



**RIPE NCC**  
RIPE NETWORK COORDINATION CENTRE

# **RIPE NCC and the Regional Internet Registry (RIR) System**

Roundtable Meeting for Governments  
(Eastern Europe, Caucasus and Central Asia)

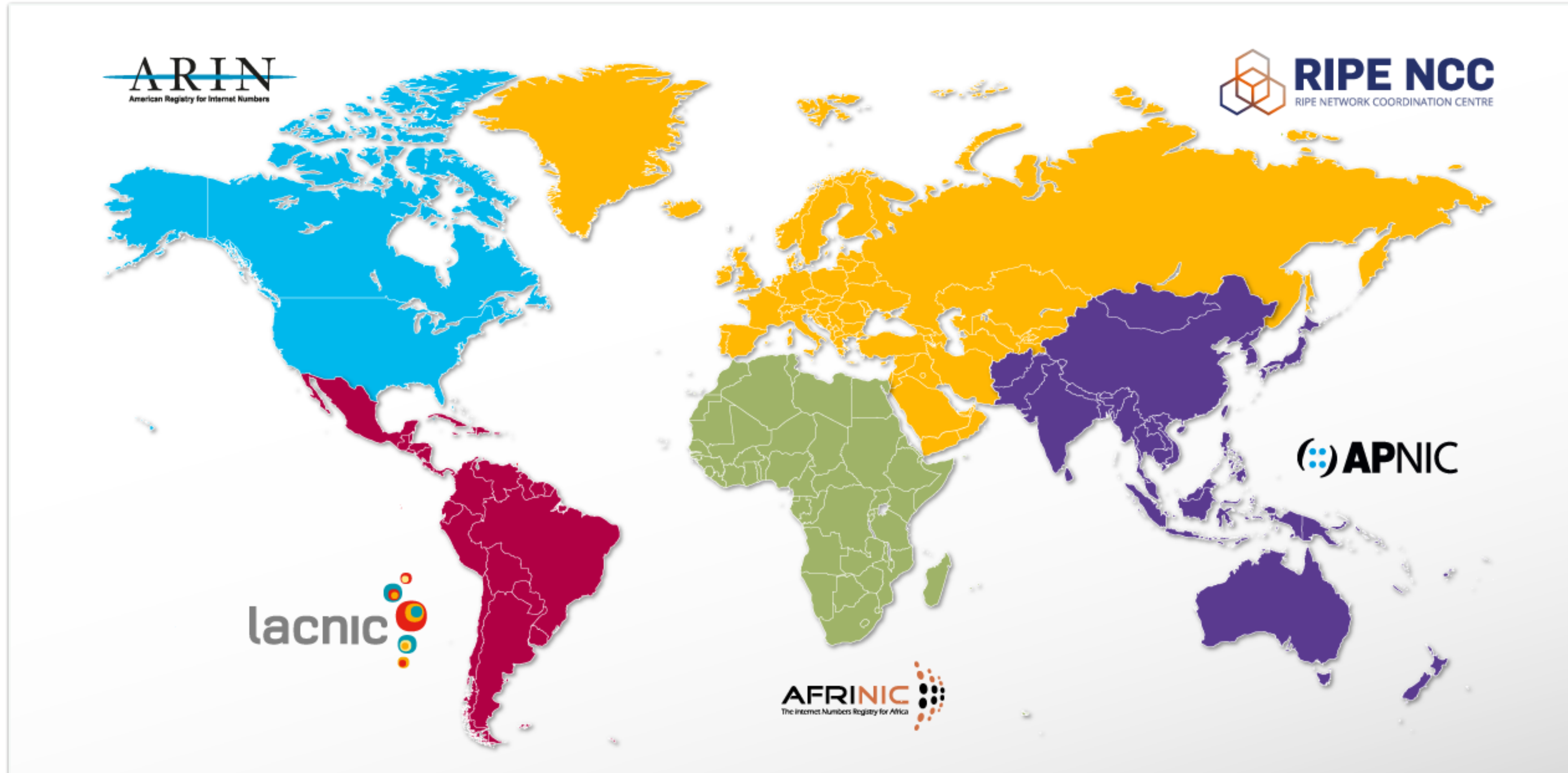
# Regional Internet Registries (RIR)



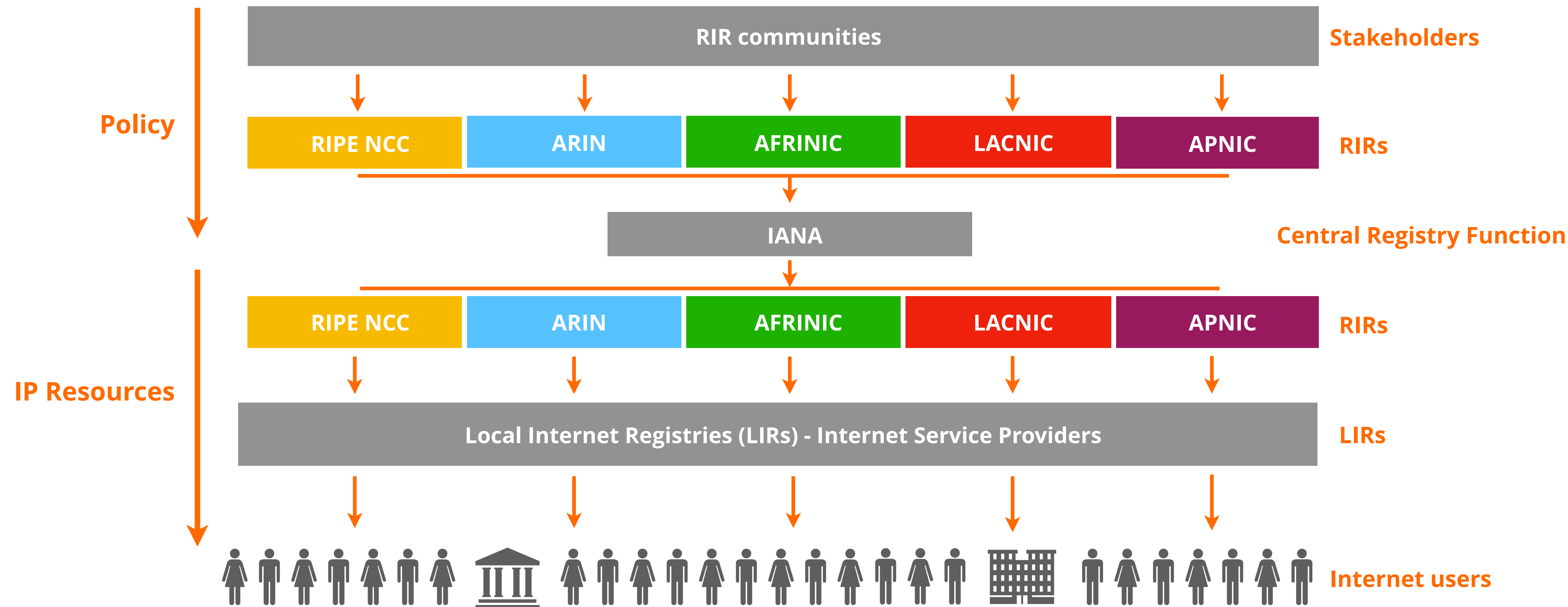
- Five RIRs globally
- Each is responsible for a distinct geographical region
- Primary role is to register IPv4 and IPv6 addresses and Autonomous System Numbers (ASNs) for use on Internet networks
- RIRs are governed by policies that have been developed (“bottom-up”) by their respective communities



# A Unified Global System



# Community-Led System of Resource Distribution



# RIPE and the RIPE NCC



## RIPE



- Formed in 1989
- Informal community that is open to everyone
- Creates policies based on consensus
- Activities coordinated via RIPE Working Groups
- Open, transparent, bottom-up

## The RIPE NCC



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- Formed in 1992
- Secretariat to the RIPE community
- RIR for Europe, the Middle East and parts of Central Asia
- Not-for-profit membership association - 24,000 members (LIRs)
- 160 employees: offices in Amsterdam and Dubai, staff in Moscow and Yerevan
- Neutral and transparent

# The RIPE Policy Development Process (PDP)



## RIPE Community

- Proposes policies and discusses them in the relevant working groups
- Works to find a consensus

## Working Group Chairs

- Chosen by the RIPE community to facilitate its policy discussions
- Determine whether consensus has been reached

## The RIPE NCC

- Provides administrative support to the RIPE PDP (but remains neutral)
- Implements policies once they are accepted
- Maintains an archive of all current and past policies (RIPE Document Store)



# Other Activities

# Technical Coordination



- Maintain the RIPE Database and ensure accurate registration information
- Operate K-root (one of the 13 DNS root servers) and related global infrastructure
- Secondary DNS services
- Provide Trust Anchor and Certificate Authority for Resource Certification (RPKI) which is used to secure Internet routing

# Regional Support and Outreach



- Secretariat to the RIPE community, Eurasia Network Operators Group (ENOG), and the Middle East Network Operators Group and Peering Forum (MENOG)
- Organise meetings for these communities, along with other regional events across our service region
- Support global and regional IGF activities
- Source of expertise, able to provide unique data and perspectives
- Update RIPE community on regulatory developments
- Engage with governments, regulators and law enforcement

# Language Support

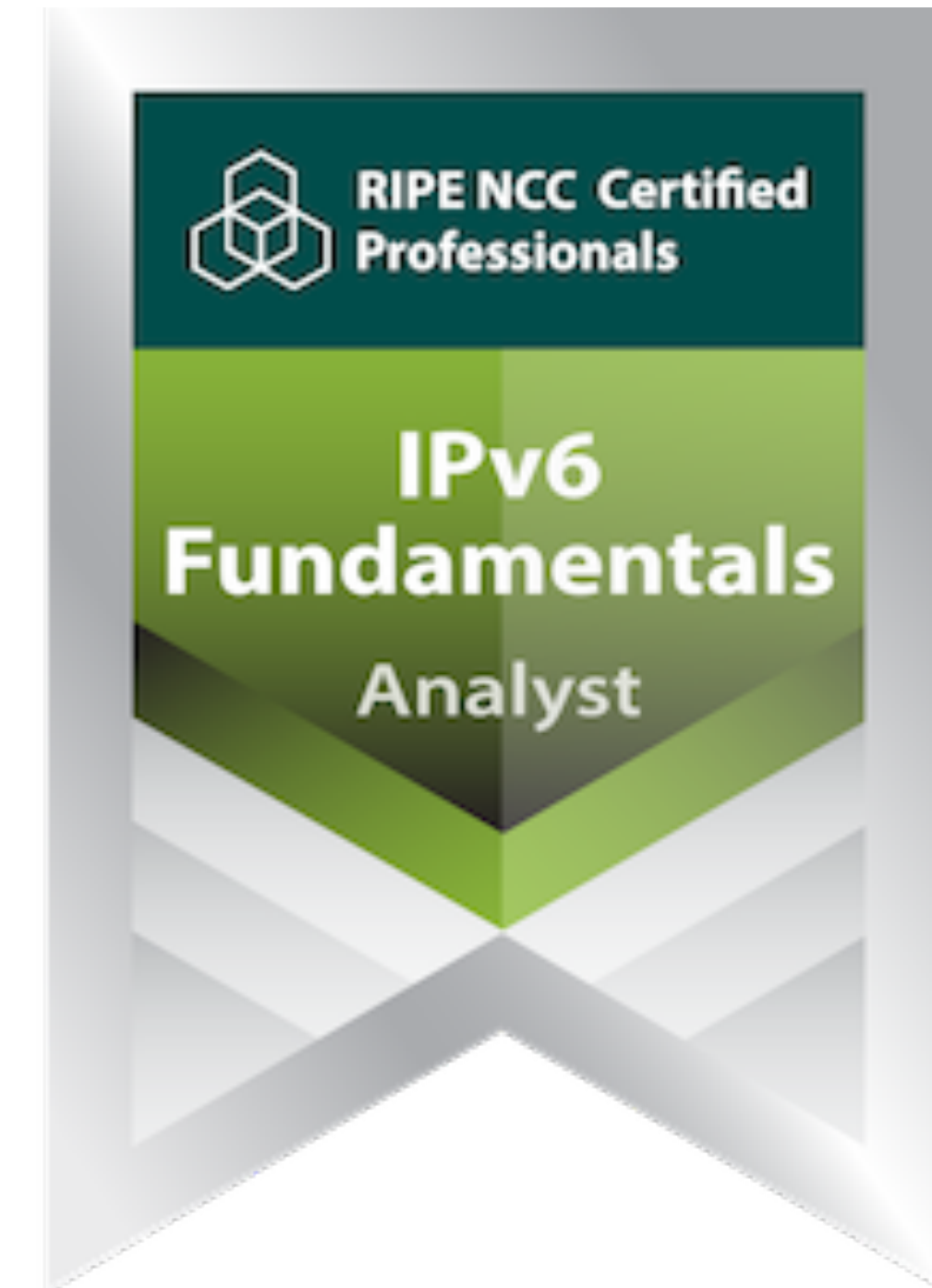


- Support in other languages has been requested for many years
- We are moving from the current broad set of translations to a much more comprehensive and specific set of translated material
- Translations in:
  - Russian and Arabic (pan-regional)
  - Turkish and Farsi (better engagement necessary)
  - Spanish and Italian (frequent language support needed by members)
- Language support is a stepping stone - it opens the door for new voices, opinions and involvement at a higher level

# E-Learning and Certification



- The RIPE NCC Academy offers free online learning courses, open to anyone
- Since the start of COVID-19, all training courses are offered online.
- All training courses are free for RIPE NCC members
- RIPE NCC Certified Professionals exams can be taken online - also open to anyone



# Our Strategy for 2021



- **Member Focus** – Understand our members to meet their needs and add value.
- **Engagement** – Carry out effective outreach to all stakeholders to stay connected and fulfil our goals.
- **Service Delivery** – Digitise trust to ensure the accuracy of the Registry/RIPE Database.
- **RIR System** – Strengthen the global RIR system and ensure its accountability, transparency and resilience, and allow it to adapt to the changing environment.



# Questions



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