



RIPE NCC

RIPE NETWORK COORDINATION CENTRE

RIPE NCC: Engagement Opportunities

The RIR System



source: <https://www.ripe.net/participate/internet-governance/internet-technical-community/the-rir-system>

The Role of an RIR



- •RIPE NCC
- •Located in Amsterdam, Netherlands
- •Not-for-profit Organisation
- •20,000+ members

The Role of an RIR



- Distributes IPv4, IPv6 and ASNs
- Provides training courses
- Maintains the RIPE Database
- Supports the RIPE community
- Develops tools such as:
 - RIPE Atlas
 - RIPEstat
 - Resource Certification (RPKI)



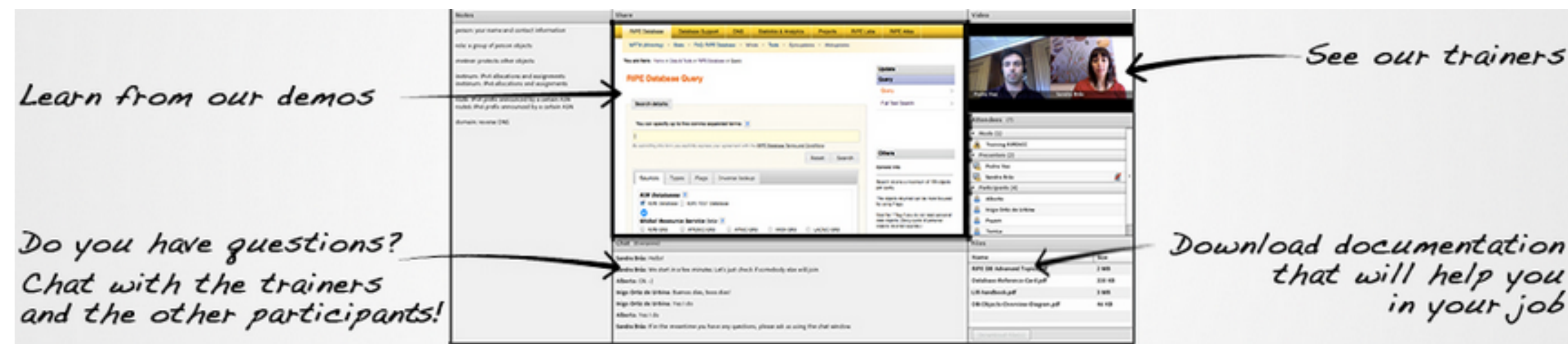
Online Learning

Webinars and More

Webinars



- We offer the webinars on the following topics:
 - Internet Routing Registry (New)
 - RIPE Atlas
 - RIPE Database (Intro and Advanced)
 - IPv6 Addressing Plan
 - IPv6 in the RIPE Database
 - New LIRs



RIPE NCC Academy



- Professional online courses:
 - Local Internet Registry, RIPE Database Expert, IPv6
- Certify your knowledge (for free!)
- academy.ripe.net





RACI

RIPE Academic Cooperation Initiative

About RACI



- Started in 2013 as a way to connect the RIPE community with the research community
- Offers academics the chance to present their work, make connections and get feedback
- Successful applicants receive complimentary tickets, travel and accommodation to meetings
- All applicants can publish their work through RIPE Labs (labs.ripe.net)

Examples of Relevant Topics



- Network measurements and analyses
- IPv6 deployment
- BGP routing
- Network security
- Internet governance
- Peering and interconnectivity
- Internet of Things

Get Involved



ripe.net/raci



ripe.net/raci/mailling-list



[@RACI_RIPE](https://twitter.com/RACI_RIPE)



ripe.net/linkedin



Academic Engagement

Workshops and Information Sessions



- Phase 1 activities usually include half-day workshop/information session with partner universities/institutions
- Topics covering Internet Fundamentals, Data Analytics, Trends in Telecom Sector, Domain Name System, etc.
- In CCA region held in Armenia, Georgia, Kyrgyzstan, Uzbekistan, Kazakhstan
- Free of charge
- RIPE Atlas probe distribution
- Involving local and international partners to deliver localised content

Workshops and Information Sessions



- Phase 2 activities may include deeper cooperation to:
- Work together with RIPE Atlas
- Develop and deploy joint educational programs
- Support the organisation of hackathons by partner university/institution
- Organise RIPE NCC hackathons with partner universities/institutions



RIPE Hackathons

RIPE NCC Hackathons-10th Edition



- Where: Rotterdam, 12-13 October 2019
- Topic: IoT
- Aim: developing IoT technologies and providing a platform for the community to collaborate, experiment and sample possible IoT solutions.
- Eligible participants: back-end and front-end developers, product owners, product managers, UX experts, innovators and more.
- Collaboration and not the competition!

Pan-European Quantum Internet Hackathons



- 5 locations: TU Delft (NL), Trinity College Dublin (IE), CNRS, Paris (FR), University of Padua (IT), University of Sarajevo (Sarajevo, Bosnia & Herzegovina)
- 5-6 November, 2019
- Goal: develop some of the first applications that use quantum mechanics to secure their online communications
- Application deadline is 15 September 2019

More information...



[RIPE NCC IoT Hackathon](#)

[Pan European Quantum Internet Hackathons](#)



**RIPE Fellowship
ENOG Fellowship
RIPE NCC Day RIPE
Fellowship**

About the Fellowships



- Funds travel, accommodation and meeting ticket (for RIPE Meetings...other meetings are free to attend)
- Part of effort to increase diversity and inclusion
- Open to anyone who works or studies in a field relevant to the RIPE community
- Must be from the RIPE NCC service region
- Aimed at newcomers
- Apply for RIPE 80 in Berlin! Dates will be announced after RIPE 79! Check ripe.net/fellowship



RIPE NCC Community Projects Fund

RIPE NCC Community Projects Fund



- The RIPE NCC has a long history of supporting projects and innovative ideas
- In 2017, we formalised these efforts through the RIPE NCC Community Projects Fund
- €250,000 a year to support non-commercial projects of value to the operation and resilience of the Internet
- Preference for projects from our service region

Project Criteria



- Must benefit the Internet, particularly the RIPE community
- Must be non-commercial
- There must be a clear project plan and timeline
- Applicants may apply as many times as they want for different projects per year
- The same project may be funded more than once, but not in the same year
- ripe.net/cpf

The Funding



- No minimum amount of funding that must be disbursed each year
- No limit on the number of projects that can be funded per year
- May be used to purchase equipment, but this cannot be the sole expenditure
- Can't be used for humanitarian aid, donations, or to encourage political reform
- Can't be used to provide scholarships or cover tuition fees
- Cannot be used to support a commercial activity

Check grantees!



[CPF Grantees in 2017](#)

[CPF Grantees in 2018](#)



Supporting Network Operators Groups

Our Goals



- Connect NOG participants with the RIPE community (and vice versa)
 - At RIPE Meetings, along with a meeting for NOG organisers to share experiences
- Support local and regional relationships
- Engage more effectively across our service region
- NOGs have a crucial role to play in the Internet's development - we support that!

How We Support NOGs



- We can help local/national NOGs by:
 - Providing speakers for their events (RIPE NCC staff or others)
 - Helping with sponsorship (venue, catering, social events)
 - Offering expertise (from supporting the RIPE community for almost 30 years)
- Platform for NOGs on RIPE Labs:
 - <https://labs.ripe.net/nogs>
- Comprehensive survey on NOGs in our service region:
 - <https://labs.ripe.net/Members/fergalc/nogs-in-the-ripe-ncc-service-region>



Events in 2019

Meetings in 2019



MENOG , 31 March- 4 April, Beirut
RIPE NCC Day Russia , 9 April, Moscow
SEE , 16-17 April, Sarajevo
RIPE 78 , 20-24 May, Reykjavik
ENOG 16 , 3-4 June, Tbilisi
Member Lunch in Kyrgyzstan , 30 September, Bishkek
RIPE NCC Day Ukraine , 24-25 September, Kyiv
RIPE 79 , 14-19 October, Rotterdam
N2 Forum (partner event) , 10-12 October, Yerevan

Meetings in 2020



MENOG 20: 15-19 March, Manama, Bahrain

SEE 9: 20-21 April, Ljubljana, Slovenia

ENOG 17: 8-9 June 2020, Moscow

RIPE 80: 11-15 May 2020, Berlin, Germany

RIPE NCC Day Uzbekistan: 29 April, 2020, Tashkent, Uzbekistan



Questions



Vahan Hovsepyan
vhovsepyan@ripe.net