



RIPE NCC
RIPE NETWORK COORDINATION CENTER

Introduction to RIPE Meetings

What will we talk about?



- The RIPE community and the RIPE NCC
- RIPE Policy Development Process
- RIPE meetings
- RIPE 91 programme
- Logistics
- Social events
- Parallel events

About me



- Community Development Specialist
- At the RIPE NCC for 12 years
- Before
 - Organised the RIPE, ENOG and SEE meetings
 - RACI (the RIPE Academic Cooperation Initiative)
- Now part of Community Development
 - SEE, MENOG, CAPIF, RIPE NCC Days
 - Community events, NOGs
 - Internet governance
- Bulgarian, lives in Spain





RIPE and the RIPE NCC



- A community
- Formed in 1989
- No legal entity or formal membership
- Open, inclusive, bottom-up, transparent
- Sharing information and best practices
- Policy development

- Secretariat
- Formed in 1992
- Non-profit, membership organisation
- Neutral and independent
- Over 190 staff in offices in Amsterdam and Dubai
- Provides services
- Implements policies

What is RIPE?



Réseaux IP Européens

- French for "European IP Networks"
- Public archives
- Work is structured around:
 - Working Groups (WGs)
 - Task Forces (TFs)



Join the mailing list!

ripe.net/mailman/listinfo/ripe-list

Working Groups



- Address Policy
- Connect
- Cooperation
- Database
- DNS
- IPv6
- Measurements, Analysis and Tools (MAT)
- Open Source
- The Internet of Things (IoT)
- RIPE NCC Services
- Routing
- Security

All Working Group and Task Force mailing lists:

ripe.net/participate/mail/ripe-mailing-lists

Task Forces



- Best Current Operational Practices Task Force (BCOP)
- DNS Resolver Best Common Practice Task Force
- Recently closed:
 - Code of Conduct
 - RIPE Database Requirements

All Working Group and Task Force mailing lists:

ripe.net/participate/mail/ripe-mailing-lists

RIPE Chair Team



- The role of the RIPE Chair is to ensure the smooth functioning of the RIPE community
- There is a RIPE Chair and RIPE Vice Chair



Mirjam Kühne
RIPE Chair



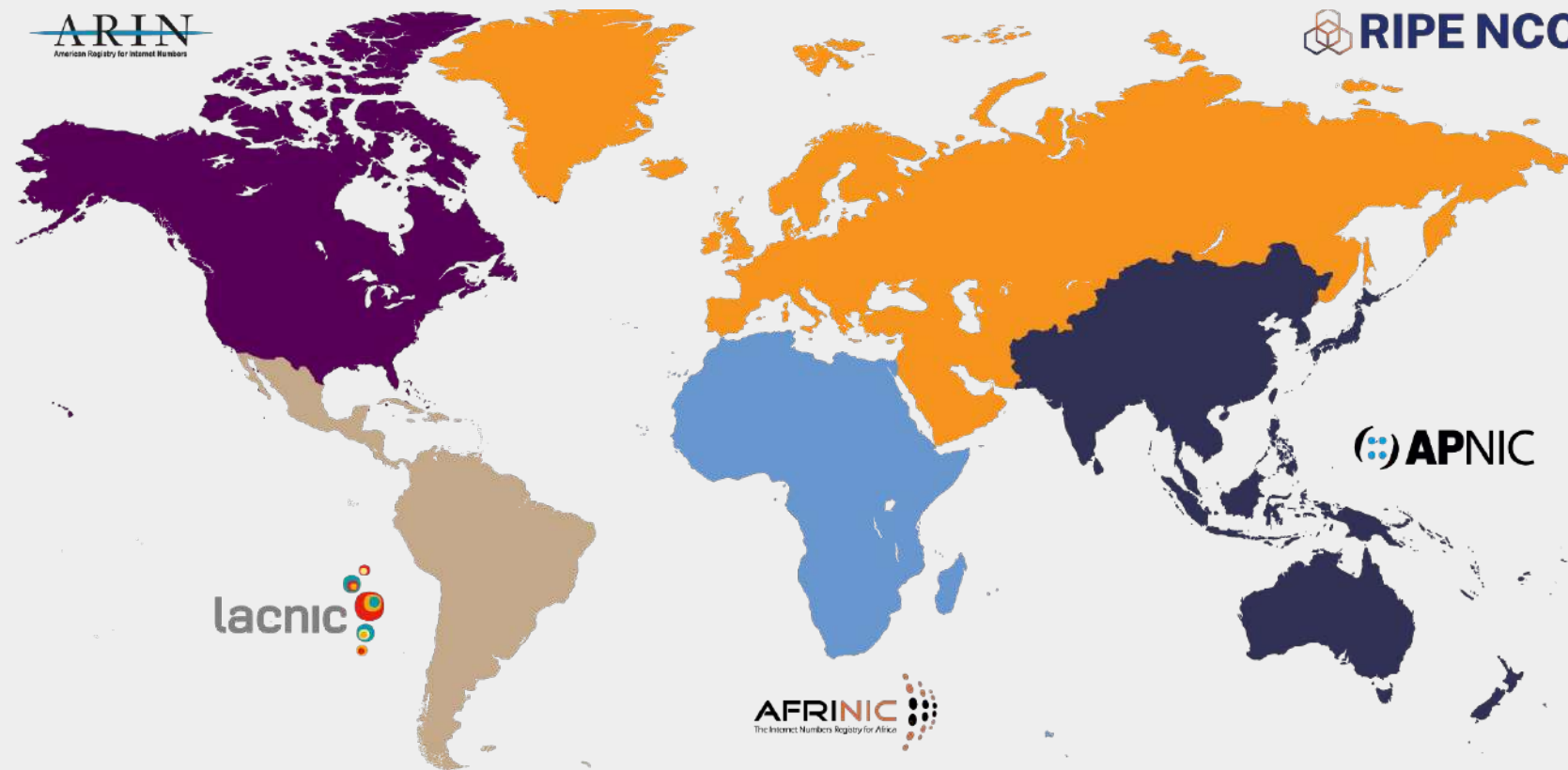
Anna Wilson
RIPE Vice Chair

The RIPE NCC



- One of five Regional Internet Registries in the world:
 - Allocates and registers blocks of Internet number resources to ISPs and other organisations
- Provides a number of technical services and tools
 - K-root, RIPE Atlas, RIPEstat, RIS
- Involved in public policy discussions and Internet governance

Where are the RIRs?



The RIPE NCC Executive Board



Ondřej Filip
Chair



Piotr Strzyżewski
Secretary



Raymond Jetten
Treasurer



Maria Häll
Member



Harald A. Summa
Member



Sander Steffann
Member



Randy Bush
Member

<https://www.ripe.net/about-us/executive-board/>



The RIPE Policy Development Process

The RIPE Policies



- Developed by and for the RIPE community
- Specify how Internet number resources (IPv4, IPv6 addresses, AS Numbers) are distributed, managed, registered and transferred
- Apply only to the RIPE NCC service region

The RIPE Policy Development Process



- Proposals can be discussed on
 - Mailing lists / Forum / Social Media / Meetings
- Decisions based on
 - RIPE WG Mailing list discussions
- 'Rough Consensus'
 - Properly address all concerns and objections
 - Work out differences
 - **No** voting or counting
- ripe.net/participate/policies

Participate in the RIPE PDP



- Sign up for the Policy Development Process Announcements mailing list
 - ripe.net/policy-announce
- Join discussions about policy proposals
- Stay up-to-date with new policies
 - ripe.net/publications/docs/ripe-policies
- Propose a new policy





Who does what?

- The RIPE community:
 - Creates and discusses proposals
 - Seeks consensus
- RIPE Working Group (WG) chairs:
 - Accept proposals
 - Chair the discussions
 - Decide if consensus has been reached
- The RIPE NCC:
 - Acts as the secretariat to support the process
 - Publishes policy documents and implements them



RIPE Meetings

What is a RIPE Meeting



- Five-day event where ISPs, network operators and other interested parties gather to
 - Discuss **policies and procedures** to allocate IP addresses and ASNs
 - **Discuss** current technical and policy issues
 - **Share** experiences, latest developments and best common practices
 - **Network** with peers
- Usually held twice a year



RIPE NCC General Meeting



- Discuss the RIPE NCC operations and activities
- Give feedback on the draft RIPE NCC Activity Plan and Budget
- Vote on
 - Charging Scheme
 - Executive Board
 - Financial Report
 - Other resolutions
 - It's a separate meeting
- Open to RIPE NCC members only



Newcomers



- Around 25% of the attendees are newcomers
- On Monday
 - Newcomers Introduction
 - Newcomers Lunch
 - Meet & Greet desk
- We want to hear from you:
 - Come to the mic
 - Talk to us during the coffee breaks





RIPE 91 Programme

Types of sessions



- Decided by the Programme Committee (PC)
 - Plenary
 - Tutorial
 - Birds of a Feather (BoF)
- Decided by the Working Group Chairs
 - Working Groups
- Topics are expected to be non-commercial
- The General Meeting is a separate meeting that takes place at the same time.*

Interactive Meeting Plan



	Monday, 20 Oct		Tuesday, 21 Oct		Wednesday, 22 Oct		Thursday, 23 Oct		Friday, 24 Oct	
08:30	Welcome Coffee		Welcome Coffee		Welcome Coffee		Welcome Coffee		Welcome Coffee	
09:00	Tutorial	Tutorial	Plenary		Connect	Open Source	IPv6	Database		
09:30									Plenary	
10:00			Coffee Break		Coffee Break		Coffee Break			
10:30	Coffee Break		Plenary		Routing	Cooperation	Address Policy	DNS	Closing Plenary	
11:00	Newcomer's Introduction									
11:30			Plenary		Routing		Address Policy		DNS	
12:00	Newcomer's Introduction		Plenary		Routing		Address Policy		DNS	
12:30	Lunch	Newcomers' Lunch	Lunch		Lunch		Lunch		Lunch	
13:00										
13:30	Lunch		Lunch		Lunch		Lunch		Lunch	
14:00	Opening Plenary		Plenary		RIPE NCC Services		Address Policy	IoT		
14:30										
15:00	Coffee Break		Coffee Break		Coffee Break		Coffee Break			
15:30	Coffee Break		Coffee Break		Coffee Break		Coffee Break			
16:00	Plenary		MAT	Security	General Meeting		RIPE Community Plenary			
16:30										
17:00	Coffee Break		Coffee Break				Coffee Break		Coffee Break	
17:30	Coffee Break		Coffee Break		Coffee Break		Coffee Break			
18:00	BCOP TF		Diversity, Equity and Inclusion in Tech				BoF	BoF		
18:30										

Legend

Main Room

Side Room

General Meeting

Intermission

RIPE Meeting Archives



- RIPE Meeting sessions are recorded and archived
- You can find the videos at:
 - ripe91.ripe.net/presentations/presentation-archive
 - where XX is the number of the RIPE meeting (90, 89, etc)
- WG sessions are also minuted
- Watching the recordings will give you a good idea of the work of the Working Groups

Programme Committee



Massimiliano Stucchi
PC Chair



Brian Nisbet
Vice Chair



Osama Al-Dosary
MENOG Representative



Jan Žorž
SEE Representative



Eric Andrei Băleanu
Local Host Representative



Amedeo Beck Peccoz



Franziska Lichtblau



Kevin Meynell



Clara Wade



Babak Farrokhi



Antonio Prado



Valerie Aurora

Working Group Chairs



Address Policy



Franziska
Lichtblau



Leo Vegoda



Alex
le Heux

Connect



Will
van Gulik

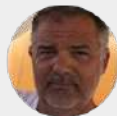


Paul
Hoogsteder



Stavros
Konstantaros

Cooperation



Achilleas Kemos



Julf Helsingius



Desiree Miloshevic

Database



David Tatlisu



Peter Hessler

DNS



Yevheniya
Nosyk



Moritz Müller



Willem Toorop

IoT



Peter Steinhäuser



Anna Maria
Mandalari

IPv6



Nico
Schottelius



Raymond
Jetten



Christian
Seitz

MAT



Nina Bargisen



Massimo
Candela



Stephen
Strowes

Open Source



Marco d'Itri



Marcos Sanz



Sasha Romjin

RIPE NCC Services



Rob Evans



Stefan Wahl



János Zsakó

Routing



Ignas
Bagdonas



Sebastian
Becker



Ben
Cartwright-Cox

Security



Brian Nisbet



Markus de Brün



Tobias Knecht

Not too late to submit Lightning Talks!



- Great way to make a first impression!
- 10 minutes, including Q&A
- May or may not include slides
- Announced on short notice
- Submit until 22 October
- ripe91.ripe.net/present/call-for-presentations

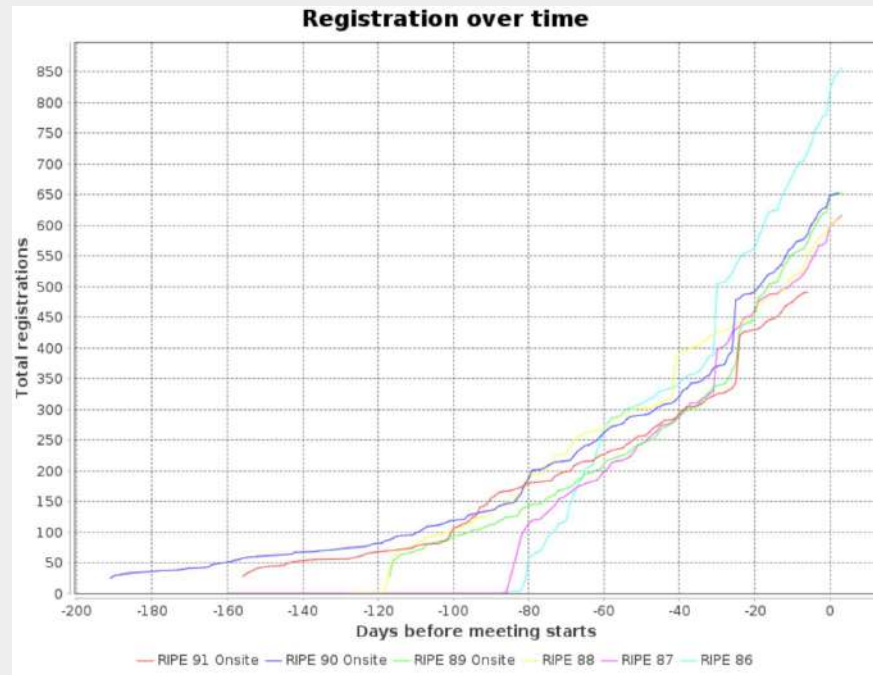


Logistics

Registration Stats On Site



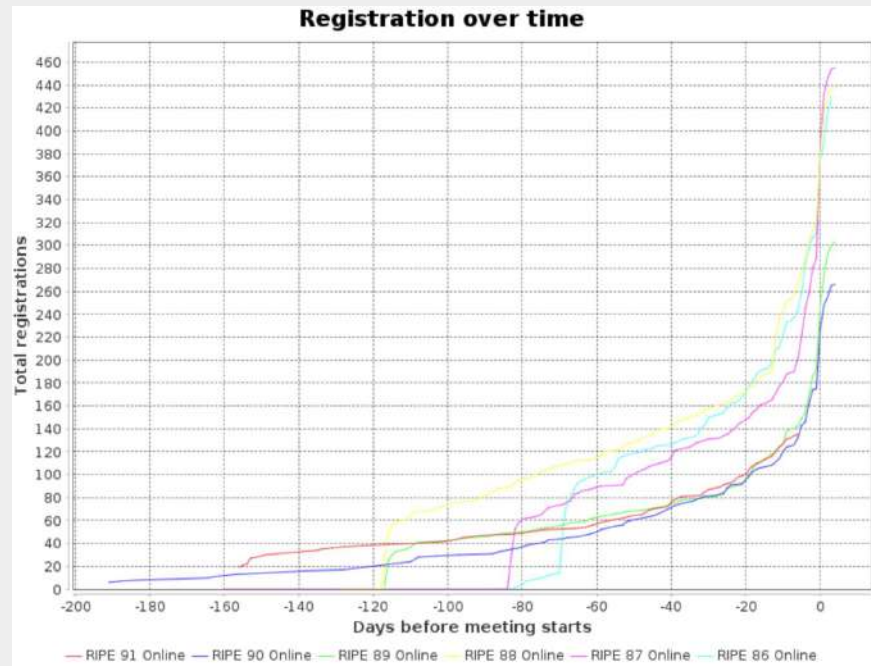
- 491 registrations so far
 - 110 newcomers
 - 105 members
 - 69 staff
 - 64 countries
- Attendee list
 - Can view profile picture and contact details once logged in
 - ripe91.ripe.net/attend/attendee-list



Registration Stats Online



- 135 registrations so far
 - 42 newcomers
 - 47 members
 - 45 countries
- Attendee list
 - Can view profile picture and contact details once logged in
 - ripe91.ripe.net/attend/attendee-list



Country and Venue



- Currency: leu (plural lei)
- Electricity socket type C and F
- Dialing country code: +40
- JW Marriott Grand Hotel
Calea 13 Septembrie 90
Bucharest 050726
Tel: +40 21 403 0000
- Daily Parking fee:
70 RON for guests / 150 RON for external visitors
- Off-site options such as nearby parking lots or private garages





Getting to the Venue

- Uber, Freenow, Bolt
- From airport:
 - 30-40 min drive (60-90 RON ~ 12-18 EUR)
 - 1 hr by public transport
- From city centre
 - 10 min drive
 - 35 min walk
- ripe91.ripe.net/on-site/getting-there

About Bucharest



- EEST time zone - UTC+3
- Debit card payments are common - ask if places accept credit cards and cash
- Mostly safe, the usual big city, common sense safety rules apply
- Emergency numbers: 112
- ripe91.ripe.net/on-site/guide-to-bucharest

Sun 19th	Mon 20th	Tue 21st	Wed 22nd	Thu 23rd	Fri 24th	Sat 25th
 13° 5°	 14° 7°	 15° 9°	 15° 7°	MIST 16° 8°	 15° 7°	 16° 6°



- In your confirmation email you will receive a link to the Meetecho Desktop
- You will enter the platform as 'Participant' with the name entered during registration
- Participants will be recognised by the laptop icon next to their name
- The platform allows you to
 - View the presentations
 - Use the chat
 - Join the mic/video queue
 - Ask questions in writing
 - View stenography
 - Join polls
 - Change rooms

Join the queue



To speak, click the microphone or camera icon.

This will add you to the queue.

Ask questions



Type your question in the Q&A window.

Your question will be read out.

Chat



Chat with your fellow attendees in the Chat window.

Mentoring



- Matching experienced community members with newcomers
- Provide your mentor with an idea of what you want to achieve at the RIPE Meeting and how they can help you
- Contact your mentor when you have questions

Social Events



Monday 20 October

- ✓ **Newcomer's Lunch - 12:30-14:00**
Venue: Hotel - JW Steakhouse Restaurant
- ✓ **Welcome Reception - 19.00 - 21:00**
Venue: Hotel - Conference Foyer

Tuesday 21 October

Networking Event - 21:00-01:00
Venue: Kong



Drinks, Canapes, DJ & Entertainment



Shuttle buses will be provided

Thursday 23 October

Dinner - 20:00-01:00
Venue: Face Club Bucharest



Dinner, DJ & Entertainment



Shuttle buses will be provided

Other things going on...



- Newcomers' Kahoot! quiz on Monday
- Grab a yellow lanyard from reg desk if you don't want to be in photos
- Masks and COVID-19 self-tests available at the registration desk
- Childcare from 6 months to 10 years
- Look out for informal gatherings set up by other attendees...
 - Some of them get posted on the forum (forum.ripe.net)





Parallel Events

Parallel Events



- Number Resource Organization Number Council (NRO NC) Elections
- Internet Integrity Workshop
- Academic and NREN Reception
- RIPE NCC Certified Professionals
- ripe90.ripe.net/programme/parallel-events

Certified Professionals Exams at RIPE 91



- Book your exam: ripe91.ripe.net/programme/parallel-events/ripe-ncc-certified-professionals
- Prepare: academy.ripe.net
- Slots available on a first-come, first-served basis
- ~ 60 minutes, arrive ~15 minutes prior; bring a photo ID



LIR Fundamentals

This exam certifies the ability to manage an LIR's Internet number resources as an LIR administrator.



IPv6 Fundamentals - Analyst

An IPv6 Fundamentals – Analyst is proficient in calculating IPv6 subnets according to current best practices and creating IPv6 addressing plans.



RIPE Database Associate

A RIPE Database Associate is proficient in searching for and interpreting data in the RIPE Database. Candidates who hold this certification have demonstrated the ability to update and register data in the RIPE Database.



BGP Security Associate

A BGP Security Associate can choose the appropriate security measures to protect networks against common threats. They contribute to global routing security by making Internet routing more secure and reliable.



IPv6 Security Expert

An IPv6 Security Expert is capable of designing a high-level strategy to protect an IPv6 network against common threats. A holder of this badge has demonstrated the ability to identify and analyse common IPv6 security threats and their impact, and create a plan to counter them.



Beyond RIPE 91

Fellowship



- Aims to increase participation from under-represented regions and groups
- Receive ticket, flight and accommodation for the meeting
- Expanded coaching and learning component
- Call for applications for RIPE 92 and RIPE 93 now open
- ripe.net/fellowship



RIPE Academic Cooperation Initiative (RACI)



- Connect RIPE with the research community
- Offers academics the chance to present to industry, make connections and get feedback
- Receive ticket, flight and accommodation for the meeting
- Call for applications closes two months before the meeting
- ripe.net/raci

Regional Meetings



ripe.net/see



ripe.net/capif



menog.org

To Do: Set Your Personal Goals



- Get to know some of the RIPE Chair team, the Working Group Chairs, the Programme Committee, and the RIPE NCC Executive Board
- Read about the RIPE NCC Policy Development Process (PDP)
- Make a list of **your goals** for the RIPE Meeting
 - Which sessions interest you? Check the agenda.
 - Who would you like to connect with? Check the attendee list.
- Plan your trip
- Register in advance if you want to take a RIPE NCC Certified Professionals exam
- Decide if you want to submit a Lightning Talk



Newcomers' Survey

Please help us improve the meeting.
Fill this survey in by **17 October**



THANK YOU FOR JOINING US



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