RIPE NCC Update

Hisham Ibrahim

Chief Community Officer

RIPE NCC Mission

- As an authority on unique Internet number resources, we enable people to operate and develop the Internet

- As the secretariat for the RIPE community, we are a trusted steward of the open, inclusive, collaborative Internet model, engaging with and connecting people and communities

- As a neutral source of information and knowledge, we actively contribute to the stability and evolution of the Internet

Our Activities

THE REGISTRY

Registration of IP addresses and ASNs

RPKI

We act as a trusted Certification Authority (CA) and issue certificates to resource holders

INTERNET MEASUREMENT TOOLS

Use our free, open tools like RIPE Atlas, RIPEstat, RIS and more to get insights

AuthDNS & K-root

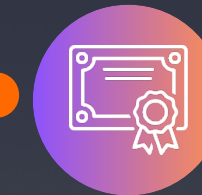We operate the K-root server and offer Authoritative DNS (AuthDNS)

RIPE Labs

Follow the latest on RIPE Labs - with articles from global experts as well as our own podcast

TRAINING AND CERTIFICATION

We offer webinars, in-person training courses, online courses in the RIPE NCC Academy and certification

RIPE SECRETARIAT

Supporting the RIPE community by acting as the secretariat

PUBLIC POLICY ENGAGEMENT

We keep track of developments in relevant policies and share them with different communities

Who We Are Accountable To

- RIPE community as their secretariat

  - Facilitating the discussions and implementing their policies

- RIPE NCC members as a membership-based association under Dutch law

  - Being neutral towards our members and treating them equally

- Governments in our service region

  - Complying with Dutch and EU law

  - Understanding the implications of other national legislation that applies to our members

- Global system of Internet governance and Internet operations

  - Internet registry system, root servers
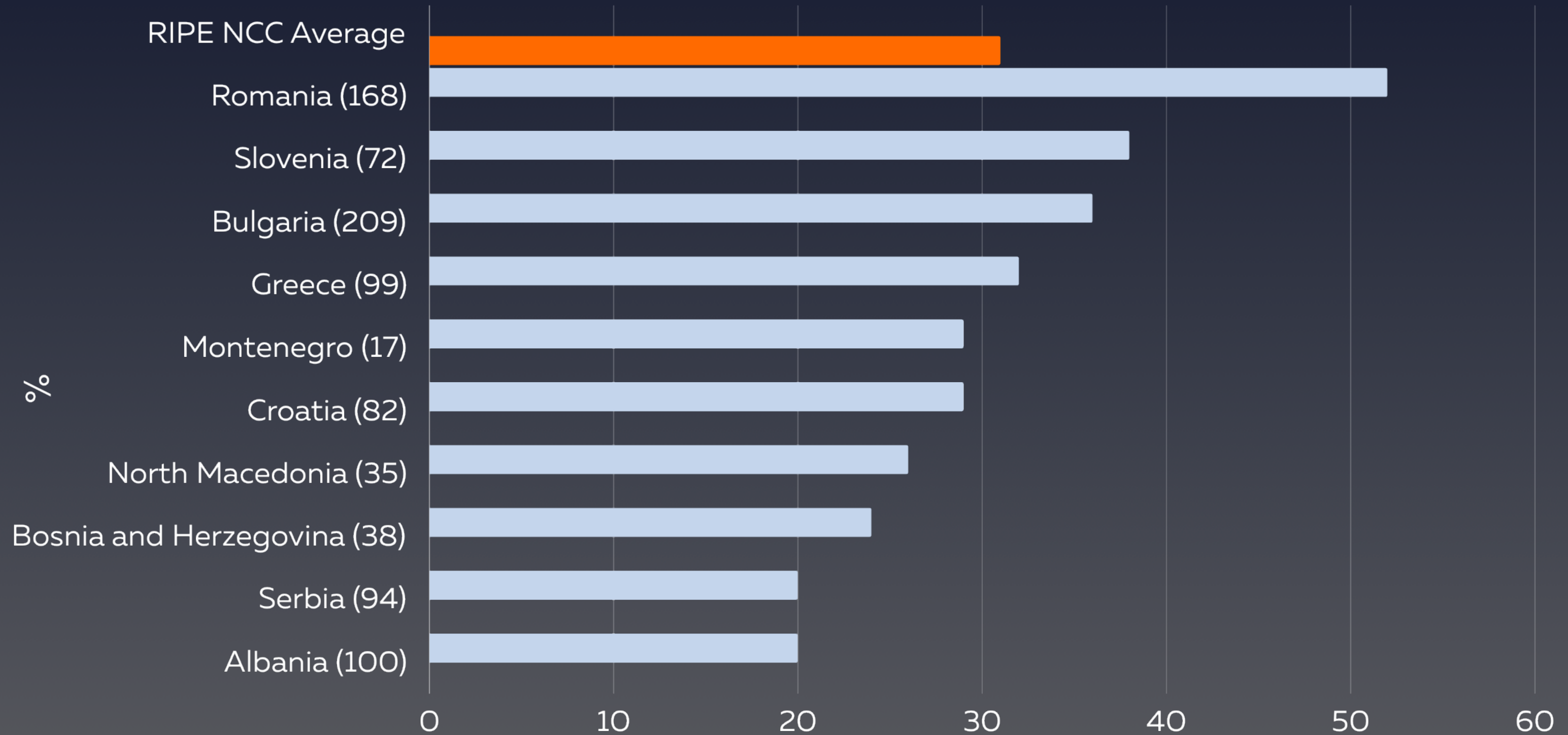
Charging Scheme 2025

Charging Scheme

- The proposed models guarantee adequate funding for 2025 and 2026

- Consultation launched in March

  - https://www.ripe.net/membership/mail/charging-scheme-2025-consultation

- Make sure to register and vote at the General Meeting and have your say!

General Meeting May 2024

- RIPE NCC General Meeting will take place 22-24 May 2024
- Online and adjacent to the RIPE 88 meeting in Kraków
- Three resolutions to vote on and Executive Board election to fill two seats
- Register for the GM at
  - https://my.ripe.net/#/meetings/active
- More information about the GM is available at
  - https://www.ripe.net/gm/may-2024

GM Participation from SEE Region

|	%
RIPE NCC Average	(orange bar ≈ 31)
Romania (168)	≈ 52
Slovenia (72)	≈ 38
Bulgaria (209)	≈ 36
Greece (99)	≈ 32
Montenegro (17)	≈ 29
Croatia (82)	≈ 29
North Macedonia (35)	≈ 26
Bosnia and Herzegovina (38)	≈ 24
Serbia (94)	≈ 20
Albania (100)	≈ 20

*In at least one RIPE NCC General Meeting since 2019 (last 10 GMs) | % per country | Number in brackets = Total number of members

Hisham Ibrahim | SEE 12 | 23 April 2024

Building a Stable Future for the RIPE NCC

- The RIPE NCC's mission to support an open and global Internet is becoming increasingly demanding

- Executive Board Member Remco van Mook recently published a RIPE Labs article

  - https://labs.ripe.net/author/remco-van-mook/building-a-stable-future-for-the-ripe-ncc/

- Plan to discuss this in person at RIPE 88
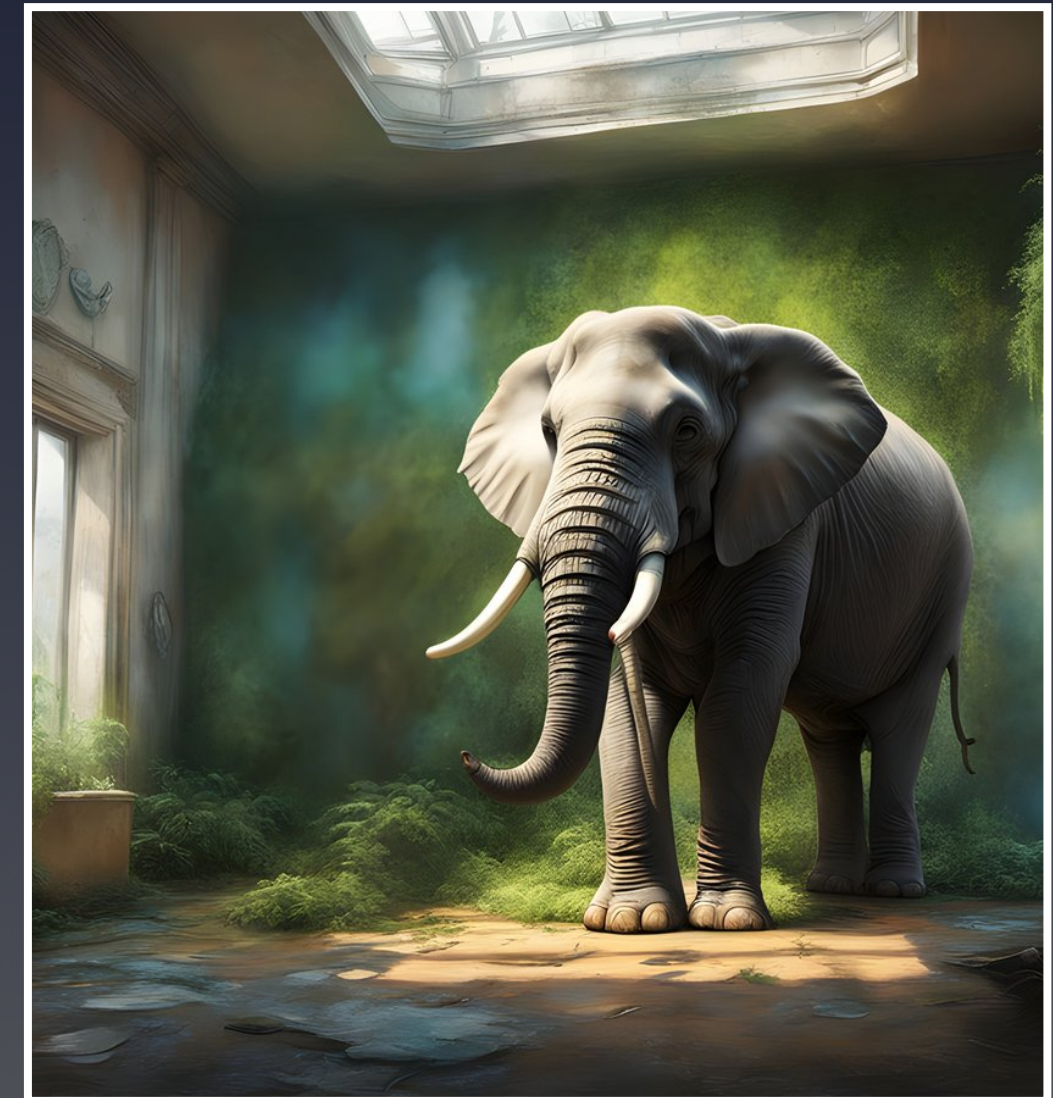
Country Codes in the RIPE Database

Kosovo in the RIPE Database

- The RIPE NCC requires that the RIPE Database follows the officially assigned ISO-3166 country codes

- In the case of Kosovo, there is no official ISO-3166 country code

- Discussed by the RIPE NCC Executive Board in 2022 and 2023

  - https://www.ripe.net/about-us/executive-board/minutes/2023/minutes-172nd-executive-board-meeting/#7-country-codes

- A community effort towards ISO-3166 could be the best way forward

- Read more on RIPE Labs

  - https://labs.ripe.net/author/kjerstin-burdiek/country-codes-in-the-ripe-database/

What We've Been Working On

Enhancing the Security of RIPE NCC Access

- We have been working on enhancing the security of RIPE NCC Access

- Two-Factor Authentication (2FA) is now mandatory on all RIPE NCC Access accounts

- Read more from RIPE NCC's Chief Technology Officer, Felipe Victolla Silveira

  - https://labs.ripe.net/author/felipe_victolla_silveira/ enhancing-the-security-of-ripe-ncc-access-recent-and-upcoming-changes/

RIPE Labs

Enhancing the Security of RIPE NCC Access - Recent and Upcoming Changes

Felipe Victolla Silveira — 10 Apr 2024
4 min read

ripe   security   operational

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Over the past few months, the RIPE NCC has been working on enhancing the security of RIPE NCC Access, the Single Sign-On (SSO) system for accessing our key services. In this article, I explain the recent enhancements we've implemented and provide an overview of forthcoming developments you can anticipate from us.

Why is enhancing the security of RIPE NCC Access important?
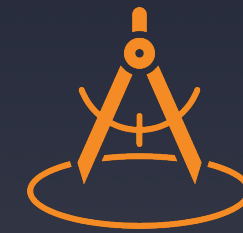
Data, Measurements and Tools

Targeting

A targeted peering policy for RIS for greater diversity of peers and networks

Data Coverage

We aim to cover the top 10 ASNs in each country with RIPE Atlas

Precision

A broader dataset with more information and precision

Data Quality

Improving the quality of our data services

Data-Driven Storytelling

We can develop more data-driven storytelling to share our insights on global routing

RIPE NCC Academy

COURSES AVAILABLE

- RIPE Database
- IPv6 Fundamentals
- IPv6 Security
- BGP Security
- Internet Governance
- Microlearnings on RPKI, Ping, Traceroute and more!

academy.ripe.net

RIPE NCC Academy

Free, open online learning
Create a RIPE NCC Access account
Log in and get started
You can also get certified
NEW Website coming soon!

Scan to start learning

Join us at

RIPE 88

Kraków, Poland
20 – 24 May 2024

ripe88.ripe.net

Questions ?

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