



RIPE NCC
RIPE NETWORK COORDINATION CENTER

Report from the RIPE NCC

1. The Registry



Registration Services

- Implementing findings from external audit of Registry procedures
- Supporting the RIPE community in the development of RIPE Policies
- Providing the best possible registration services to our members

Member Services

- Reducing the number of outstanding invoices while increasing our quality of service

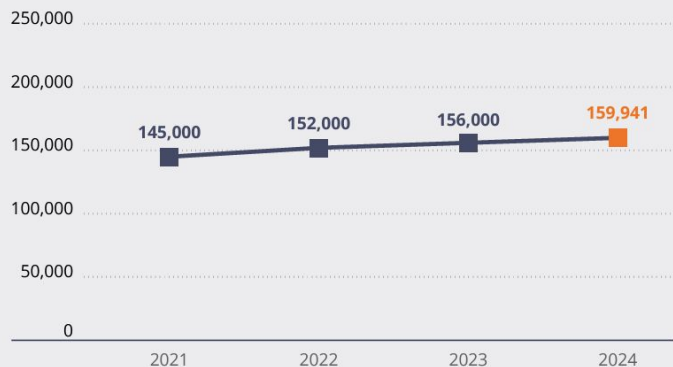
Registry Monitoring

- Aiming to complete a total of 2,500 ARCs (currently at 2,452)

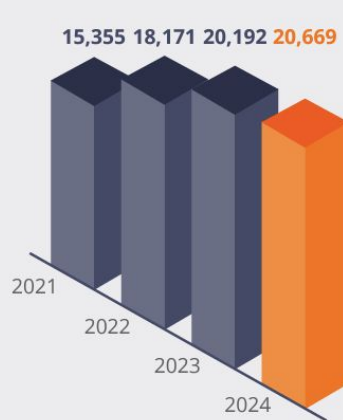
1. The Registry



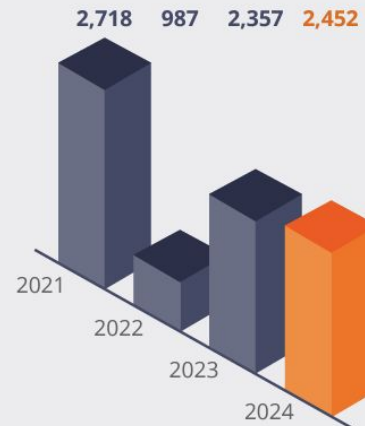
Internet Number Resource Records in the RIPE Registry



Resource Certificates (RPKI)



Assisted Registry Checks Completed



2. Information Services



LIR Portal

- Finalising changes in relation to End Users and how we store their information
- UI improvements and software update

RPKI

- New dashboard
- Type 1 and Type 2 ISAE 3000 audits

RIPE Database

- Implemented Inetnum AGGREGATED-BY-LIR status (RIPE-822)
- Implemented max references and block by IP prefix to mitigate production issues in Whois update
- Impact analysis of removing MD5 hashed passwords and API key implementation

2. Information Services



RIPE Atlas

- Unifying the probe firmware such that it can be easily installed on the most popular Linux distributions as a software package
- RIPE Atlas infrastructure has been modernised
- Data centre reduction made possible by infrastructure modernisation

RIPEstat

- Continuing to work toward a unified UI, to be in place by 2025

RIS

- Adjusted our peering strategy so that we collect more useful data
- Continuing to improve the quality of the data
- In process of migrating RIS data from our data centre to the cloud, with all datasets already in intermediate environment ahead of full migration

2. Information Services



DNS and K-Root

- Carried out awareness and outreach activities that led to an increase in our hosted K-root nodes (108 -> 121) and AuthDNS instances (15 -> 23)
- Started the process of [sunsetting ns.ripe.net](https://www.ripe.net/sunsetting-ns-ripe-net), with 65% of zones no longer using the service

IT Support

- Focused on efficiency and reducing complexity in our infrastructure
- Containerising our applications and deploying them in Kubernetes clusters, either on-premises or in the cloud
- Simplified our storage platform by adopting a hybrid two-tier architecture, which reduced costs while meeting the capacity, resilience and performance requirements of our applications

3. External Engagement and Community



How to Get IP Addresses for Your Network

Available Options

IP Allocation	IP Allocation
Option 1: Request an IPv4 Allocation from the RIPE NCC	Option 2: Request an IPv4 Allocation from the RIPE NCC
Option 3: Request an IPv6 Allocation from the RIPE NCC	Option 4: Request an IPv6 Allocation from the RIPE NCC
Option 5: Request an IPv4 Allocation from a RIPE NCC Member	Option 6: Request an IPv4 Allocation from a RIPE NCC Member
Option 7: Request an IPv6 Allocation from a RIPE NCC Member	Option 8: Request an IPv6 Allocation from a RIPE NCC Member
Option 9: Request an IPv4 Allocation Through a Sponsoring Member	Option 10: Request an IPv6 Allocation Through a Sponsoring Member
Option 11: Request an IPv4 Allocation Through a Sponsor of the Space	Option 12: Request an IPv6 Allocation Through a Sponsor of the Space

Messages from a RIPE NCC Member

Useful resources

- 1. [How to get IP addresses from the RIPE NCC](#)
- 2. [How to get IPv6 addresses from the RIPE NCC](#)
- 3. [How to get IPv4 addresses from a RIPE NCC Member](#)
- 4. [How to get IPv6 addresses from a RIPE NCC Member](#)
- 5. [How to get IPv4 addresses through a sponsoring member](#)
- 6. [How to get IPv6 addresses through a sponsoring member](#)
- 7. [How to get IPv4 addresses through a sponsor of the space](#)
- 8. [How to get IPv6 addresses through a sponsor of the space](#)

RIPE Labs PODCAST

Mikhail Anisimov: Developing the DNS Under Pressure

Paola Grosso: Defining a Responsible Internet



📍 Krakow, Poland

📅 20 - 24 May 2024



📍 Bishkek, Kyrgyzstan

📅 24-25 September 2024



📍 Bucharest, Romania

📅 1 October 2024

3. External Engagement and Community



Welcome to the RIPE NCC

As the Regional Internet Registry for Europe, Middle East and Central Asia, we serve over 20,000 members in 76 countries. We register IP addresses and ASNs, and act as the secretariat to the RIPE community.

About the RIPE NCC →

LIR Portal ↗

Latest news

Member Update: October 2024

Read the monthly RIPE NCC Member Update for October 2024.

24 Oct 2024 member update +3

New Resource Certification (RPKI) Dashboard

The RIPE NCC has launched a new Resource Certification (RPKI) dashboard to manage the Route Origin Authorizations (ROAs) for BGP announcements.

16 Oct 2024 routing +1

View all news →

NRO Announcement on AFRINIC

The NRO views the ruling made by the court on 15 October 2024, prioritising the importance of organizing elections, as a positive development.

23 Oct 2024 nro +2

RIPE NCC Registry Management Change

RIPE NCC is currently recruiting a Chief Registry Operations Officer to lead the Registry services team.

16 Oct 2024 ripe ncc +1

RIPE NCC Quarterly Sanctions Transparency Report (Q4 2024) Published

Our latest Quarterly Sanctions Transparency Report (Q4 2024) is now available.

18 Oct 2024 news +3

Minutes of the 177th Executive Board Meeting Published

The RIPE NCC Executive Board held its 177th meeting from 18-20 September 2024. The minutes are now available.

16 Oct 2024 ripe ncc +2



3. External Engagement and Community



RIPE NCC | IPs & ASNs | Analyse | Community | Membership | Events | Training | Docs | About

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Languages

Find information about the RIPE NCC translated into six languages.

[Visit page →](#)

English <ul style="list-style-type: none">How to Become a MemberBilling, Fees and PaymentsHow to Get IP AddressesHow to Transfer IP Addresses and ASNsHow to get involved at the RIPE NCCHow the RIPE NCC is RunHow to Find Abuse Contact InformationTraining and Certification	Italiano <ul style="list-style-type: none">Come associarsiCosti, fatturazione e pagamentiCome ottenere indirizzi IPCome trasferire indirizzi IP e ASNCome partecipare al RIPE NCCCome viene gestito il RIPE NCCCome trovare informazioni di contatto sugli abusiFormazione e certificazione	فارسی <ul style="list-style-type: none">نحوه عضویتصنود صورتحساب، هزینهها و پرداختهارا کرفت IP چگونه میتوان آدرس هایو شماره های سیستم خودمختار IP نحوه انتقال آدرس هایRIPE NCC نحوه همکاری با مرکز هماهنگی شبکهنحوه اداره RIPE NCCنحوه یافتن اطلاعات تماس سوءاستفادکنرآموزش و اعطای کواهی
Türkçe <ul style="list-style-type: none">RIPE NCC'ye Nasıl Üye Olabilirsiniz?Faturalandırma, Ücretler ve ÖdemelerIP Adresleri Nasıl AlınırIP Adreslerinin ve ASN'lerin AktarılmasıRIPE NCC'nin faaliyetlerinde nasıl yer alınırRIPE NCC Nasıl ÇalışırKötüye Kullanımdan Sorumlu İrtibat Kişisinin Bilgileri Nasıl Bulunur?Eğitim ve Sertifikalar	Русский <ul style="list-style-type: none">Как стать членом RIPE NCCОформление счетов, взносы и платежиКак получить IP-адресаКак передавать IP-адреса и ASNКак принять участие в работе RIPE NCCКто руководит RIPE NCCКак найти контактную информацию для обращений касательно злоупотребленийОбучение и сертификация	
Español <ul style="list-style-type: none">Cómo hacerse miembroFacturación, cuotas y pagosCómo obtener direcciones IPCómo transferir direcciones IP y ASNCómo involucrarse en RIPE NCCCómo funciona el RIPE NCCCómo encontrar información de contacto de abusoFormación y certificación	عربي <ul style="list-style-type: none">كيف تصبح عضواًرسوم العضويةIP كيفية الحصول على عناوينASN وأرقام IP كيفية نقل عناوينRIPE NCC كيف تشارك فيRIPE NCC كيف تُداركيف تصل إلى معلومات الاتصال الخاصة بإساعة الاستخدامالتدريب والشهادات	

3. External Engagement and Community



Social Media

X
@ripemcc @ripelabs
@ripemeeting



27,589
followers

Facebook
@ripemcc



7,149
followers

LinkedIn
RIPE NCC



16,220
followers

Youtube
@ripemcc



4,410
subscribers

Instagram
ripe_ncc



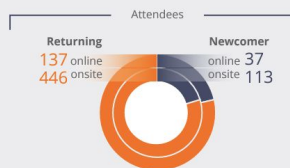
410
followers

Mastodon
@ripemcc@mastodon.social



609
subscribers

RIPE 87 Rome

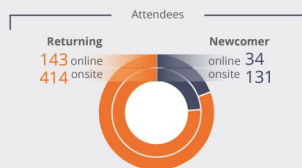


41 countries participated onsite
58 countries participated online
8 Sponsors



Top 5 Countries

RIPE 88 Kraków



59 countries participated onsite
47 countries participated online
9 Sponsors



Top 5 Countries

RIPE Labs Statistics



116
articles
published



30,890
unique page
views per month
(average)



Popular content
1. RIPE Atlas 2. IPv6
3. Measurements and tools
4. Routing 5. Internet
number resources



3. External Engagement and Community



Learning and Development

- Reduced our budget for in-person training, with almost the same number of courses
- New e-learning experiences and in-person courses with a focus on topics in LIR/RIPE NCC membership and IPv6
- Improved engagement and user experience in the RIPE NCC Academy: ran Summer School and celebrated its [10-year anniversary](#)

Coordination and Collaboration

- RIPE NCC Roundtable Meetings and participated in relevant intergovernmental fora on behalf of the technical community
- Contributed to [consultations](#) on the UN's Global Digital Compact, NIS2 implementation and more

3. External Engagement and Community



Research

- Being a centre of data, tools and insight is one of the RIPE NCC's top priorities
- We have been taking stock of what we have internally in terms of data sources, code and building blocks to optimise the data-to-insight process and reduce the time to insight
- We have been able to produce special regional reports for events, such as [adoption of Internet technology](#) in Central Asia for CAPIF 3, Report on [IXPs in the Middle East](#)



4. Organisational Sustainability



Facilities and Support

- Evaluating office space needs for the next five years
- Investigating improvements to staff travel processes for 2025 and reviewing our current insurance portfolio

Human Resources

- Talent and leadership development programme
- Optimising HR policies, processes and systems

Legal

- Supporting the work of the NRO
- Contributing to the revision of the ICP-2 “Criteria for Establishment of New Regional Internet Registries” document
- Sanctions compliance work still significant
- Review of current and upcoming EU legislation

4. Organisational Sustainability



Finance

- Working on solutions for income in “Ultra High Risk” countries
- Supporting the [Charging Scheme Task Force 2024](#)
- New RIPE NCC Middle East FZ-LLC
- Continually improving reporting and planning

Information Security, Risk and Compliance

- Received an [ISAE 3000/SOC 2 Type 1 assurance report](#) for RPKI
- Two-factor authentication (2FA) [now mandatory](#) on RIPE NCC Access accounts
- Security awareness training for staff
- Enhanced security tooling coverage
- Vulnerability management

4. Organisational Sustainability



Office of the Managing Director

- Support of the [NRO RPKI program](#)
- [RIPE NCC Community Projects Fund](#) on hold for next year pending review
- Supporting Board travel
- ASO AC travel
- Chairing NRO EC from 1 November
- Reviewing strategic objectives ahead of planning 2027-2031 strategic cycle



Questions & Comments

