

# RIPE NCC Update: Finding True North

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# RIPE and the RIPE NCC



## RIPE

- Formed in 1989
- Community
- Open to all
- Focus is on:
  - Information exchange
  - Technical coordination
  - Policy development

## RIPE NCC

- Formed in 1992
- Membership organisation
- Secretariat to the RIPE community
- One of five Regional Internet Registries (RIRs)
- Provides services
- Implements RIPE policies



# A Changing Internet Landscape

# A Changing Internet Landscape



- Accelerated by COVID-19, several forces have converged to reshape the industry in a much more profound manner
- Scarcity of IPv4 is increasing the complexity of legal challenges as organisations merge/transfer addresses, with greater potential for disputes over resources
- We predict members with multiple LIR accounts will transfer their resources/close accounts once the 24-month holding period for IPv4 expires
- Just like our members, we need to look into the services we provide and see what we will continue and what we can sunset or release back into the community



# Responding to COVID-19



- Fairly smooth transition to working from home
- Focus remains on maintaining service to our membership
- Impact has largely been on our outreach efforts - especially smaller local events and in-person training courses
- Adapted by creating more online training courses and RIPE NCC Open House events

<https://www.ripe.net/participate/meetings/open-house>



<https://labs.ripe.net/Members/fergalc/working-together-while-apart>



# **What We've Been Working On From Home**



# RIPE 81 Takeaways



- 1,224 registered attendees from 85 countries
- First RIPE Meeting for our new RIPE Chair Team
  - Mirjam Kühne (RIPE Chair) and Niall O'Reilly (RIPE Vice Chair)
- Second fully-virtual RIPE meeting
  - The Meetecho platform improved participation
  - SpatialChat helped with networking and recreating hallway chats
- New RIPE Policy Development Officer: Angela dall'Ara
- Updates in the RIPE NCC Services WG:
  - <https://ripe81.ripe.net/programme/meeting-plan/ncc-services-wg/>

# Voting Results: GM October 2020



- Four resolutions were approved by the membership:
  - Redistribution of the RIPE NCC Financial Surplus 2020
  - Implementing small change to the Articles of Association as required by Dutch law
  - Implementing recommendations of the Executive Board Election Task Force and to improve clarity about the election process (including editorial improvements)
  - Increasing the number of Executive Board members who acting jointly have the authority to represent the Association from two to four
- The voting report is available:
  - <https://www.ripe.net/participate/meetings/gm/meetings/october-2020/voting-report>



# Sanctions Update



- Discussions with the Dutch Ministry of Foreign Affairs are ongoing
- Also working with our banks, who need to be mindful of their own compliance
- We are confident in our compliance - we are also strengthening our processes and monitoring
- We are in the early stages of a project to identify long-term regulatory scenarios and plan for contingencies
- Position of our board is unchanged since 2014 resolution:
  - <https://www.ripe.net/publications/news/about-ripe-ncc-and-ripe/executive-board-resolution-on-continuity-of-services-to-all-ripe-ncc-members>

# Seizure of ‘Right to Registration’



- We recently processed our first IPv4 transfer on the basis of a Dutch court order that originated in Germany
- The order was for the seizure of ‘the right to registration of IP addresses’ for the recovery of money
- It was understood that the resources were not *owned* by the member and rather that it was the *right to the registration* which was seized
- The terms of the auction included that RIPE NCC procedures must be followed by any prospective buyer

[https://labs.ripe.net/Members/ciaran\\_byrne/seizure-of-the-right-to-registration-of-ipv4-addresses](https://labs.ripe.net/Members/ciaran_byrne/seizure-of-the-right-to-registration-of-ipv4-addresses)

# Retiring the RPKI Validator



- We plan to decommission the RIPE NCC RPKI validator
- Many alternatives are now available (e.g. Routinator, FORT)
- Consistent with feedback from members and wider community
- Goal is to strengthen our focus on maintaining a secure, stable and resilient RPKI Certificate Authority
- We have agreed on the following timeline:
  - 1 January 2021: stop implementing new features
  - 1 March 2021: stop implementing new RFCs and RIR policies
  - 1 July 2021: archive the RPKI Validator

# Regional Outreach



- Virtual Member Lunches
  - For UA, BY, RU
- RIPE NCC Open House (hosted in Russian and English)
  - For KZ, RU, MK and soon for GE
- Central Asia Internet Country Report
  - In-depth analysis of the Internet landscape in five countries:  
[https://labs.ripe.net/Members/suzanne\\_taylor\\_muzzin/ripe-ncc-internet-country-report-central-asia](https://labs.ripe.net/Members/suzanne_taylor_muzzin/ripe-ncc-internet-country-report-central-asia)
- Good participation and feedback from local communities



# 2019 Survey Actions



- 2019 survey in eight languages, received over 4,000 responses
- This was used to develop 36 key findings
- We published over 100 actions we've taken so far to address those findings (and work continues here)
- You can follow our progress online:

<https://www.ripe.net/participate/member-support/surveys/ripe-ncc-survey-2019/key-findings-and-proposed-actions>

# Language Support



- Support in other languages has been requested for many years
- We are moving from the current broad set of translations to a much more comprehensive and specific set of translated material
- We propose translations in:
  - Russian and Arabic (pan-regional)
  - Turkish and Farsi (better engagement necessary)
  - Spanish and Italian (frequent language support needed by members)
- Language support is a stepping stone - it opens the door for new voices, opinions and involvement at a higher level

# And a Lot More!



- RPKI Resiliency Project
- RIPE Database cloud migration
- Revamping RIPE Labs
- RIPE Atlas data in Google BigQuery
- New RIPEstat UI
- Registry compliance and due diligence
- Launched IPv6 Fundamentals - Analyst exam
- Supporting EB Election Task Force
- Supporting Code of Conduct and RIPE DB Requirements Task Forces



# Finding True North



# Activity Plan and Budget 2021



- Documents our plans for the year ahead
  - Key statistics and related information for each activity
  - Financial figures included for each activity area
- A key part of how we remain transparent and accountable
- The clearest way for members to help shape our direction as an organisation
  - Send any comments to: [members-discuss@ripe.net](mailto:members-discuss@ripe.net)



# Our Strategy for 2021



- **Member Focus** – Understand our members to meet their needs and add value.
- **Engagement** – Carry out effective outreach to all stakeholders to stay connected and fulfil our goals.
- **Service Delivery** – Digitise trust to ensure the accuracy of the Registry/RIPE Database.
- **RIR System** – Strengthen the global RIR system and ensure its accountability, transparency and resilience, and allow it to adapt to the changing environment.

# Our True North - Strategic Focus



**“Deliver world-class services while  
engaging to connect people to  
maintain the resiliency and stability  
of the Internet.”**



# Questions



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