

# Report from the RIPE NCC

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General Meeting May 2026

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<https://www.ripe.net/media/documents/ripe-855.pdf>

# WELCOME TO THE 2025 RIPE NCC ANNUAL REPORT

In 2025, we focused on making sure the RIPE NCC is resilient, fit for purpose and in a strong position as we prepare for the next phase of our strategy cycle. This meant committing to ensuring sufficient income, reinforcing our security and compliance, and maintaining a high level of service to our members.

In 2025, total income before redistribution amounted to EUR 41.8 million. This reflected an increase in the annual membership and the introduction of a new per-ASN fee. Our total expenditure was 38.9 million, including a redistribution of EUR 2.8 million back to the membership. This result marks an important step in restoring predictability and supporting the organisation's long-term financial sustainability. Staff numbers remained stable at around 185 FTEs over the course of the year.

A major theme throughout the year was modernisation. This included the introduction

of OAuth 2.0 to authenticate applications that interact with the RIPE Database, new user interfaces for RIPEstat and DNSMON, and the rollout of new visualisation and analysis

**Strengthening security and compliance**

**Enhancing trust and transparency**

**Multistakeholder engagement**

**Sustainable operations**

from our Registry staff. At the same time, we continued to expand sanctions screening and due-diligence processes to ensure alignment with community policies and applicable

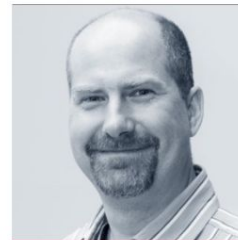
legal frameworks. Managing sanctions requirements continues to require significant operational work as sanctions measures keep on evolving. The appointment of Gabor de Wit, our new Chief Registry Officer, provided additional leadership capacity as we

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from practically all areas of the organisation and we are very happy with how far we have managed to come in a relatively short period of time.

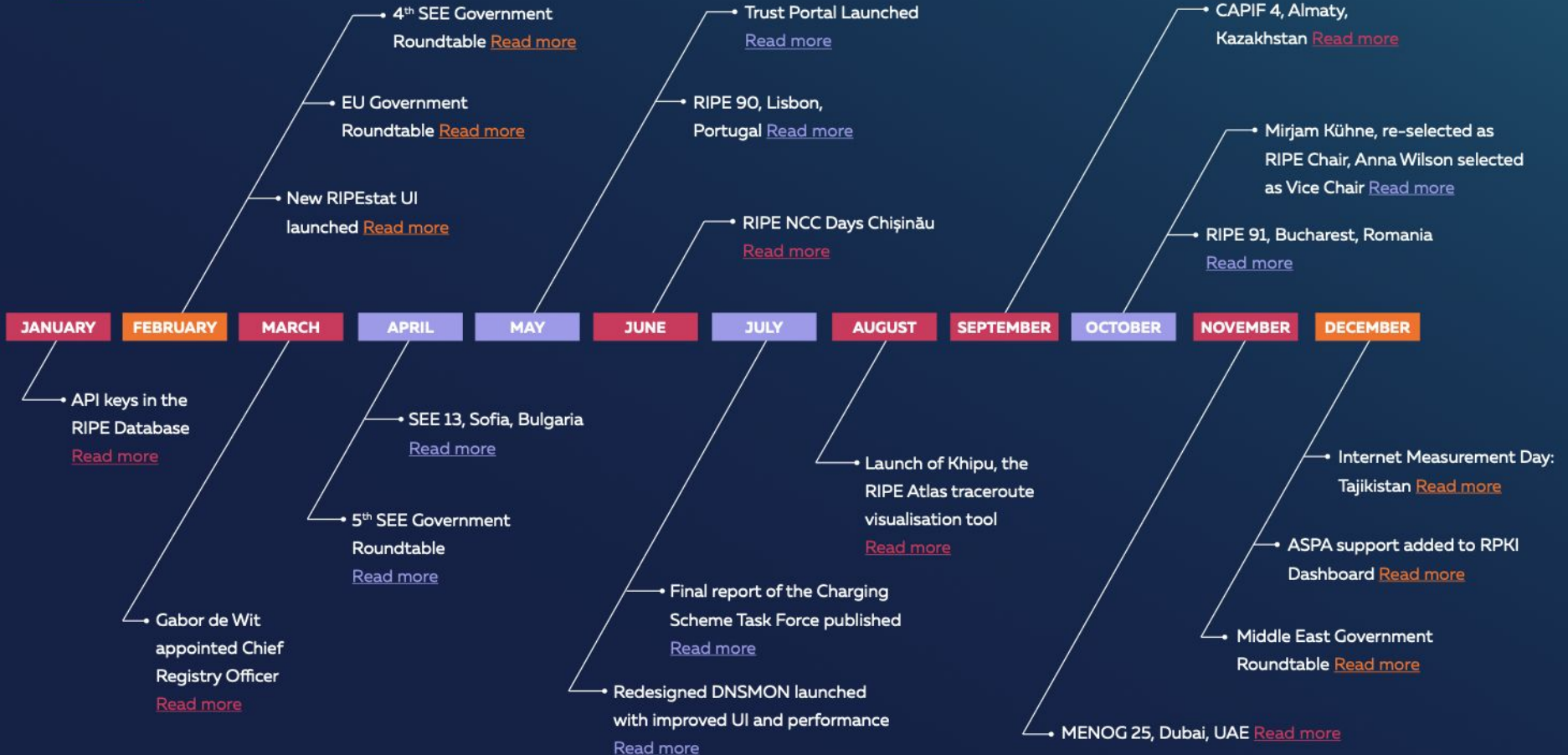


**HANS PETER HOLEN**  
MANAGING DIRECTOR



**ONDŘEJ FILIP**  
CHAIR OF THE  
EXECUTIVE BOARD

# HIGHLIGHTS OF THE YEAR



# MEMBERSHIP OVERVIEW

All numbers are as of 31 December 2025. Please note that one member can hold more than one LIR.

## 19,863

Total number of active members

## 874

New LIRs

## 15,273

Members with an IPv6 allocation

## 20,647

Total number of active LIRs

## 120

Member countries

### TOP 10

#### MEMBERS BY COUNTRY

DE	2,236
GB	1,920
RU	1,380
FR	1,215
IT	1,120
NL	1,108
ES	875
CH	719
PL	661
TR	621

### TOP 10

#### NEW MEMBERS BY COUNTRY

DE	74
GB	68
TR	59
IR	54
RU	47
NL	45
FR	39
IT	35
CH	25
ES	23

### TOP 10

#### LIRs BY COUNTRY

DE	2,312
GB	1,972
RU	1,413
FR	1,260
IT	1,168
NL	1,147
ES	909
CH	741
IR	712
PL	683

### CLOSURES INITIATED BY



**187** the RIPE NCC  
**1,031** members

### REASONS FOR CLOSURE BY THE RIPE NCC



**3** Untruthful information  
**3** Unresponsiveness  
**9** Bankruptcy  
**172** Non-payment

**655** new LIR applications cancelled



# The Registry

# INTERNET NUMBER RESOURCES OVERVIEW

All numbers are as of 31 December 2025.

## IPv4 /24 ALLOCATIONS BY COUNTRY

111	IR
67	DE
56	TR
54	GB
40	RU
32	FR
25	UA
22	NL
21	IT
295	Other

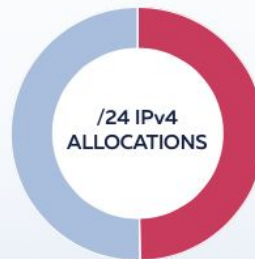
## ALLOCATIONS AND ASSIGNMENTS

IPv6 917	0	IPv6 anycast assignments
	10	IPv6 temporary assignment
	31	IPv6 assignments to IXPs
	76	IPv6 allocation extensions
	237	IPv6 PI assignments
563	IPv6 allocations	
IPv4 776	17	IPv4 temporary assignments
	36	IPv4 assignments to IXPs
	723	/24 allocations
ASNs 2,146	0	temporary 16-bit assignments
	11	temporary 32-bit assignments
	0	16-bit assignments
	2,135	32-bit assignments

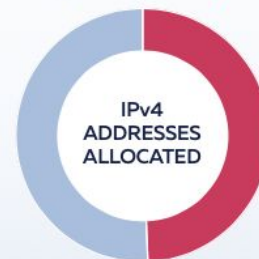
## REGISTRY SERVICES

NPS 89

2024 2025  
732 723



2024 2025  
187,392 185,088



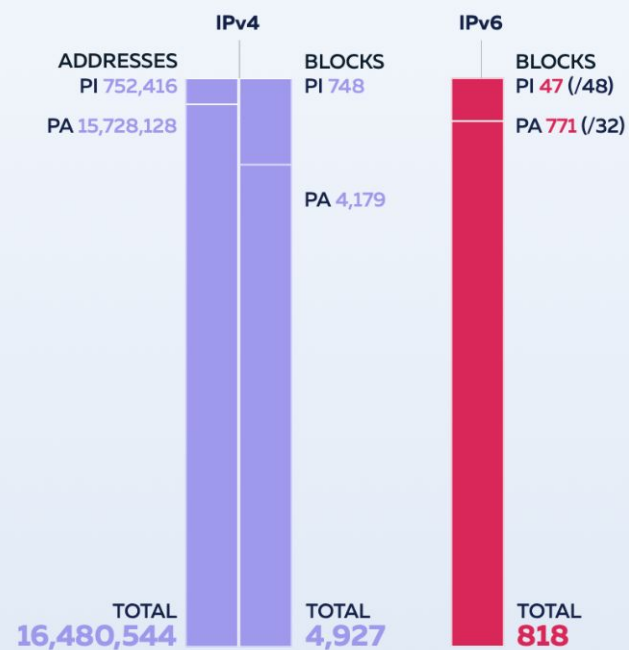
# TRANSFERS OVERVIEW

Here is an overview of resource transfers between the RIPE NCC and other RIRs, and within the RIPE NCC service region. The figures below include policy transfers and other changes that move resources, such as mergers and acquisitions.

## INTRA-RIR TRANSFERS BY COUNTRY - TOP 10 (IPv4 ADDRESSES)



## TRANSFERS WITHIN THE RIPE NCC'S SERVICE REGION



## INTER-RIR TRANSFERS (IPv4 ADDRESSES)



# RIPE REGISTRY ACCOUNTABILITY

## ASSISTED REGISTRY CHECKS (ARCs)

Assisted Registry Checks are how we help members ensure their data is accurate and up-to-date. We provide personalised support over a call or in person at events to help members correct any inconsistencies. Our goal is to constantly strengthen the quality of data in the registry. During an ARC, among other things, we check their legal name, address and contacts, IPv4 and IPv6 resources registered, and whether their BGP announcements are consistent with the Routing Registry.

[READ MORE](#)

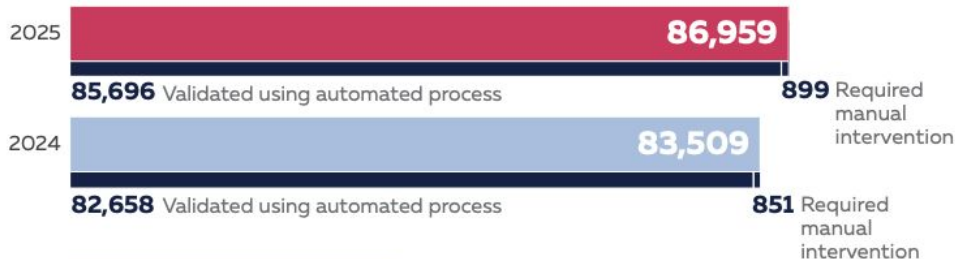
## ARCS (ASSISTED REGISTRY CHECKS) COMPLETED



## ABUSE-C ROLE OBJECTS CREATED AND/OR UPDATED



## VALIDATED ABUSE-C EMAIL ADDRESSES



[READ MORE](#)

# REPORTS AND INVESTIGATIONS

## REPORTS RECEIVED VIA THE ABUSE FORM

TOTAL  
**423**

## ABUSE-C VALIDATION INVESTIGATIONS

TOTAL  
**2,320**

801 LIR accounts

764 LIR resources

755 End Users

## SECURITY INCIDENTS

Security incidents are detected on the basis of audits performed, alerts from our network intrusion detection system and external reports.

## INFORMATION SECURITY REPORTS

We encourage the reporting of vulnerabilities in line with our Responsible Disclosure Policy.

### IN 2025

#### Security-related reports received

**171** total bug bounty submissions

**43** total direct submissions at security@ripe.net

#### Reports were relevant

**14** accepted bug bounty submissions

**18** relevant direct submissions at security@ripe.net

[READ MORE](#)

## INFORMATION SECURITY INCIDENTS

### IN 2025

- 0** Crises (Priority 1)
- 0** Major Incidents (Priority 2)
- 2** Unexpected Incidents (Priority 3)
- 0** Incidents (Priority 4)

## STATUS.RIPE.NET

status.ripe.net is the RIPE NCC's service status page. It shows the uptime and operational status of key services such as the RIPE Database, RIPE Atlas, RIPEstat and the LIR Portal. The page also reports incidents and scheduled maintenance, helping users quickly see whether RIPE NCC services are running normally.

## HIJACK INVESTIGATIONS

### IN 2025

- 220** Hijack investigations
- 19** Reports to the police
- 13** Due diligence warnings (official warnings)
- 1** Disputed transfers
- 1** New membership applications blocked\*
- 3** SSA terminations\*

\*Provision of untruthful information.



# Information Services

# BUSINESS APPLICATIONS

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In 2025, the Business Applications team delivered a core RIPE NCC system modernization project, including automation, and support for new services.

## SECURITY AND AUTHENTICATION

A major achievement in 2025 was the implementation of new authentication methods for the RIPE NCC systems. New authentication keys were introduced as an alternative to the existing access, and later in the year the legacy system was making database updates, and the new system was phased out. This work improved the security and provided for more consistent authentication across all systems.

## REGISTRY DATA AND STATISTICS

Transfer statistics were extended to include more information. This required changes to the data processing systems, resulting in more detailed and accurate reporting.

## DATA INFRASTRUCTURE

An internal Data Warehouse was implemented for production, combining data from multiple sources and providing daily snapshots of initial datasets. Automation was also expanded to monitor around 20,000 independent resource holders, reducing manual checks and speeding up request processing.

**Security and Authentication**  
**LIR Portal and operational support**  
**Registry data and statistics**  
**Data infrastructure and automation**

- » Automated Self-Service to End Sponsoring of Independent Resources [Read more](#)
- » OAuth 2.0 Available for the RIPE Database [Read more](#)

# RPKI

## In 2025, stability and resiliency of our RPKI Trust Anchor and service remained our topmost priority.

After receiving a SOC2 Type I assurance report in October 2024, the RIPE NCC continued the ISAE3000 project which culminated in receiving a SOC 2 Type II [assurance report](#) in December 2025.

The joint NRO RPKI programme focused primarily on formulating a plan to guard against unwanted resource overclaims by any one RIR. A [first draft](#) of this idea was published in the IETF. Good feedback was received which the programme will incorporate into further updates of this work, to which it is committed to work in 2026.

An important new feature was introduced to the RPKI Dashboard. After having done extensive testing, and [presenting](#) at RIPE 91, we launched support for AS Provider Attestations (ASPAs) in the RPKI Dashboard on 26 November.

[READ MORE](#)

### ASPA COVERAGE

**1.19%**

2025

**0.00%**

2024

### ROA COVERAGE - IPv4

71%

2024

75%

2025

### ROA COVERAGE - IPv6

40%

2024

42%

2025

### RPKI CERTIFICATES

21,045

2024

21,751

2025

### ROAs

47,566

2024

54,857

2025

# RIPE DATABASE UPDATES

NPS  50

In 2025, the RIPE Database team strengthened the security and resilience of the RIPE Database, modernised the deployment and management of its applications, and implemented new standards to improve compliance.



» Using API keys in the RIPE Database

[Read more](#)

## IMPROVE SECURITY

To improve security in the RIPE Database, we successfully phased out MD5 hashed passwords in mid-January 2026.

## IMPROVE RESILIENCE

To improve the resilience of the RIPE Database Query and Update service, we improved the database switchover to reduce downtime and perform a switchover for patching every month.

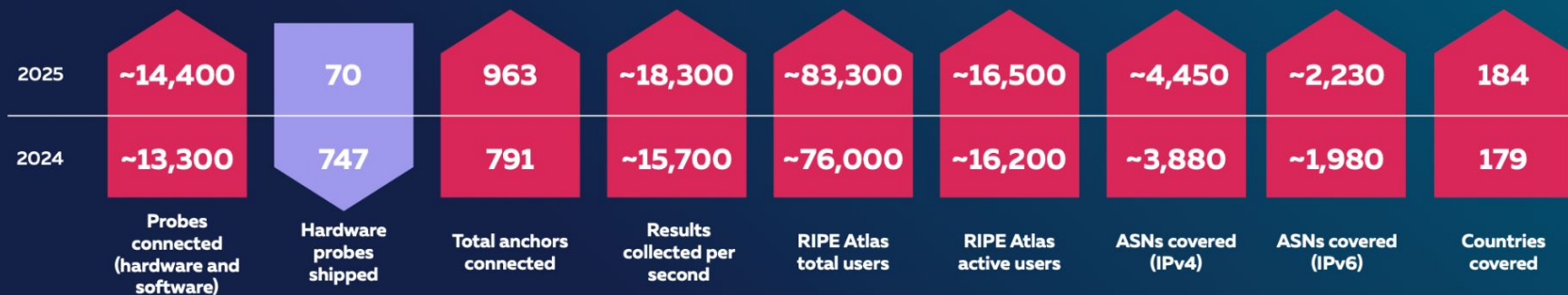
## MODERNISE DEPLOYMENT

To modernise the deployment and management of our applications, we worked on adding CDN support to containerise the database services.

## IMPROVE & IMPLEMENT

To improve compliance and implement new standards, we developed a Business Continuity Plan and worked towards ISO 27001 controls. We implemented a Near Real Time Mirroring (NRTM) v4 client compliant with the [draft RFC](#), added Registry Data Access Protocol (RDAP) RIR Search relation searches and IANA administrative status, and improved resource status hierarchy validation in line with RIPE policy. We also successfully validated all abuse-c addresses to comply with RIPE-705.

## RIPE ATLAS PROBES AND ANCHORS



## RIPE ATLAS

In 2025, we added numerous features to make the system more useful for probe hosts, regular users and RIPE NCC members alike.

All major user interface components have been reworked for general design, responsiveness, usability and general usefulness; this includes probes, measurements, maps, dashboards, statistics, etc. We also added new visualisation components (e.g. see “Khipu” below). There’s now significant support for various explicit use cases, making it easier to run specific measurements and understand their results. RIPE NCC members get immediate access to information about what measurements the platform

already performs towards them and what probes are hosted in their networks (including their users). The user interface and availability of DNSMON has also been improved.

We are continuing to work on probe firmware development and there’s now official support for Debian (and derivatives, including on Raspberry Pis) and RHEL variations.

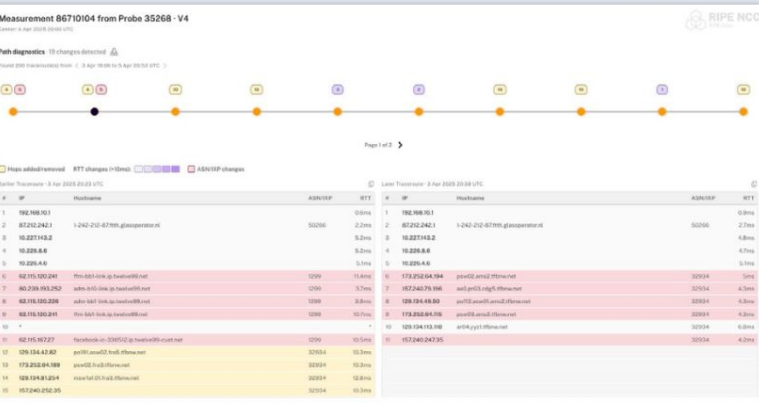
### RIPE Labs

- » Introducing Path Analysis: A New Way to Visualise Traceroute Changes in RIPE Atlas [Read more](#)
- » Six Ways To Use Khipu To See And Solve Network Problems [Read more](#)
- » DNSMON Gets a Makeover [Read more](#)
- » RIPE Atlas UI: Revamped Probe Detail Pages [Read more](#)

# OTHER TOOLS AND IMPROVEMENTS

## PATH ANALYSIS UNDERSTANDING ROUTE CHANGES OVER TIME

A [new path analysis tool](#) was introduced to help users understand how traceroute paths change over time. By visually comparing traceroute runs, the tool highlights routing changes, performance degradation and shifts between networks or IXPs.



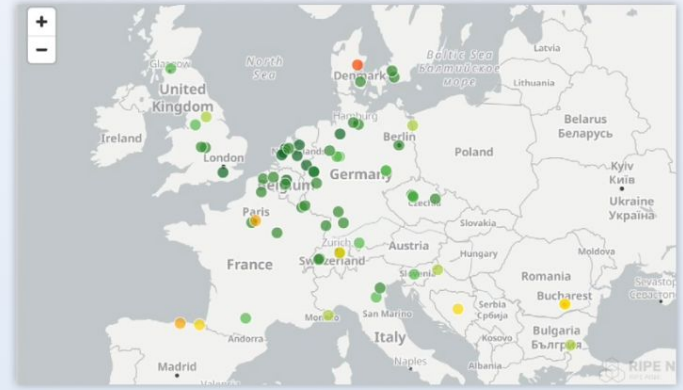
## INTERNET MAPS



Internet Maps provide geographic visualisations of measurement data. This includes views of which root DNS server instances RIPE Atlas probes reach and the responses they receive, helping users observe distribution patterns and regional differences.

## REACHABILITY TESTING

Reachability Testing enables users to quickly test host reachability from multiple global vantage points.





# DNS AND K-ROOT

The RIPE NCC runs two independent and equally important DNS services.

The first is K-root, one of the 13 Internet root name servers. The K-root service is provided by a set of distributed nodes using IPv4 and IPv6 anycast. The second is a DNS service for RIPE NCC zones, reverse DNS and secondary DNS, which we refer to as AuthDNS.

We continue to improve resiliency and availability of both services by adding hosted nodes. In 2025, we added 14 K-root nodes and 16 AuthDNS nodes. We also finished implementing a new monitoring system and retiring ns.ripe.net.

We rely to a large extent on open source software to run our DNS platforms. The operating system we use (Oracle Linux 9) is a collection of open source software, and the name server software packages we run (ISC BIND, CZ.NIC's Knot DNS and NLnet Labs' NSD) are all open source software packages that we proudly support, and the software we use to connect our nameservers to the rest of the world through BGP is open source. Next to this, we use open source software to manage and monitor our systems (using SSH, Python, Salt, etc.).



## LEGEND

- ▲ AuthDNS
- K-Root
- Existing
- New



» [Expanding AuthDNS - Impact of Adding a New Node in the Philippines](#)

[Read more](#)

# RIPEstat

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RIPEstat provides users with essential information on IP address space and Autonomous System Numbers (ASNs) along with related statistics on specific hostnames and countries.

## IN 2025

Released a new [RIPEstat user interface](#) that replaced the two previous user interfaces.

Improved many widgets in RIPEstat, for example BGPlay and the looking glass.

Modernised the application code and libraries, and moved to containers for running the application.

## RIPEstat

» Streamlining RIPEstat: Building an Interface for the Future [Read more](#)

READ MORE

# RIS

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Our Routing Information Service (RIS) uses a globally distributed set of Remote Route Collectors (RRCs), usually located at Internet Exchange Points, to collect and store Internet routing data.

## IN 2025

In 2025 we kept a stable number of RIS peers to limit data growth, while adding several routeserver sessions.

We completed necessary maintenance on the RIS collectors, including a re-installation of all collectors.

We explored and shared new approaches to make raw RIS data more accessible ([Querying the DFZ](#)).

## RIPE Labs

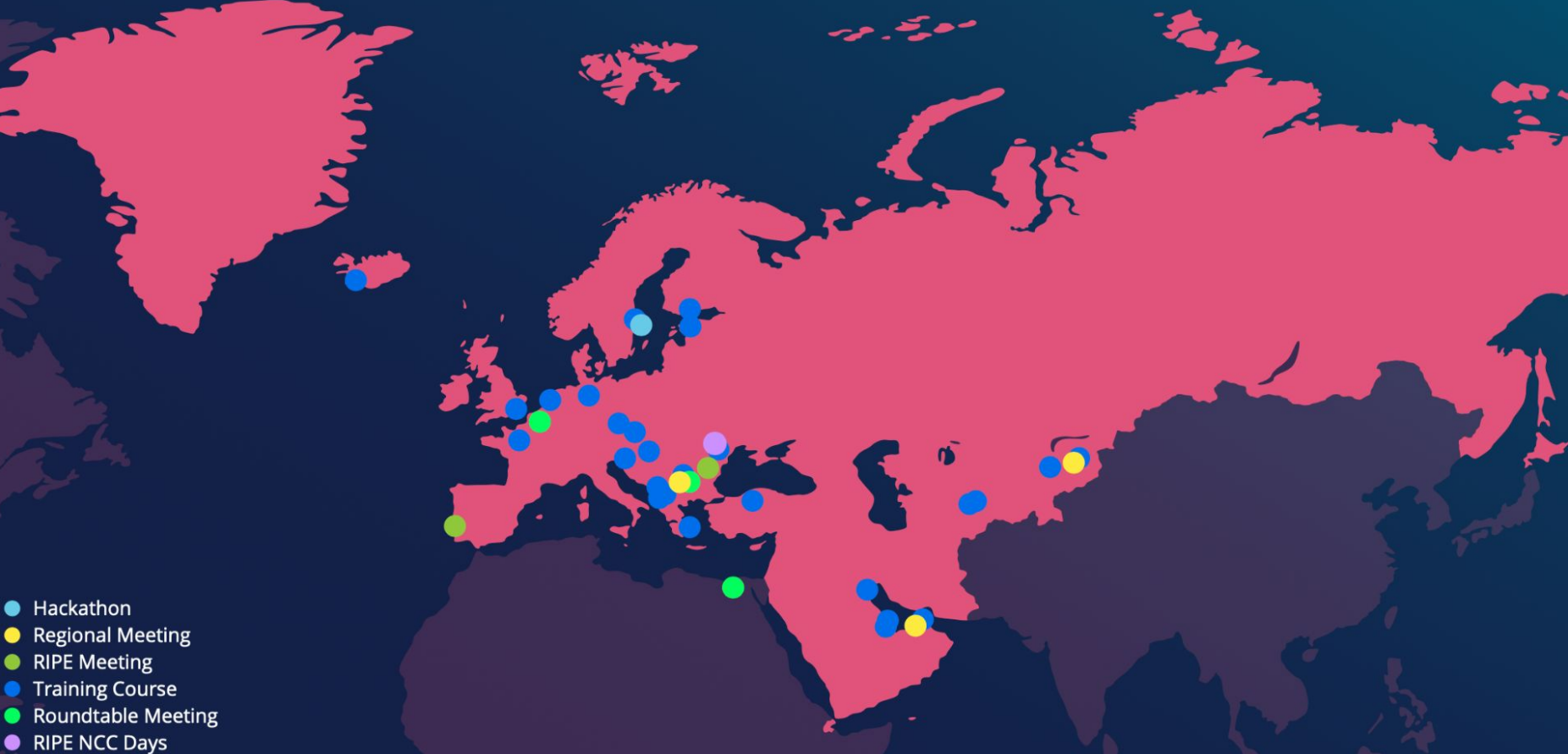
» Working with BGP Data [Read more](#)

READ MORE



# External Engagement & Community

# OUR IN-PERSON EVENTS IN 2025



# IN-PERSON TRAINING AND WEBINARS

In 2025, we delivered in-person training at 25 locations, covering 56 courses across various topics. We also kept an online presence, delivering a further 31 webinars. Our focus on efficiency and cost savings continued, with seven hosted locations supporting the delivery of 17 hosted courses.

Through our in-person courses, we reached 854 participants, while our webinars engaged a further 511 learners. IPv6 remained a key focus, attracting the highest number of courses and participants. We also continued to deliver valuable insights into BGP, the Internet Registry, measurements and tools, and network security.

We reviewed our LIR-related materials, resulting in:

- » Creating one new webinar (Welcome to the RIPE NCC).

- » Update of the LIR In-Person Course: This course helps LIRs understand their role and responsibilities, including how to request, transfer, sponsor and distribute Internet number resources.
- » Looking ahead, we will keep refining our training formats to ensure they are accessible, effective and relevant for our community.

We also celebrated 30 years of training at the RIPE NCC.

[READ MORE](#)

WEBINARS

NPS 61

IN-PERSON COURSES

NPS 86



# RIPE NCC ACADEMY

The RIPE NCC Academy is our free online learning platform that offers self-paced e-learning courses to anyone who is interested. It now has over 120 e-learning modules on a diverse range of topics such as IPv6 Fundamentals, IPv6 Security, the RIPE Database, LIR Fundamentals, BGP Security and Internet Governance.

In 2025, we expanded the RIPE NCC Academy's portfolio with a new E-learning Tutorial on API Keys in the RIPE Database. This microlearning covers how to create, use, manage and revoke API keys.

[READ MORE](#)

## MODULE COMPLETIONS PER COURSE IN 2025



<b>9,993</b>	IPv6 Fundamentals
<b>5,337</b>	RIPE Database
<b>2,477</b>	BGP Security
<b>2,999</b>	IPv6 Security
<b>1,152</b>	Microlearning
<b>1,545</b>	LIR Fundamentals
<b>522</b>	Internet Governance
<b>31</b>	RIPE Working Group Chair



**AVERAGE MODULE  
RATING**

**4.69/5**



**TOTAL REGISTERED LEARNERS\***

**19,128**



**NEWLY REGISTERED LEARNERS**

**2,709**



**TOTAL ACTIVE LEARNERS**

**4,382**

\*From 2020 - since the launch of the revamped Academy, until 31/12/2025.

# RIPE NCC CERTIFIED PROFESSIONALS



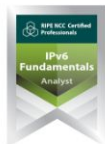
A RIPE NCC certification validates expertise in the fields of IP address management, IPv6 technologies and network security.

RIPE NCC Certified Professionals earn a digital badge that can easily be verified by any third party, like your employer or customers. We currently offer five certifications:

RIPE Database  
Associate



IPv6 Fundamentals  
Analyst



IPv6 Security  
Expert



BGP Security  
Associate



LIR  
Fundamentals



In 2025, we continued development of our new exam platform. We improved the question reporting features to better support exam reviews and assure the quality of questions and exams.

We also created a new certification exam to assess the knowledge of being an LIR, to complement the LIR Fundamentals e-learning course that was added to the RIPE NCC Academy in 2024.

We participated in several campaigns this year, including the "Summer Campaign", which allowed hundreds of participating students across the globe to certify their skills with us for free. We also provided live testing at several RIPE NCC-organised events: RIPE 90, RIPE NCC Days, CAPIF 4, RIPE 91 and MENOG.

[READ MORE](#)

## TOTAL EXAMS COMPLETED

2024

582

2025

656



206 IPv6 Fundamentals  
145 BGP Security  
124 RIPE Database  
100 IPv6 Security  
81 LIR Fundamentals

## TOTAL BADGES AWARDED

2024

348

2025

535

## AVERAGE QUALITY RATING

Better Examinations  
Exam Platform

3.5/4 ★★★★★

Quality of  
Questions

3.3/4 ★★★★★

# POLICY DEVELOPMENT

Policies implemented by the RIPE NCC emerge from an open, transparent, community-led development process. Here is an overview of the policy proposals discussed in 2025. The data shown reflects the status of those proposals and participation as of 31 December 2025.

One policy proposal was accepted following discussion:

- » 2025-02: "Revocation of Persistently Non-functional Delegated RPKI CAs", provided a mandate to the RIPE NCC to revoke resource certificates associated with longtime non-functional Certification Authorities (CAs) to reduce Relying Party workloads.

Two policy proposals were discussed and the proposers decided to work on a new version:

- » 2025-01: "ASN assignment criteria revisited", aims to simplify requirements for new Autonomous System Numbers.
- » 2024-02: "IPv6 Initial Allocations /28 and extension to /28", aims to change the initial IPv6 allocation size from /29 to /28.

A proposal was discussed and the proposers were still deciding on the next step:

- » 2024-01: "Revised IPv6 PI Assignment Policy", aims to define requirements for "IPv6 PI Assignments" and "Assignments from IPv6 Allocations" and clarifies permitted use cases.

[READ MORE](#)

## HIGHLIGHTS

4 Policy proposals under discussion

55+ People who participated in discussions

10+ From how many countries

1 Policy proposals accepted

0 Policy proposals withdrawn

3 Ongoing proposals

# PUBLIC AUTHORITY ENGAGEMENT

## ROUNDTABLES

Our Roundtable Meetings offer governments and regulators the opportunity to discuss governance issues relevant to the RIPE NCC and the RIPE community while

gaining a deeper understanding of complex technical topics. In 2025, we held four Roundtable Meetings

- » [One in Western Europe](#) discussed the WSIS+20 and its key steps, and the development of normative processes aimed at safeguarding the interoperability, availability, and integrity of the global Internet.
- » [Two in South East Europe](#) discussed EU policy regulation, the RIPE NCC's regional IXP research, and the WSIS+20 review process.
- » [One in the Middle East](#) focused on developing the Internet across Arab states through enhanced regional cooperation, expanded connectivity, and adoption of global routing security standards.

## WSIS+20

The World Summit on the Information Society (WSIS)+20 review process was a central theme in the Public Policy Team's engagement throughout the year.

The RIPE NCC actively contributed to the open consultations, submitting four responses at different stages of the WSIS+20 review and High-Level Event consultation processes organised by the ITU and the

measures for a high common level of cybersecurity across the Union (NIS2), the Cyber Resilience Act (CRA), the Digital Services Act (DSA), the Digital Networks Act (DNA), and the Digital Omnibus.

**Roundtables: EU, Southeast Europe, Middle East**

**Public policy consultations**

**Internet governance events (e.g. WSIS, the IGF)**

put to the European Commissions' open Joint Communication on the EU's strategy and to the targeted consultation process.

attention to the EU's launch of the Older Forum on Internet Standards which the RIPE NCC will participate.

our engagement with a broad range beyond the RIPE NCC membership, we formal cooperation by signing eight Memorandums of Understanding (MoU) across the RIPE NCC service region. The full list is available. The purpose of the MoUs is to foster greater understanding and enable more effective coordination and cooperation, while ensuring transparency to our membership and the wider RIPE community.

# SUPPORTING THE COMMUNITY

## RIPE FELLOWSHIP

Through the RIPE Fellowship, we aim to increase diversity in the RIPE community by supporting those from underrepresented regions, minority backgrounds or those who require funding to attend a RIPE Meeting. Fellowships are open to those living or working in the RIPE NCC service region, and studying or working in Internet technology and related fields.

### FELLOWS PER MEETING



[READ MORE](#)



» In 2025, the RIPE Fellowship was redesigned to prioritise long-term engagement, mentoring, and personalised learning paths for new voices in the RIPE community. [Read more](#)

## RACI

The RIPE Academic Cooperation Initiative helps members of the academic community connect with and present to the RIPE community at RIPE Meetings and RIPE NCC Regional Meetings\*.

In 2025 we organised 13 academic sessions (either visits to our offices or us going to universities).

### RACI ATTENDEES PER MEETING



[READ MORE](#)

## LANGUAGE SUPPORT

We expanded our translation efforts and improved the visibility of translated content through the RIPE NCC Language Centre. In 2025, we added Ukrainian and French, bringing the total number of supported languages to eight, selected based on demand and regional needs. We also began improving our approach to engaging community volunteers, with the aim of making it easier for them to contribute translations and reviews.

[READ MORE](#)

\*We do not send RACI attendees to CAPIF or MENOG as academic presentations are not as suitable for these events.

# OPEN HOUSE EVENTS

RIPE NCC Open House events are online events that can cover a range of different formats, including presentations, panel discussions, expert Q&A sessions and open mic opportunities for participant interaction. True to their name, these events are open to anyone and free to attend.

In total, we hosted 12 Open House sessions on key themes, including dedicated discussions for Network Operator Group (NOG) organisers, deep dives into the Activity Plan and Budget and Charging Scheme, and community-focused dialogues on ICP-2, the future of RPKI, and WSIS+20. We also introduced sessions covering the new Fellowship Programme, as well as RIPE Meeting debrief sessions specifically designed for newcomers.

[READ MORE](#)

## TOP 5 OPEN HOUSE SESSIONS OF 2025

The Role of IXPs in South East Europe



Strategy 2027–2031



Draft Activity Plan and Budget 2026



RIPE NCC Open House: A New Chapter for the RIPE Fellowship



Second Consultation on Updating ICP-2



# NOGs AND REGIONAL EVENTS

In 2025, we sponsored the following NOGs:

CSNOG DKNOG NETNOD ITNOG

ESNOG NOG.FI GRNOG NetUK ISNOG 0

NONOG 7 SINOG 9 RONOG HRNOG 6 BalticNOG

HUNOG RSNOG 11 NOGUA 2 LUNOG



## RIPE NCC DAYS CHIŞINĂU

The RIPE NCC Days Chişinău took place in Chişinău, Moldova, on 18-19 June 2025. There were 108 participants from 9 countries, with 60 newcomers. At the meeting, we heard from local community leaders and examined the landscape of the Internet in Moldova and its neighbours.

[READ MORE](#)



## SEE 13

SEE 13 took place in Sofia, Bulgaria from 7-8 April 2025. The meeting saw 179 attendees from 29 countries. 60 attendees were newcomers. The meeting discussed the Internet in South East Europe and featured a panel on the Future of Network Operator Groups (NOGs). Other talks dived into specific topics, such as how to build your own home router or studies of the recent Baltic Sea cable cuts, and many addressed the challenge of understanding the evolving Internet landscape across South East Europe.

NPS 87

[READ MORE](#)



## CAPIF 4

NPS **93**

CAPIF 4 took place in Almaty, Kazakhstan from 25–26 September 2025. There were 328 attendees from 24 countries, including 178 newcomers, making it the largest regional meeting to date. The meeting focused on the importance of peering and interconnection in Central Asia, covering both the technical and policy aspects of Internet interconnection and regional infrastructure development. There were also presentations on IPv6 for the AI era, space Internet infrastructure and national digital strategies.

[READ MORE](#)

## MENOG 25

NPS **82**

MENOG 25 took place in Dubai from 24–28 November 2025. There were 207 attendees from 37 countries, with 105 newcomers. The event featured a panel discussion on mitigating the risks of sea cable breaks as well as presentations on topics including the IPv4 transfer landscape, SRv6, and IXPs in the Middle East.

[READ MORE](#)



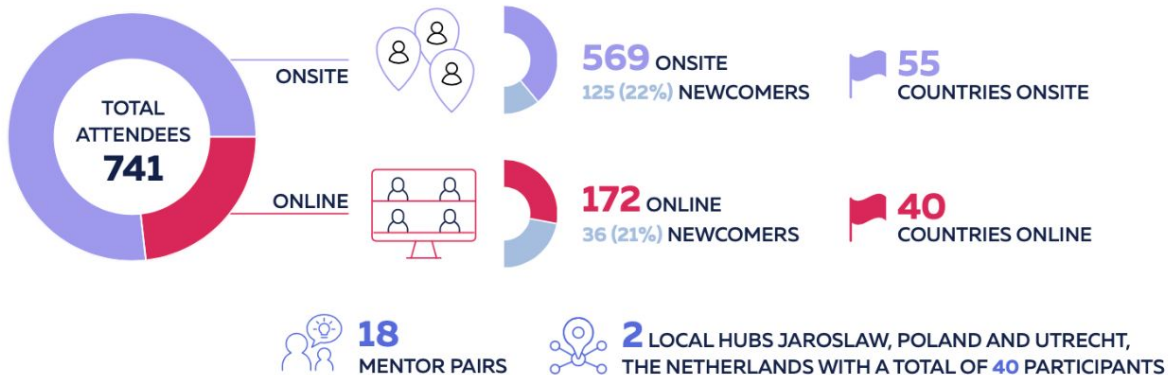
## INTERNET MEASUREMENT DAY: TAJIKISTAN

An Internet Measurement Day took place in Dushanbe, Tajikistan, on 1 December 2025, where 68 participants gathered to discuss Internet measurement in Central Asia.

[READ MORE](#)

# RIPE 90 - LISBON, PORTUGAL

NPS **72**



[READ MORE](#)

## HIGHLIGHTS

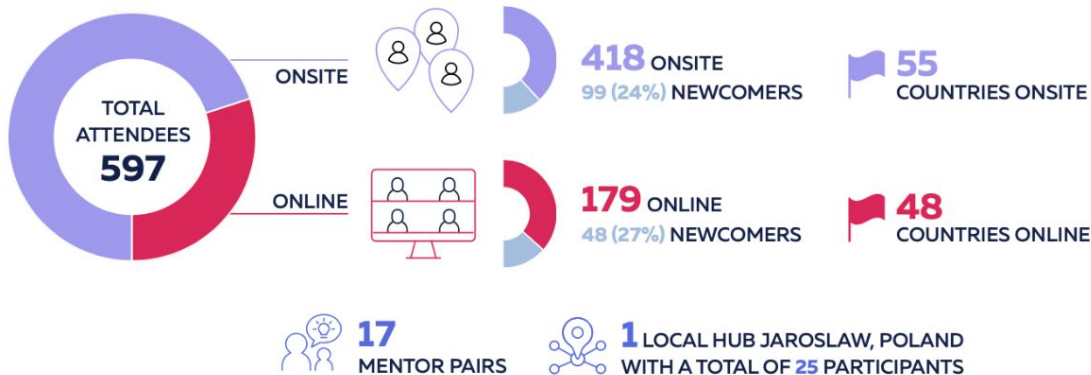
→ Well-received talks by Maria Farrell and Timo Hillbrink highlighted, from different perspectives, why and how the Internet community should maintain diversity across networks.

→ Another important theme was resilience, illustrated by network responses to cable damage, engineers keeping infrastructure running under extreme conditions, and creative solutions during regional power outages.

→ The Diversity in Tech session focused on accessibility and mentoring, with plans to review venue selection criteria, strengthen the mentorship programme, gather newcomer feedback, and better integrate fellows into the community.



# RIPE 91 - BUCHAREST, ROMANIA



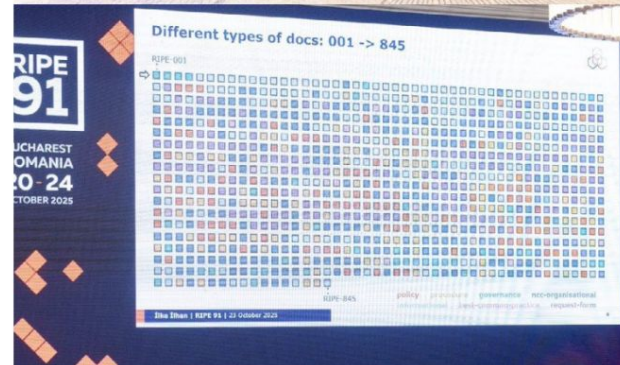
[READ MORE](#)

## HIGHLIGHTS

→ The community gave a warm farewell to outgoing RIPE Vice-Chair Niall O'Reilly and welcomed Anna Wilson as his successor. Mirjam Kühne was selected for a second term as RIPE Chair.

→ Panel discussion on potential uses of Artificial Intelligence by RIPE NCC staff.

→ Address Policy WG presentation exploring the evolution of RIPE documents, combining data analysis with historical insight.



# RIPE LABS

RIPE Labs is an open platform for network operators, researchers, developers and others from across the Internet community to share case studies, stories, prototypes, best practices, research and more.

Around half of RIPE Labs articles come from authors outside the RIPE NCC. Our staff also use RIPE Labs to share ideas and get feedback from the community, and to trial prototype services and tools.

## THE RIPE LABS ARTICLE COMPETITION

We held two competitions in 2025, with a total of 16 entries from the community.



### RIPE 90 COMPETITION WINNER

How Cloud Edge  
Infrastructure Improves  
Round-Trip Time

*Katerina Lionta*



### RIPE 91 COMPETITION WINNER

Keeping Network Sites  
Online During Blackouts

*Yuriy Vykhnevych*

## TOP 5 ARTICLES 2025

Why IXPs  
Matter: Critical  
Infrastructure  
Beyond the  
Hype

READ MORE

Why Effective  
Digital Governance  
Begins with  
Understanding the  
Internet Itself

READ MORE

End-to-End  
Encryption:  
Architecturally  
Necessary

READ MORE

Routing IPv6  
Through  
Wireguard  
With MikroTik and  
Debian

READ MORE

Using API Keys  
in the RIPE  
Database

READ MORE



**107**

Articles

**57 (53%)**

Articles by non-staff



**31,951**

Unique pageviews  
per month (average)



**6**

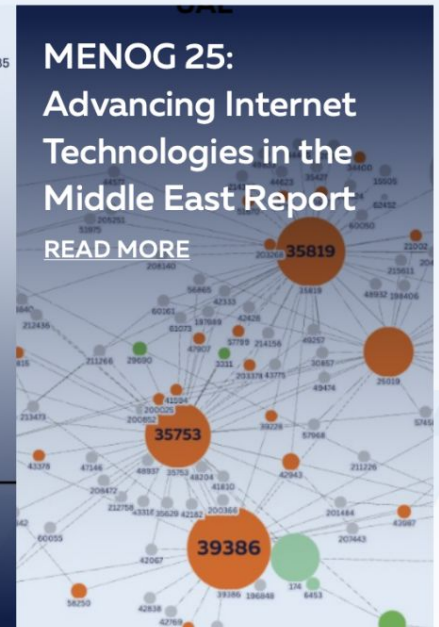
Podcasts

# DATA STORYTELLING

We publish reports and visual stories that help people understand the Internet better.

## REGIONAL REPORTS

Our regional reports provide insights into the development of the Internet across different parts of our service region, combining data on Internet resource distribution and the adoption of key technologies – such as RPKI and IPv6 – with context on local initiatives, RIPE NCC engagement, and broader geopolitical factors.





# Inside the RIPE NCC

# AT THE HEART OF THE RIPE NCC

## EMPLOYEE NUMBERS



FTEs

**184.8**

AVERAGE OVER 2025

**186.2** AT THE END OF 2025

## GENDER



STAFF  
FEMALE



STAFF  
MALE

**39%**

**61%**

## DEMOGRAPHICS

NUMBER OF STAFF NATIONALITIES **47**

NUMBER OF LANGUAGES **41**

TURNOVER **5.42%**

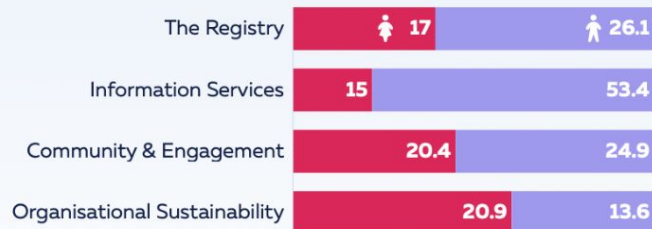


FTE CONSULTANT VIA  
EMPLOYER OF RECORD

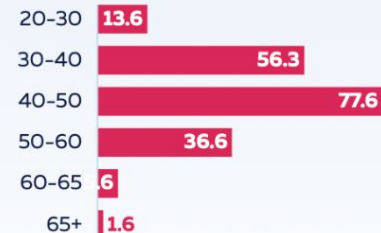
**5**

AVERAGE OVER 2025

## GENDER PER FUNCTIONAL AREA\*



## AGE GROUPS\*



[READ MORE](#)

\*As of 31 December 2025 and include Employees of Record.

# GENERAL MEETING

The RIPE NCC holds General Meetings (GMs) twice each year in spring and in autumn. The GM is where members can discuss the operations and activities of the RIPE NCC and share their feedback. Members also vote on the Charging Scheme for the following year, elect representatives on the RIPE NCC Executive Board and give feedback on our Activity Plan and Budget.

At the May 2025 General Meeting, the membership adopted the RIPE NCC Charging Scheme 2026, which keeps the annual contribution and resource-related charges unchanged from the 2025 Charging Scheme. Under this scheme, the annual contribution per LIR account remains at EUR 1,800, the separate charge per independent Internet number resource assignment stays at EUR 75, and the additional fee per ASN assignment remains at EUR 50. This Charging Scheme was designed to provide continuity while the Charging Scheme Task Force identified principles for future years.

At this same General Meeting, Randy Bush was elected to the Board and Ondřej Filip was re-elected.

At the October 2025 General Meeting, members approved the redistribution of the excess contribution/deficit paid in the financial year 2025.

## ELIGIBLE MEMBER TURNOUT

May 2025

5.3%

October 2025

4.1%

## REGISTERED VOTES

May 2025

1,207

October 2025

1,004

## CAST VOTES

May 2025

1,039

October 2025

801

## NUMBER OF COUNTRIES

May 2025

68

October 2025

70



- » GM May 2025: A Deep Dive Into Low Turnout. [Read more](#)
- » GM October 2025: A Look at Dedicated Voters. [Read more](#)

# LEGAL FRAMEWORK, LEGAL COMPLIANCE AND TRANSPARENCY

We aim to constantly enhance our legal framework. We also aim to be transparent with regards to requests we receive in compliance with the applicable legislation and with the RIPE NCC legal framework.

## LEGAL FRAMEWORK

In 2025, we amended the following RIPE NCC legal documents:

- » RIPE NCC Privacy Statement
- » RIPE Database Acceptable Use Policy
- » RIPE Fellowship Terms and Conditions
- » RIPE Academic Cooperation Initiative Terms and Conditions
- » RIPE NCC Conflict Arbitration Procedure
- » RIPE NCC LIR Account Agreement
- » RIPE Database Terms and Conditions
- » RIPE NCC Publish in Parent Service and Repository Terms and Conditions
- » RIPE NCC Certification Repository Terms and Conditions
- » RIPE NCC Certification Service Terms and Conditions
- » RIPE Atlas Service Terms and Conditions
- » RIPE NCC Treasury Statute

In particular, the following amended RIPE NCC legal documents include amendments that aim to ensure our members' compliance with the Digital Operational Resilience Act (DORA):

- » RIPE NCC LIR Account Agreement
- » RIPE Database Terms and Conditions
- » RIPE NCC Certification Service Terms and Conditions

- » RIPE NCC Certification Repository Terms and Conditions
- » RIPE NCC Publish in Parent Service and Repository Terms and Conditions

integrity of the RIPE Registry and demonstrate the chain of custody over Internet number resource registration.

requests were to confirm if we are processing any data concerning the relevant requesters and, if necessary, provide them access to their data. We complied with their requests.

## COMPLIANCE

In line with the obligations of Article 16 of Regulation (EU) 2016/679 (GDPR) and Article 17 of Regulation (EU) 2016/679, otherwise known as the Digital Services Act (DSA), in 2024 the RIPE NCC introduced a notification mechanism on the RIPE NCC website that allows an individual or entity to notify the RIPE NCC of the presence of content that they consider to be illegal on any of the services hosted by the RIPE NCC.

In 2025, the RIPE NCC received 1 DSA notice requesting the removal of a picture from the RIPE 90 presentation due to infringement of copyrights. After verifying the authenticity of this request, the RIPE NCC complied with

information associated with a maintainer object in the RIPE Database or a (former) RIPE NCC member. It is crucial to retain this type of information in order to preserve the integrity of the RIPE Registry and demonstrate the chain of custody over Internet number resource registration.

## Legal framework amendments

## Facilitating member compliance with DORA

## DSA compliance

## Revising ICP-2

# SANCTIONS AND MEMBER RESOURCES

**In 2025, we continued investing time and effort in screening potentially sanctioned members or End Users. This included reviewing whether non-sanctioned members or End Users were owned or controlled by sanctioned parties.**

To ensure compliance, we have invested in a third-party sanctions screening tool to automate this process; however, our manual follow-up due diligence checks still required substantial effort from us. In cases where a member or End User is found to be subject to sanctions, we are required to freeze their registered resources in the RIPE Database. However, we do not have to deregister these resources or terminate memberships.

After the introduction of an exemption applicable to Internet number resources in the EU Sanctions Regulation against Russian entities and individuals, we were investigating the possibility of a blanket exemption from all EU sanctions for Internet number resources. However, the geopolitical situation in our service region has not helped these efforts.

Since 2021, we have also been dealing with ongoing banking issues as many banks are hesitant to accept payments from individuals or entities in Iran and Syria. This has prevented many of our Iranian and Syrian members from being able to fulfil their financial payment

obligations to us. We have therefore offered payment extensions to these members until we resolve the issues with our banks and are seeking a long-term solution to this situation.

[READ MORE](#)

## QUARTERLY SANCTIONS TRANSPARENCY REPORTS

To keep members informed, we publish quarterly sanctions transparency reports on how RIPE NCC members, End Users and legacy resource holders are affected by sanctions. In 2025, we published four reports:

**ripe-837  
Q1 2025**

[READ MORE](#)

**ripe-842  
Q2 2025**

[READ MORE](#)

**ripe-845  
Q3 2025**

[READ MORE](#)

**ripe-846  
Q4 2025**

[READ MORE](#)

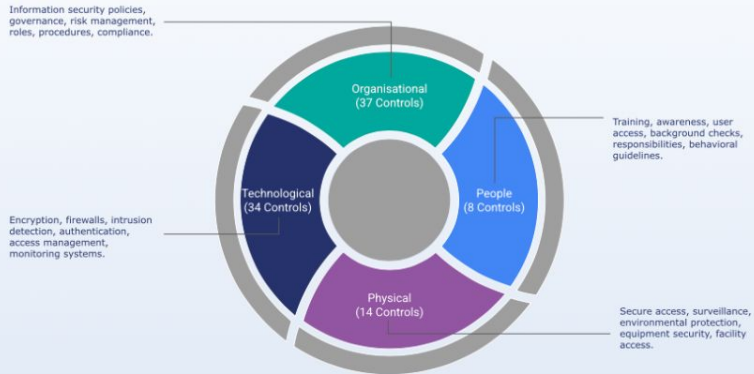
# COMPLIANCE EFFORTS

In 2025, we continued to prioritise compliance and transparency, delivering the majority of initiatives set out in the Activity Plan.

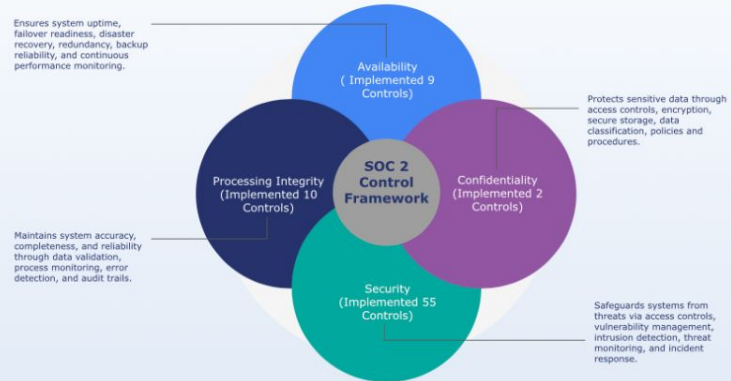
We completed the ISAE 3000 / SOC 2 Type II RPKI audit, building on the prior year's Type I assessment, and confirmed through internal control testing that our RPKI processes are operating effectively against the established control framework. We also strengthened transparency by launching a Trust portal, providing stakeholders with accessible, high-level information on the RIPE NCC's compliance with

regulatory and information security standards. Work to establish compliance with the ISO/IEC 27001 standard continued throughout the year and remains ongoing, with a focus on improving business continuity readiness and formalising data governance to support evolving regulatory requirements, including NIS2.

## ISO 27001 ANNEX A CONTROL THEMES - UNDER IMPLEMENTATION



## SOC 2 CONTROL FRAMEWORK CONTROLS - IMPLEMENTED



# OVERVIEW OF THE RIPE NCC BUDGET AND EXPENSES 2025

## Budget and Expenses (in kEUR)

Total budget	40,000		5,600		12,200		9,800		11,375		1,025
Actual expenses	38,952		5,258		12,806		9,668		10,156		1,064
	The Registry		Information Services		External Engagement & Community		Organisational Sustainability		Bad Debts and Depreciation		

### The Registry

Total budget	2,550		1,550		1,500	
Actual expenses	2,410		1,492		1,356	
	Registration of IP Addresses and ASNs		Membership Administration		Registry Accuracy and Investigations	

### External Engagement & Community

Total budget	5,850		1,850		2,100	
Actual expenses	5,857		1,740		2,071	
	Community Building & Engagement		Community Learning & Development		Community Coordination & Collaboration	

### Information Services

Total budget	2,700	1,150	700	1,050	1,550	600	850	3,600
Actual expenses	2,997	1,374	672	1,085	1,220	857	261	4,340
	LIR Portal	RPKI	RIPE Database	DNS and K-Root	RIPE Atlas	RIPE-stat	RIS	IT Support

### Organisational Sustainability

Total budget	2,150	1,100	1,200	1,700	3,000	1,900	325
Actual expenses	2,049	1,494	1,320	1,620	1,664	1,715	294
	Facilities	HR	Legal	Finance	Information Security, Risk and Compliance	Office of the Managing Director	RIPE Chair

# OVERVIEW OF COSTS PER ACTIVITY IN 2025 (IN kEUR)

These figures are not part of the Financial Report and as such have not been audited by an external third party. These figures serve only as indications of the costs relating to these activities.

	Budget Operational Expense 2025	Actual Operational Expense 2025	Variance 2025	Actual Operational Expense 2024
The Registry	5,600	5,258	(342)	5,063
Registration of IP Addresses and ASNs	2,550	2,410	(140)	2,306
Membership Administration	1,550	1,492	958)	1,473
Registry Accuracy and Investigations	1,500	1,356	(144)	1,284
Information Services	12,200	12,806	606	12,297
LIR Portal	2,700	2,997	297	2,367
RPKI	1,150	1,374	224	1,445
RIPE Database	700	672	(28)	634
DNS and K-Root	1,050	1,085	35	1,030
RIPE Atlas	1,550	1,220	(330)	1,464
RIPEstat	600	857	257	528
RIS	850	261	(589)	630
IT Support	3,600	4,340	740	4,199
External Engagement & Community	9,800	9,668	(132)	8,276
Community Building & Engagement	5,850	5,857	7	4,974
Community Learning & Development	1,850	1,740	(110)	1,727
Community Coordination & Collaboration	2,100	2,071	(29)	1,575
Organisational Sustainability	11,375	10,156	(1,219)	9,637
Facilities	2,150	2,049	(101)	2,157
HR	1,100	1,494	394	1,059
Legal	1,200	1,320	120	1,068
Finance	1,700	1,620	(80)	1,590
Information Security and Compliance	3,000	1,664	(1,336)	1,478
Office of the Managing Director	1,900	1,715	(185)	2,018
RIPE Chair	325	294	(31)	267
<b>RIPE NCC</b>	<b>38,975</b>	<b>37,888</b>	<b>(1,087)</b>	<b>35,273</b>
Bad Debts	375	496	121	356
Depreciation	650	568	(82)	621
<b>RIPE NCC TOTAL</b>	<b>40,000</b>	<b>38,952</b>	<b>(1,048)</b>	<b>36,250</b>



# RIPE NCC Annual Report 2025

<https://www.ripe.net/media/documents/ripe-855.pdf>

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