc/>

Sanctions Update



- The Dutch Ministry of Foreign Affairs confirmed that our compliance measures are sufficient
 - Sanctioned RIPE NCC Members' registration of resources remains frozen
- We keep refining our monitoring process
- Talks with our banks are ongoing - they have their own compliance obligations
 - Invoicing for members in Iran and Syria has been delayed pending clarity from our banks



What We're Working on From Home

Ongoing Efforts



- Moving services to the cloud
- RPKI resiliency
- Registry accuracy
- Security and compliance
- Improving user experience across services
- Virtual outreach and engagement
 - Planning for hybrid events when possible
 - Working towards including more translated content
- Further developing e-learning and certifications
- Activity Plan and Budget 2022 and Five Year Strategy Plan

Our Cloud Strategy



- Use a structured, well-defined, security-centric approach to migrate our infrastructure to the cloud as appropriate
- Key goals:
 1. Improve the resilience of our services
 2. Become more agile and flexible as an organisation
 3. Focus engineering expertise on our core business
- We are looking into usage of cloud infrastructure for RPKI and the RIPE Database:
 - <https://ripe82.ripe.net/wp-content/uploads/presentations/73-RIPE-NCC-Operational-Update-RIPE-82.pdf>
- We are reviewing community feedback from RIPE 82 and will be more proactive in our communications moving forward

Translation Project



- Translating content into six languages (Russian, Arabic, Turkish, Farsi, Spanish, Italian)
- The first content will focus on membership aspects
 - How to become a member, requesting resources, billing and payments, etc.
- Plan to have the first phase of the project ready by RIPE 83

Keep Learning with Us (virtually)



- Over 2,000 webinar participants last year
- All our training courses are now also available as webinars
- The RIPE NCC Academy has a new Microlearning section
 - Updated version of the IPv6 online course will go live soon
 - IPv6 Security online course will launch in the coming weeks
- RIPE NCC Certified Professionals: IPv6 Security Expert exam will go live this summer



Improving Your Experience



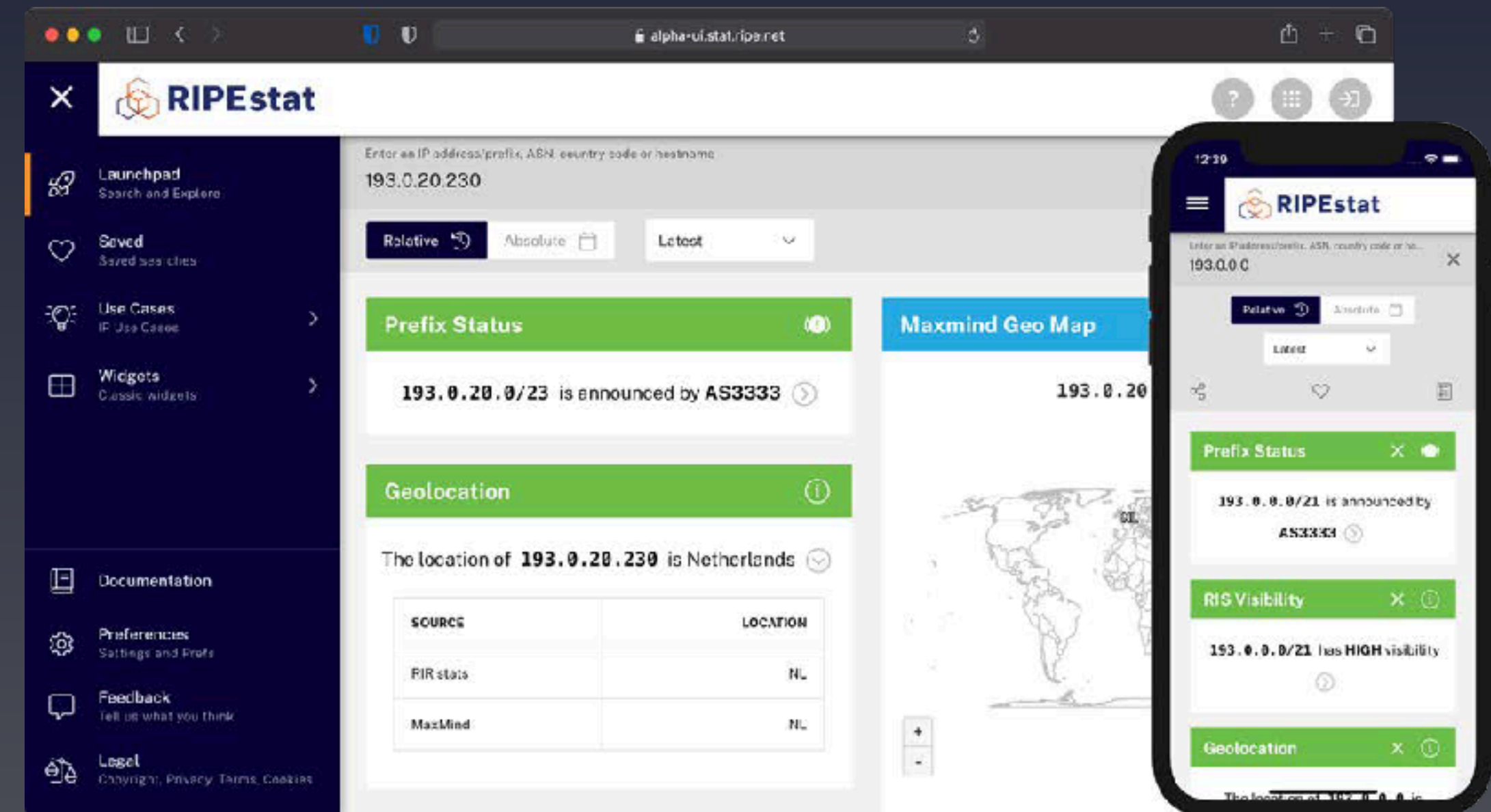
- Standardising the user interface across our services and platforms
- New UIs for:
 - LIR Portal
 - RIPE Database
 - RIPEstat
 - RIPE Atlas
 - RIPE Labs

The screenshot shows the RIPE Database Query interface. The top navigation bar includes the RIPE Database logo and a user profile icon. The left sidebar contains a menu with categories: My LIR (LIR Account, Billing, Users, General Meeting, Training), Requests (Tickets, Resources, Updates, Transfers), Resources (My Resources, Sponsored Resources), RIPE Database (Query the RIPE Database, Full Text Search, Syncupdates, Create an Object), RPKI (RPKI Dashboard), Documentation, Feedback/Support, and Legal (Copyright, Privacy, Terms and Cookies). The main content area is titled 'RIPE Database Query' and shows 'You are editing Example Internet Provider 1'. It features a search box, checkboxes for 'Show full object details?' and 'Do not retrieve related objects?' (checked), and a note about searching up to five terms. Below are tabs for 'Sources', 'Types', 'Hierarchy flags', and 'Inverse lookup'. There are also radio buttons for 'Search resource objects in all available databases?' and 'Search RIPE Database only' (selected). A 'Search' button is at the bottom right.

RIPEstat Celebrates 10 Years



- Collaborated with AFRINIC to support the creation of AIRRS (built using RIPEstat's technology)
- A new UI that is mobile-friendly, customisable and translation-ready
- Insights are easier to share



Take a Look at the New RIPE Labs



- Improved interface and new features
- Contribute to discussions
- Share your ideas, opinions, best practices and case-studies

The screenshot shows the RIPE Labs website with a dark blue header. The main content area features a featured article titled "An Eventful Ten Years in RIPEstat" by Alun Davies, with a "Read article" button and social sharing icons. Below this is a navigation bar with categories like "Network Operations" and "Measurements and Statistics". The main body is divided into "Latest articles" and "Editor's Pick" sections, each displaying article thumbnails, titles, authors, and dates.

Featured article

An Eventful Ten Years in RIPEstat

ripestat

Alun Davies
Based in Amsterdam

Read article 145 ❤️ 0 💬 🔗 📖

Explore Categories: Network Operations Measurements and Statistics Internet Governance Technology and Innovation Co... View all

Latest articles

- RIPE Community Resilience: SYN-ACK, Boundaries and Doing Less**
community ripe covid19 diversity
Vesna Manojlovic • 23 Apr 2021
- Artificial Intelligence and Policy-Making Developments – Council of Europe’s CAHAI**
policy legal +1

Editor's Pick

- Does The Internet Route Around Damage? - Edition 2021**
Emile Aben
14 Apr 2021
- Measuring DNS over TLS from the Edge: Adoption, Reliability and Response Times**
DoT...
Trinh Viet Doan
29 Mar 2021

RIPE NCC Community Projects Fund



- Over 25 projects funded for the ‘good of the Internet’ so far
- Funding of €250,000 to support projects of value to the operation, resilience and sustainability of the Internet
- A focus on tools and services benefitting the technical community
- The call for applications will open shortly
- Funding recipients will be announced in October

<https://www.ripe.net/support/cpf>



**Share Your
Feedback**

How to Share Your Feedback



- Email:
 - discuss@enog.org
 - ripe-list@ripe.net
 - members-discuss@ripe.net (members only)
- Social Media:
 - Twitter (@ripencc)
 - Facebook
 - LinkedIn



Questions



hph@ripe.net
[@hpholen](https://twitter.com/hpholen)