



**RIPE NCC**  
RIPE NETWORK COORDINATION CENTRE

# RIPE NCC Update

Hans Petter Holen | ARIN 53 | 16 April 2024

# 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)



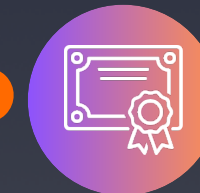
## RIPE Labs

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



# Strategic Focus Areas



## Strategic Objectives 2022-26

1	Support an open, inclusive and engaged RIPE community
2	Operate a trusted, efficient, accurate and resilient Registry
3	Enable our members and community to operate one secure, stable and resilient global Internet
4	Maintain a stable organisation with a robust governance structure
5	Attract engaged, competent and diverse staff

1

### Data, Measurement and Tools

Be a centre of excellence for data, measurements and tools that provide insight on the Internet and its operations

2

### Stability

Ensure the organisation's stability and financial strength

3

### Resilience

Be resilient in the face of political, legislative and regulatory changes that have the potential to affect our operations

4

### Security and Compliance

Maintain necessary levels of security and compliance with best practices and applicable regulations

# Annual and Financial Reports



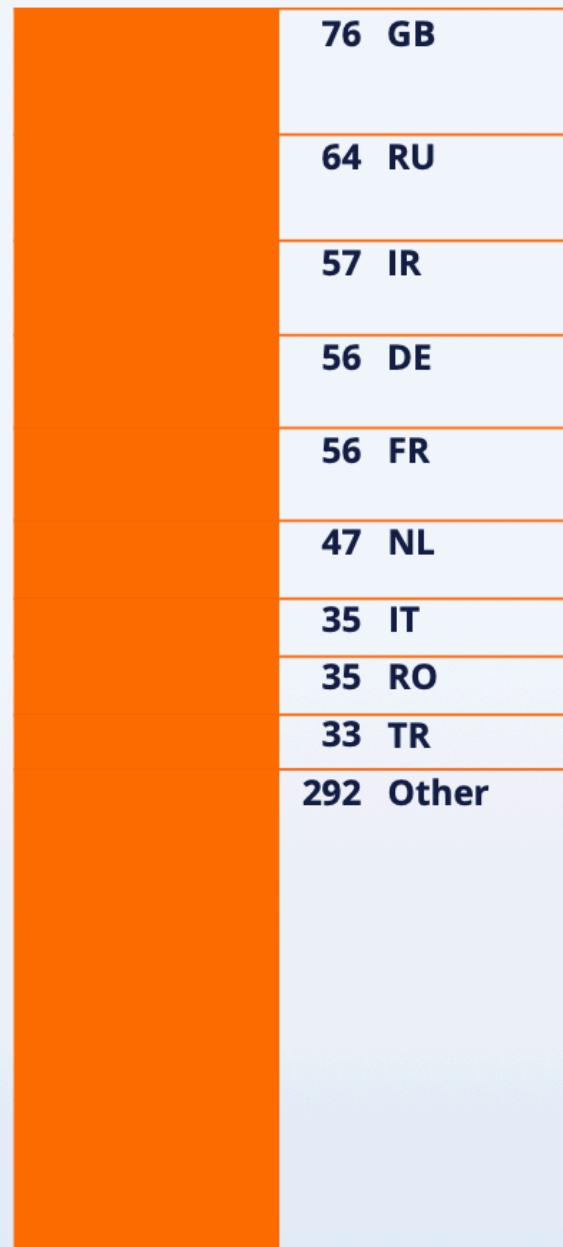
- We recently published our 2023 Annual Report and Financial Report
- Last year, we focused on finding cost efficiencies and building resilience to financial, regulatory and geopolitical developments
- Another focus was enhancing our information security compliance and risk mitigation efforts
- Alongside this, we developed our data storytelling and outreach, building capacity in our service region



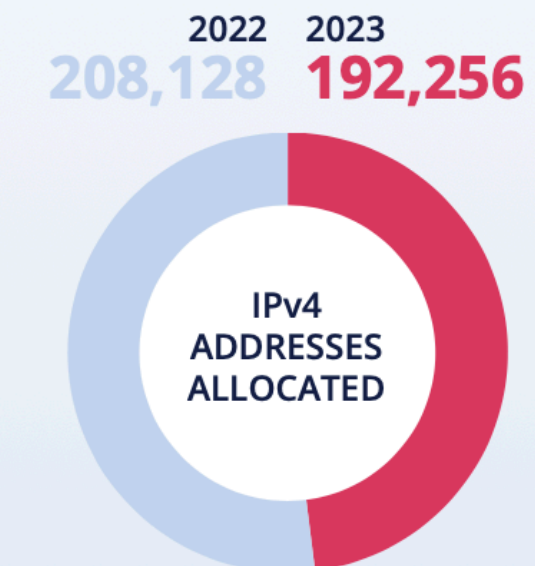
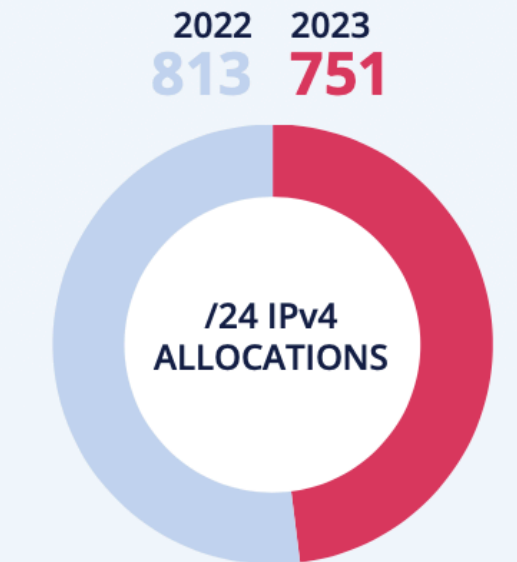
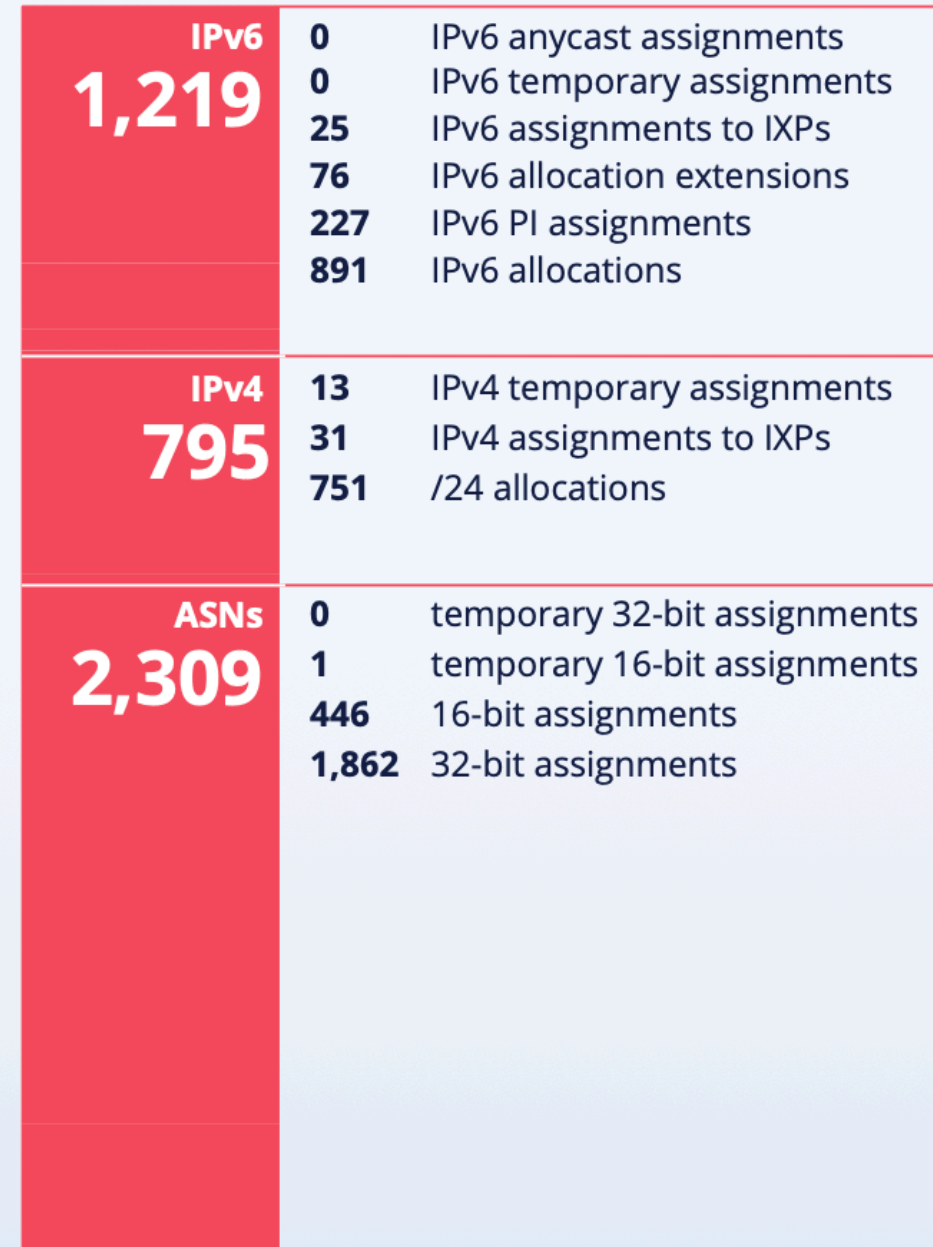
# Annual Report Highlights



## IPv4 /24 ALLOCATIONS BY COUNTRY



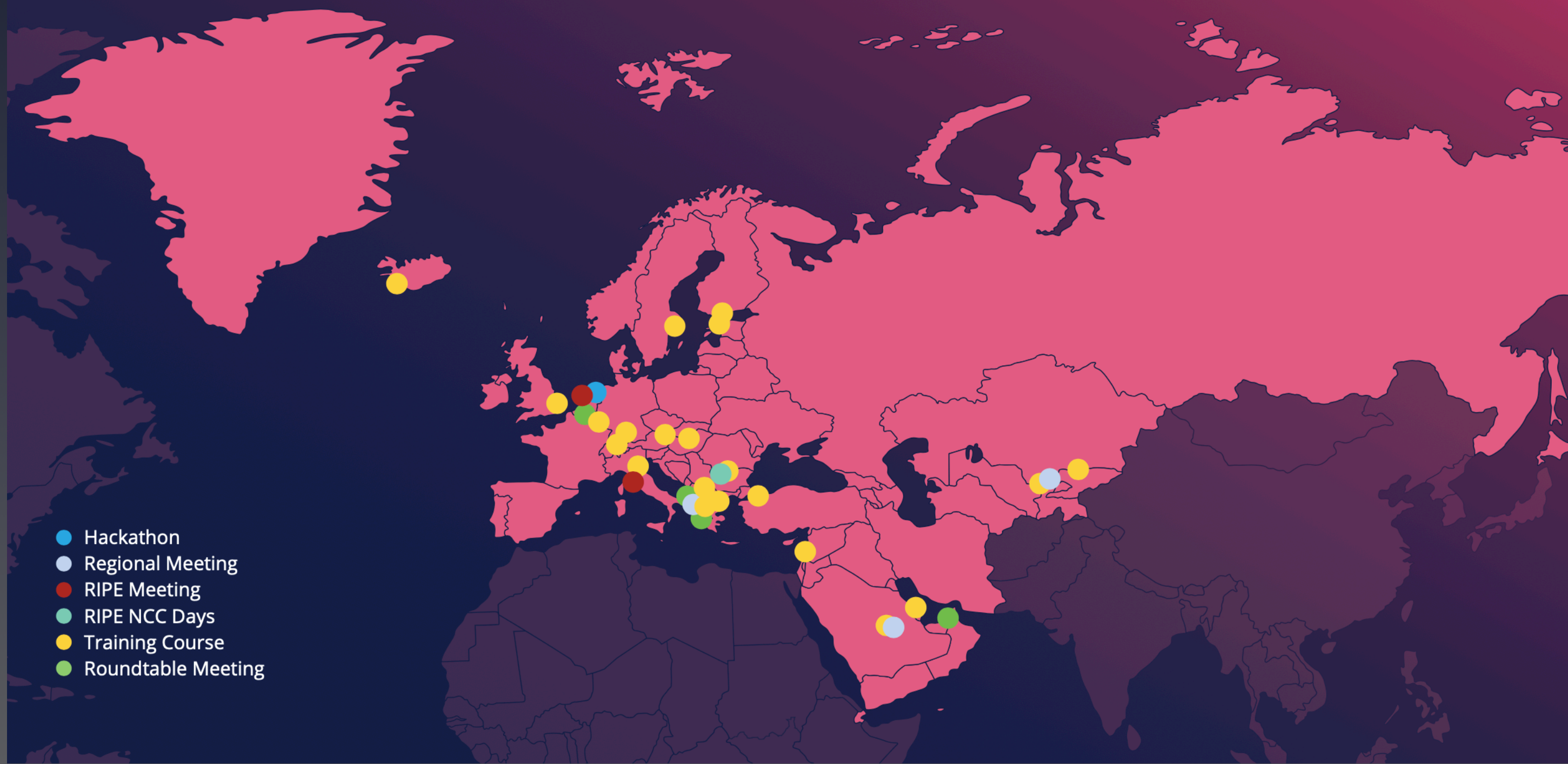
## ALLOCATIONS AND ASSIGNMENTS



# Annual Report Highlights



## OUR IN-PERSON EVENTS IN 2023





# Security and Compliance



## ISO/IEC 27001 Information Security Framework

Working towards certification

## Single Sign-On

Stronger password requirements

Mandatory two-factor authentication rollout

Monitoring of publicly leaked credentials, automated password reset

## GDPR and Sanctions Compliance

Continued efforts to maintain compliance with GDPR, sanctions, the Digital Services Act and other regulations



# Strategy and Geopolitics



- Continues to be a balancing act
- Managing diverse expectations
- New voluntary transfer lock policy to prevent forced transfers
- Sanctions compliance is a priority
- We publish quarterly sanctions transparency reports about the effects of sanctions on RIPE NCC resource holders:

<https://www.ripe.net/publications/docs/ripe-817/>



# Data, Measurements and Tools



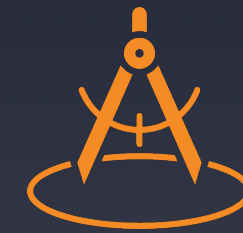
## Targeting

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 Labs



- Our platform to showcase new tools, analyses and research
- One of our latest articles takes a look at the development of legacy address space over the past 10 years: <https://labs.ripe.net/author/xavier/10-years-of-legacy-policy/>



# Sharing Insights: IXP Report



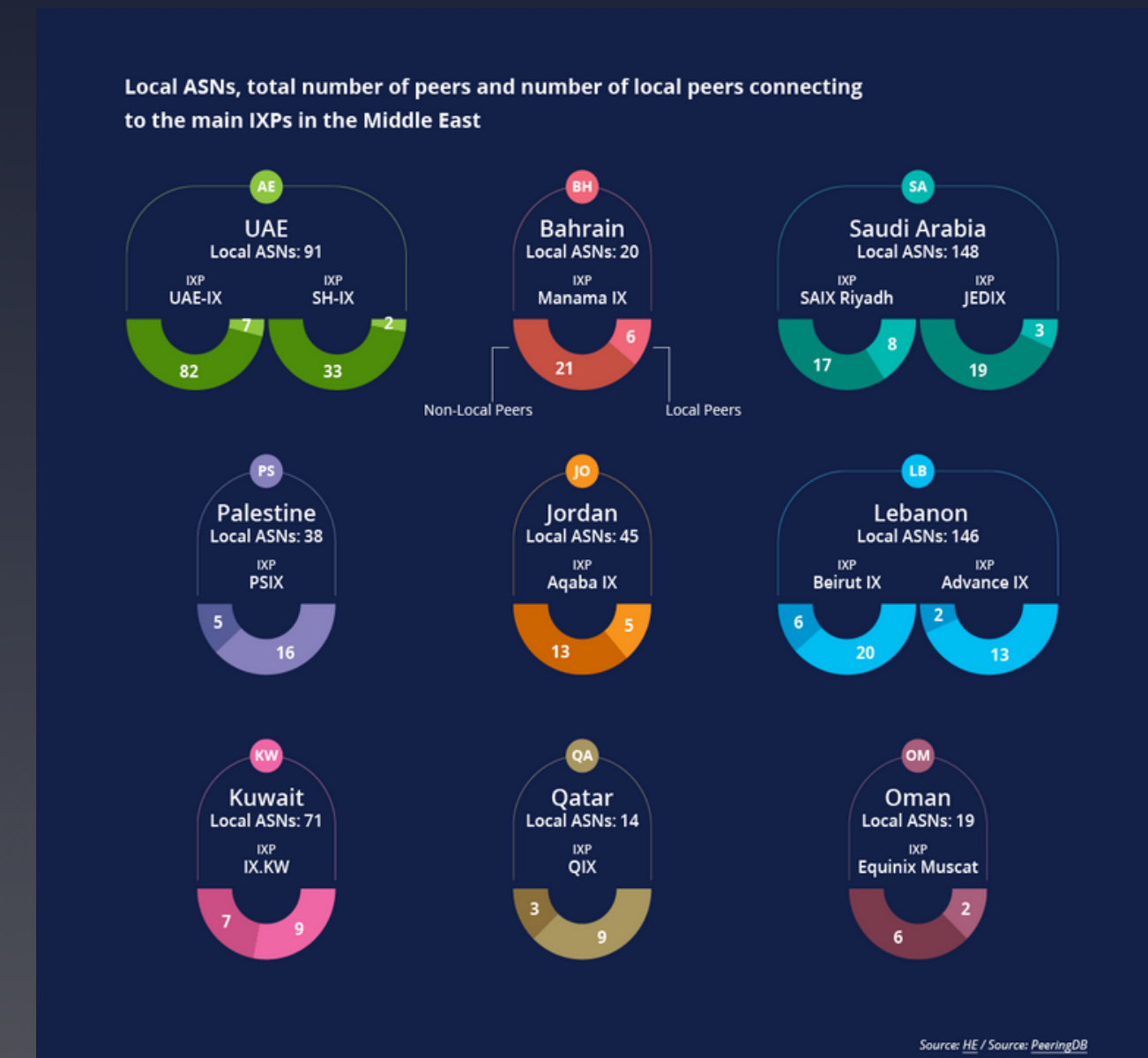
## Unlocking Digital Growth: The Role of IXPs in the Middle East

This report analyses the Internet Exchange Point (IXP) landscape in the Arabic-speaking countries in the Middle East, and presents a benchmarking framework to evaluate their effectiveness:

- Keeping local traffic local
- Fostering local interconnection for developing a digital economy
- Attracting global cloud and content players
- Becoming a hub for exchanging regional traffic

It examines enabling circumstances to achieve these objectives and provides recommendations for the future.

<https://labs.ripe.net/author/jadelcham/unlocking-digital-growth-the-role-of-ixps-in-the-middle-east/>



Download the report on  
RIPE Labs:

<https://labs.ripe.net/>





# Sharing Insights: Study on Sanctions



## Sanctions and the Internet: A Report

Policymakers, tech companies, and other actors that deal with sanctions and care about their impact on access to the Internet can use the report to:

- Decide which Internet actors are or can be affected by sanctions and whether there is a major impact on Internet access now or in the future
- Pursue strategies that impose targeted (smart) sanctions that do not impact access to the Internet
- Contribute to clear compliance regimes that mitigate the impact of sanctions on access to the Internet

This report was produced by Digital Medusa and funded by the RIPE NCC.

<https://labs.ripe.net/author/farzaneh-badiee/sanctions-and-the-internet-a-report/>



Download the report  
on RIPE Labs:

<https://labs.ripe.net/>

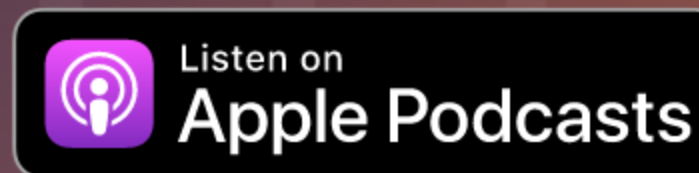






**WE SHARE THE IDEAS  
THAT HELP  
SHAPE THE INTERNET**

[labs.ripe.net/category/podcasts](https://labs.ripe.net/category/podcasts)



# Redesigned [www.ripe.net](http://www.ripe.net)



**RIPE NCC** | IPs & ASNs | Analyse | Participate | Community | Support | Publications | About

## 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

- **Minutes of the 173rd Executive Board Meeting Published**  
The minutes of the 173rd RIPE NCC Executive Board Meeting, held over 21-29 December 2023, have now been published.  
22 Feb 2024 | ripe ncc | +3
- **Call for Volunteers for Executive Board Election Code of Conduct Team**  
The call for volunteers to join the Executive Board Election Code of Conduct Team is open until 6 March 2024.  
15 Feb 2024 | general meeting | +2
- **The RIPE Chair Team Reports - February 2024**  
The latest update from the RIPE Chair Team is now available on RIPE Labs.  
07 Feb 2024 | ripe community update
- **A Week of Internet Networking Events in Athens, Greece**  
Join us for a week of Internet Networking Events in Athens, Greece from 19 -23 April 2024.  
05 Feb 2024 | nog | +6
- **Member Update: January 2024**  
Read the monthly RIPE NCC member update for January 2024.  
25 Jan 2024 | member update | +3
- **RIPE 88: Registration Open**  
Registration is now open for RIPE 88, taking place in a hybrid format, online and in Krakow from 20 -24 May 2024.  
23 Jan 2024 | ripe meeting | +2

[View all news](#) →

### Service Announcements

- **rrc10.ripe.net hardware replacement**
- **Planned maintenance: RPKI Dashboard and API**
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**RIPE** | IPs & ASNs | Analyse | Participate | Community | Support | Publications | About

The RIPE Chair Team | RIPE Code of Conduct | Working Groups | RIPE Community Plenary | Diversity | Task Forces | NRO NC/ASO AC | Academic Cooperation (RACI) | RIPE Fellowship | Rob Blokzijl Found→

## Réseaux IP Européens (RIPE)

Réseaux IP Européens (RIPE, French for "European IP Networks") is a forum open to all parties interested in wide area IP networks. The objective of RIPE is to ensure the administrative and technical coordination necessary to enable the operation of the Internet.

[About RIPE](#) → [RIPE Mailing Lists](#) →

### Working Groups

To start participating in a Working Group, simply subscribe to its mailing list and follow the discussions.

[Working Groups](#) →

### Task Forces

Follow the work of the currently active Task Forces.

[Task Forces](#) →

### Policy Discussions

View policy proposals currently under discussion.

[Policy Discussions](#) →

### RIPE Community Updates

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23 Jan 2024 | ripe meeting | +2
- **The redesigned ripe.net is now live**  
The latest version of ripe.net was released on 18 January at
- **NRO NC November 2023 Election Results**  
An election to fill one seat on the NRO NC took place during
- **Randy Bush Receives Rob Blokzijl Award**  
Randy Bush has been awarded the 2023 Rob Blokzijl Award

# Email and Other Challenges



- Recent changes by Google, Yahoo and Microsoft on how they deliver email could impact our communications
- Questioning our reliance on mailing lists
- Bringing in new audiences
- Perhaps it's time to stop thinking of having “one channel” of communication
- Multiple channels and conversations: messaging groups, RIPE NCC Forum, looking into launching our own Mastodon server



# Our Events in 2024



## SEE 12

Athens, Greece  
22-23 April 2024

## RIPE 88

Krakow, Poland  
20-24 May 2024

## CAPIF 3

Bishkek, Kyrgyzstan  
24-25 Sept 2024

## RIPE 89

TBD  
28 Oct - 1 Nov 2024

## MENOG 24

TBD  
27-28 Nov 2024





Join us at

**RIPE 88**  
Kraków, Poland  
20 - 24 May 2024

[ripe88.ripe.net](https://ripe88.ripe.net)





# Questions



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