



RIPE NCC
RIPE NETWORK COORDINATION CENTRE

RIPE NCC Update

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Plans for the Year Ahead

- Our Activity Plan and Budget 2023 is now online:

<https://www.ripe.net/publications/docs/ripe-786>

- Aligns with our Five-Year Strategy published in December 2021:

<https://www.ripe.net/publications/news/announcements/ripe-ncc-strategy-2022-2026-published>



Priorities for 2023



- Be resilient in the face of political, legislative and regulatory changes that have the potential to affect our operations
- Secure Internet number resources by developing and operating a resilient, externally auditable and secure Resource Certification Trust Anchor and promote RPKI usage
- Be a centre of excellence for data, measurements and tools that provide insight on the Internet and its operations
- Maintain necessary levels of security and compliance with best practices and applicable regulations
- Maintain a healthy organisational culture with engaged staff aligned with the organisational values



**What we've been
working on**



Registry

- Number of LIRs on IPv4 Waiting List is growing (1,093 as of 4 April)
 - <https://www.ripe.net/manage-ips-and-asns/ipv4/ipv4-waiting-list>
- We have strengthened our compliance and due diligence efforts
 - Automated sanctions checks
 - Enhanced due diligence, e.g. requesting notarisation
- Extra attention to our members in distressed areas
 - Supporting members in Ukraine, Turkey, Syria

RPKI Update



- RPKI is one of our main focus areas for 2023
- Our four goals for the year are:
 - Improve resilience through better geographic distribution
 - Improve the user experience through new UI
 - Enhance compliance by undertaking an ISAE3000 audit and publishing our findings
 - Work with other RIRs for more unified maintenance of RPKI data
- We plan to launch “Publish in Parent” soon to provide more resilience to the RPKI ecosystem

E-learning and Certification



- RIPE NCC Certified Professionals: BGP Security Associate exam is now live
- RIPE NCC Academy has new content:
 - IPv6 Fundamentals e-learning course
 - BGP Security e-learning course
 - Internet Governance e-learning course
 - ‘Why RPKI?’ microlearning course



RIPE Atlas



- Building a better network:
 - We have more than 11,900 probes spread out across 5,500+ ASNs in 170 countries
 - We have begun distributing new version five hardware probes to maintain the network
- Improved sponsorship model:
 - Our goal is to cover at least the top five ASNs from all underrepresented regions
 - We have improved our sponsorship packages with more benefits, exposure and incentives

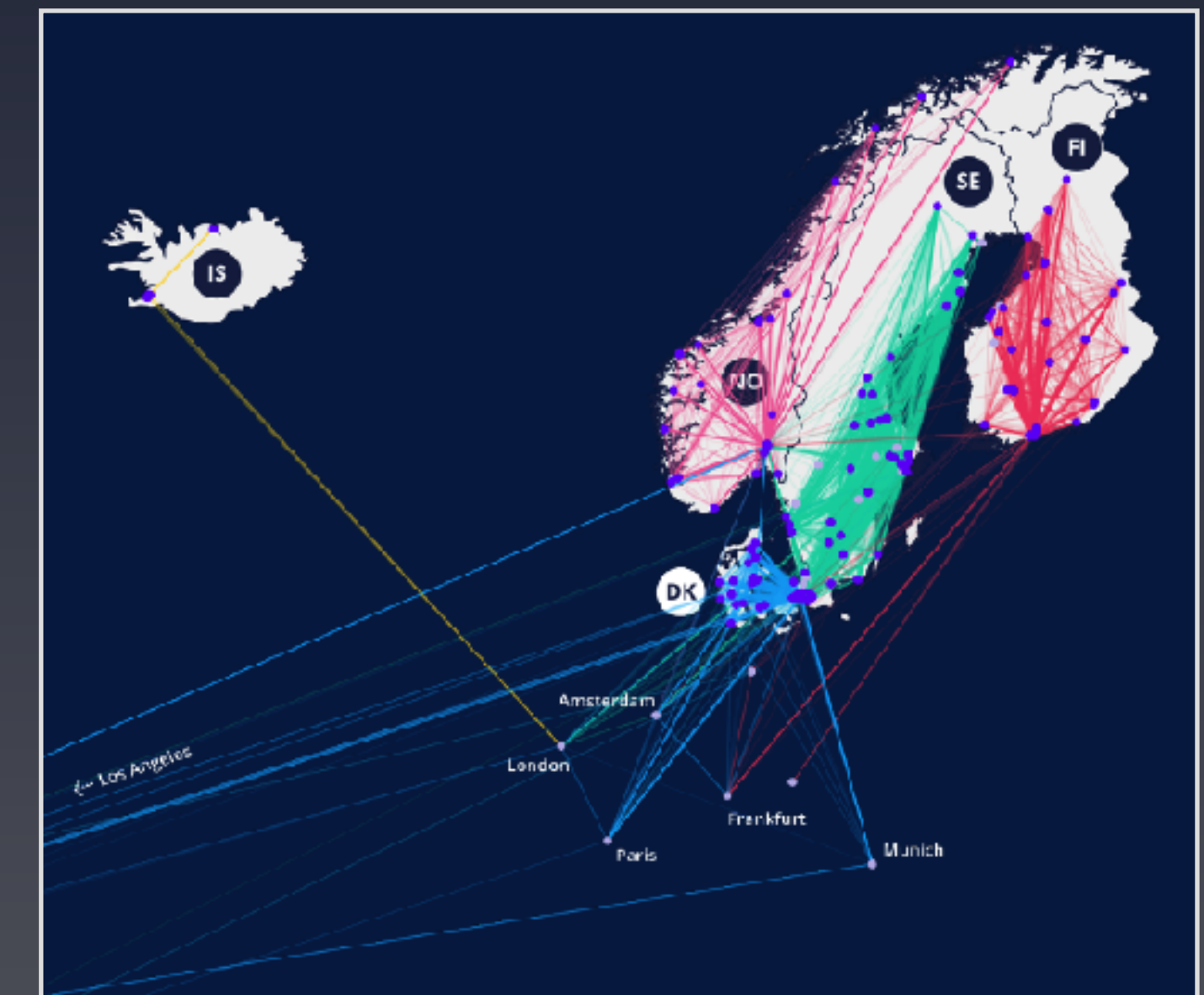


<https://atlas.ripe.net/get-involved/become-a-sponsor/>

Internet Country Reports



- Two reports in 2022
 - Bulgaria, Moldova and Romania
 - The Nordic Region
- Analyse the Internet landscape in each region
 - Market landscape, competition, potential for growth
 - Address space, transfers, IPv6 deployment
 - Routing, traffic exchange and routing security
 - Domestic and international connectivity
 - Access to the DNS



RIPE Labs



- Ideas and perspectives from RIPE NCC staff and the wider RIPE community
- Over 18,000 monthly readers
- Launched a podcast in 2022
- Topics include network operations, measurements and statistics, Internet governance and more

The screenshot displays a LinkedIn feed with three posts. The first post, by Leo Vegoda (30 Jan 2023), is titled "IPv6 Policy Is a Community Self-Governance Success Story" and discusses the evolution of IPv6 policy. The second post, by Youth IGF (26 Jan 2023), is titled "ITU and Digital Impact on Everyday Life - A Conversation with Tomas Lamanuskas" and features a video thumbnail of Tomas Lamanuskas. The third post, by Alex Band (24 Jan 2023), is titled "Running Krill Under RIPE NCC" and includes a red Krill logo. Each post shows engagement metrics like hearts, comments, and shares.

IPv6 Policy Is a Community Self-Governance Success Story
Leo Vegoda · 30 Jan 2023
IPv6 policy has gone through many refinements since it was first adopted by the RIRs 20 years ago. Is it time for a more significant change? Join the RIPE Address Policy Working Group in conversation on the next phase of IPv6 policy.
ripe ipv6 events +1 32 hearts 0 comments

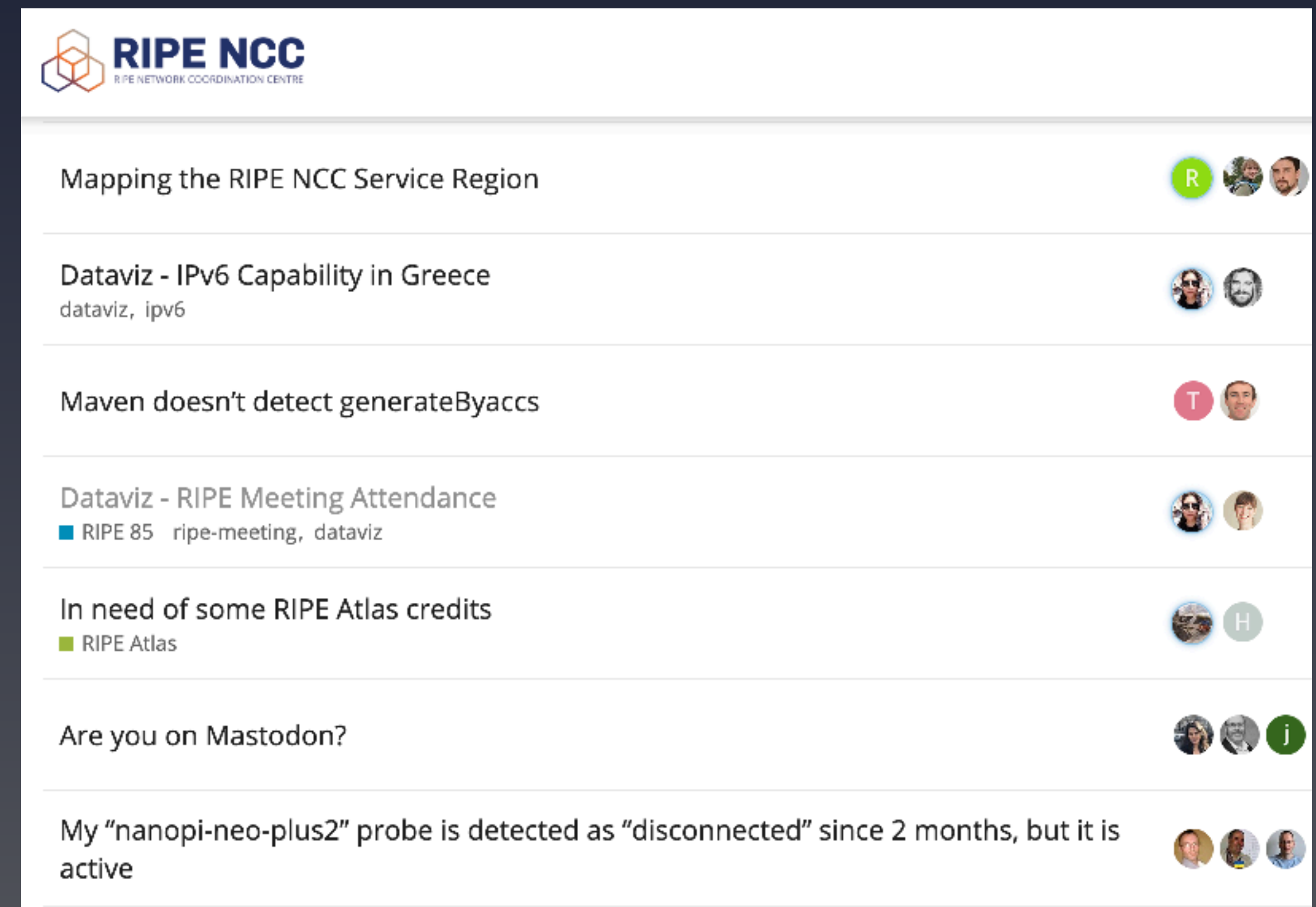
ITU and Digital Impact on Everyday Life - A Conversation with Tomas Lamanuskas
Youth IGF · 26 Jan 2023
In conversation with Youth IGF leaders from across the world, Tomas Lamanuskas - Deputy Secretary General of the ITU - heard young people's input on his three main priorities: connectivity, sustainability and cooperation with partners to make the ITU an organisation fit for the times we live in.
governance sustainability 16 hearts 0 comments

Running Krill Under RIPE NCC
Alex Band · 24 Jan 2023
Krill is a free, open source RPKI Certificate Authority from NLnet Labs that lets you run delegated RPKI under one or multiple RIRs. In this article, we provide a comprehensive, step-by-step guide on how you can run Krill under the RIPE NCC.
rpk tools 31 hearts 0 comments

RIPE NCC Forum



- Our new platform for engaging with members
- A place for informal discussions, building connections, quick questions and technical support
- Open to all, accessible without an account



Language Support



- New translation wiki: <https://translated.ripe.net/>
- Languages: Turkish, Farsi, Spanish, Italian, Russian and Arabic
- Initial focus on practical information for members
- Also translating some of our published materials, such as our Internet Country Reports

The screenshot shows the RIPE NCC translation wiki interface. The page title is 'كيف تصبح عضواً' (How to become a member) in Arabic. The page is a translated version of the 'How to Become a Member' page, with a 100% completion rate. The interface includes a navigation bar with 'English', 'Talk', 'Preferences', 'Watchlist', 'Contributions', and 'Log out'. A search bar is present with the text 'Search RIPE NCC'. The page content is in Arabic and includes a table of contents with the following items:

- ١ كُن عضواً
- ٢ هل عضوية RIPE NCC مناسبة لمؤسستي؟
- ٣ ما هي تكلفة أن تصبح عضواً؟
- ٤ كيف تصبح عضواً
- ٤.١ المعلومات التي ستحتاجها لـ النموذج
- ٤.٢ التقديم
- ٥ ماذا سيحدث بعد تقديم الطلب؟
- ٦ فتح حساب آخر
- ٧ لا يمكنك أن تصبح عضواً:

The main text of the page discusses the benefits of becoming a member, such as access to IPv6 addresses and participation in community activities. It also mentions the availability of training courses and the RIPE NCC certification program (RPKI).

Expanding Our Regional Outreach



- Focus on more regional outreach in the past year
- Central Asia Peering and Interconnection Forum (CAPIF)
 - Almaty, Kazakhstan
- RIPE NCC Days
 - Tashkent, Uzbekistan
- Internet Measurement Days
 - Serbia and Georgia
- Community decided to halt Eurasian Network Operators Group (ENOG) meetings, but we continue to host other events in the region

Community Projects Fund



- The RIPE NCC has a fund of €250,000 each year to support projects that work for the “Good of the Internet”
- Examples of projects we’ve funded include:
 - Internet Standards Observatory
 - ARTEMIS Lite
 - Virtual School of Internet Governance
 - RPKI Ecosystem Health Monitoring
 - Internet Health Report
- <https://www.ripe.net/support/cpf>





Join us at

RIPE 86

Rotterdam, Netherlands
22 - 26 May 2023



Questions

