

RIPE NCC Update

A Year At The Helm

Internal Developments Getting Things Shipshape



Holacracy Implementation

- Creating cohesion between internal structures and external commitments
- This structure largely matches the broad areas in the Activity Plan and Budget
- Our new internal financial governance is now aligned with these pillars

Hans Petter Holen | RIPE NCC Services Working Group, RIPE 82 | 19 May 2021



Community & Engagement

Organisational Sustainability Registry

Technology



Internal Restructuring

- Aligning financial governance with Holacracy
- Adapting Holacracy to RIPE NCC's needs
- Rethinking performance management
- Focusing on compliance in various areas legal, financial, technical, security





Goal Setting

- Ensure the accuracy of the registry
- Integrated Risk Management system
- Operational resiliency
- Professionalise service delivery
- Financial management
- Organisation culture changes
- Organisation structure changes
- Secretariat for the RIPE Community





Our True North - Strategic Focus

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

Hans Petter Holen I RIPE NCC Services WG, RIPE 81 I 28 October 2020





Life in Lockdown

2020 has tested the resilience of the Internet globally

Technically it's working great

We sorely miss human interaction







Life After IPv4 Run Out

- Average time on the IPv4
 Waiting List is consistently below one day
- We currently have 1,533 /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 also gets added to it

Hans Petter Holen | RIPE NCC Services Working Group, RIPE 82 | 19 May 2021



134

1,533

Released within the next 30 days
 Available for immediate allocation



IPv4 Allocations Since Waiting List Activation







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

Hans Petter Holen | RIPE NCC Services Working Group, RIPE 82 | 19 May 2021



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 new content
 - Take a look at the 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

Hans Petter Holen | RIPE NCC Services Working Group, RIPE 82 | 19 May 2021



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Improving Your Experience

- Working towards standardising the user interface across our services and platforms
- New Uls for:
 - LIR Portal _
 - **RIPE** Database
 - **RIPEstat**
 - **RIPE** Atlas
 - **RIPE** Labs

Hans Petter Holen | RIPE NCC Services Working Group, RIPE 82 | 19 May 2021

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RIPE Database





RIPEstat Celebrates 10 Years

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

Hans Petter Holen | RIPE NCC Services Working Group, RIPE 82 | 19 May 2021





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



Hans Petter Holen | RIPE NCC Services Working Group, RIPE 82 | 19 May 2021

I RIPE Labs

Since its inception, RIPEstat has been helping network operators and end users monitor the An Eventful Ten Years in RIPEstat state of the Internet. Ten years on, we look back at some of the ways RIPEstat enabled us to get a clearer picture of how the Internet fared in the event of outages, blackouts, natural disasters, and Nyan Cat. 145 ♡ 0 🖵 🖧 🛴 Read article

Measurements and Statistics Internet Governance Technology and Innovation Co...

View all

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

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policy legal +1
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Editor's Pick



DoT...

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

Trinh Viet Doan 29 Mar 2021





RACI Project Funding

- RIPE Academic Cooperation Initiative (RACI) provides funding for academics to attend RIPE Meetings and RIPE NCC **Regional Meetings**
- Since there is no travel due to the COVID-19 pandemic, RACI will instead support academic projects in 2021
- Universities, research and higher education institutions in the RIPE NCC service region are encouraged to apply
- Applications are open until 31 May

https://www.ripe.net/participate/ripe/raci/raci-project-funding







The Community Projects Fund

- Over 25 projects funded for the 'good of the Internet' till date
- 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
- Funding recipients will be announced in October
- The call for applications will open shortly

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

Hans Petter Holen | RIPE NCC Services Working Group, RIPE 82 | 19 May 2021





Choppy Waters

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 coordinated 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-ourmission-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
 - [our invoicing process in some cases has been delayed pending clarity from the banks]









Charting the Course

Annual Planning Cycle

- Our activities for the coming year are outlined in the Activity Plan and Budget
- We publish the Draft version every September
- Get involved, share your input at the GM or on the mailing lists
- The final version is published in December

Hans Petter Holen | RIPE NCC Services Working Group, RIPE 82 | 19 May 2021





Charging Scheme published for members to discuss

Draft Activity Plan and Budget published for members to discuss

Draft Activity Plan and Budget discussed at GM

Member input incorporated into Activity Plan and Budget



At This General Meeting

- Members will vote on three resolutions
 - The Financial Report 2020
 - The discharge of the Executive Board
 - The Charging Scheme 2022
- Election to fill two seats on the Executive Board will also take place

Please exercise your right to vote!







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Questions ?

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