



RIPE NCC
RIPE NETWORK COORDINATION CENTRE

RIPE / RIPE NCC Update

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The Internet Registry System



Regional Internet Registries



- Five RIRs worldwide
 - Not-for-profit organisations
 - Funded by membership fees
 - Policies decided by regional communities
 - Neutral, Impartial, Open, Transparent

What do we do ?



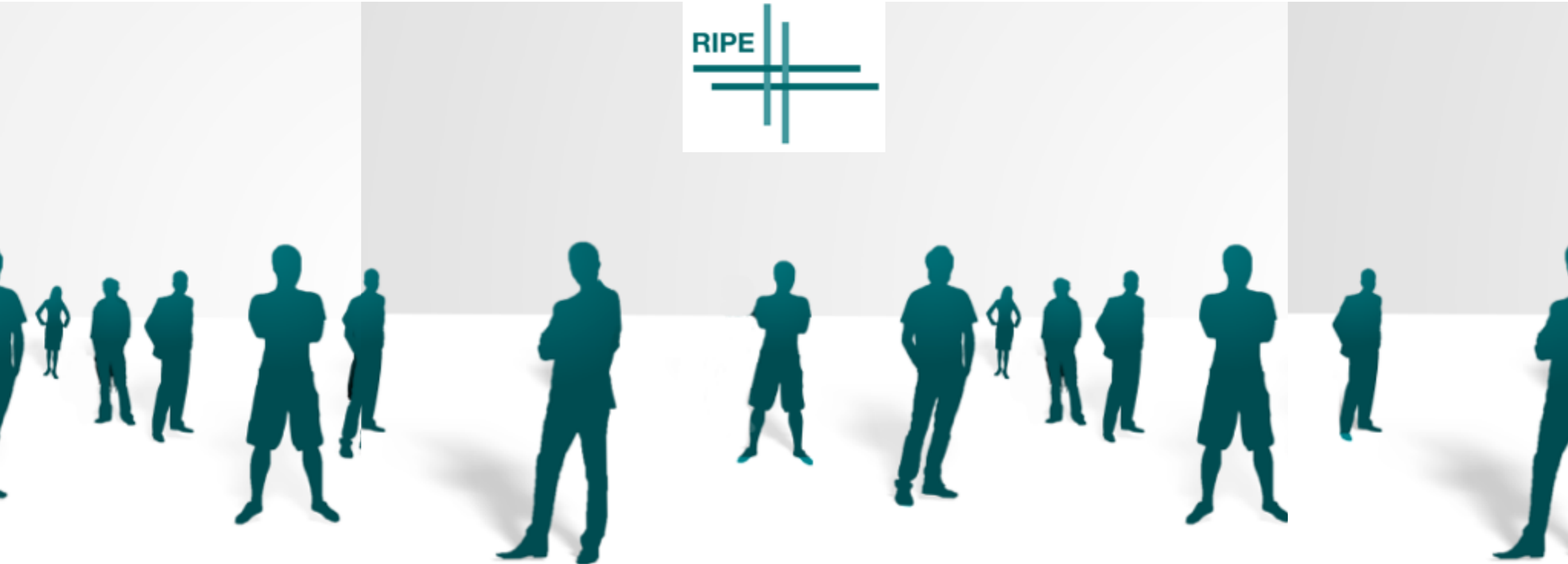
- Distribute IP addresses and AS Numbers
- Support policy development in RIPE region
- RIPE Database
- RIPE Atlas
- RIPE Stat
- Resource Certification (RPKI)
- Training
- ...among other things

What do we do ?



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RIPE Community



That's you!

Policy Development Process



- Open
 - Anyone can participate
 - On mailing lists and at meetings
- Transparent
 - List discussions archived publicly
 - Meetings transcribed
- Developed bottom-up
 - **YOU** make the policies
 - The RIPE NCC implements them

Who Does What ?



- **The RIPE community**
 - Creates proposals
 - Discusses proposals
 - Seeks consensus

- **Working Group (WG) chairs**
 - Accept proposals
 - Chair the discussions
 - Decide if consensus has been reached

Who Does What ?



- **The RIPE NCC**

- Acts as the secretariat to support the process
- Publishes the documents
- Implements the proposals

Working Groups



- Address Policy
- Routing
- Database
- Anti-abuse
- Cooperation
- IPv6
- RIPE NCC Services
- Connect
- Open Source
- Measurement, Analysis and Tools

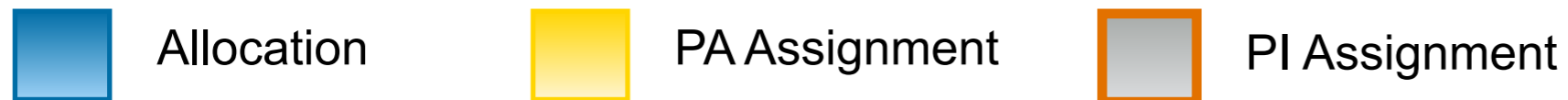
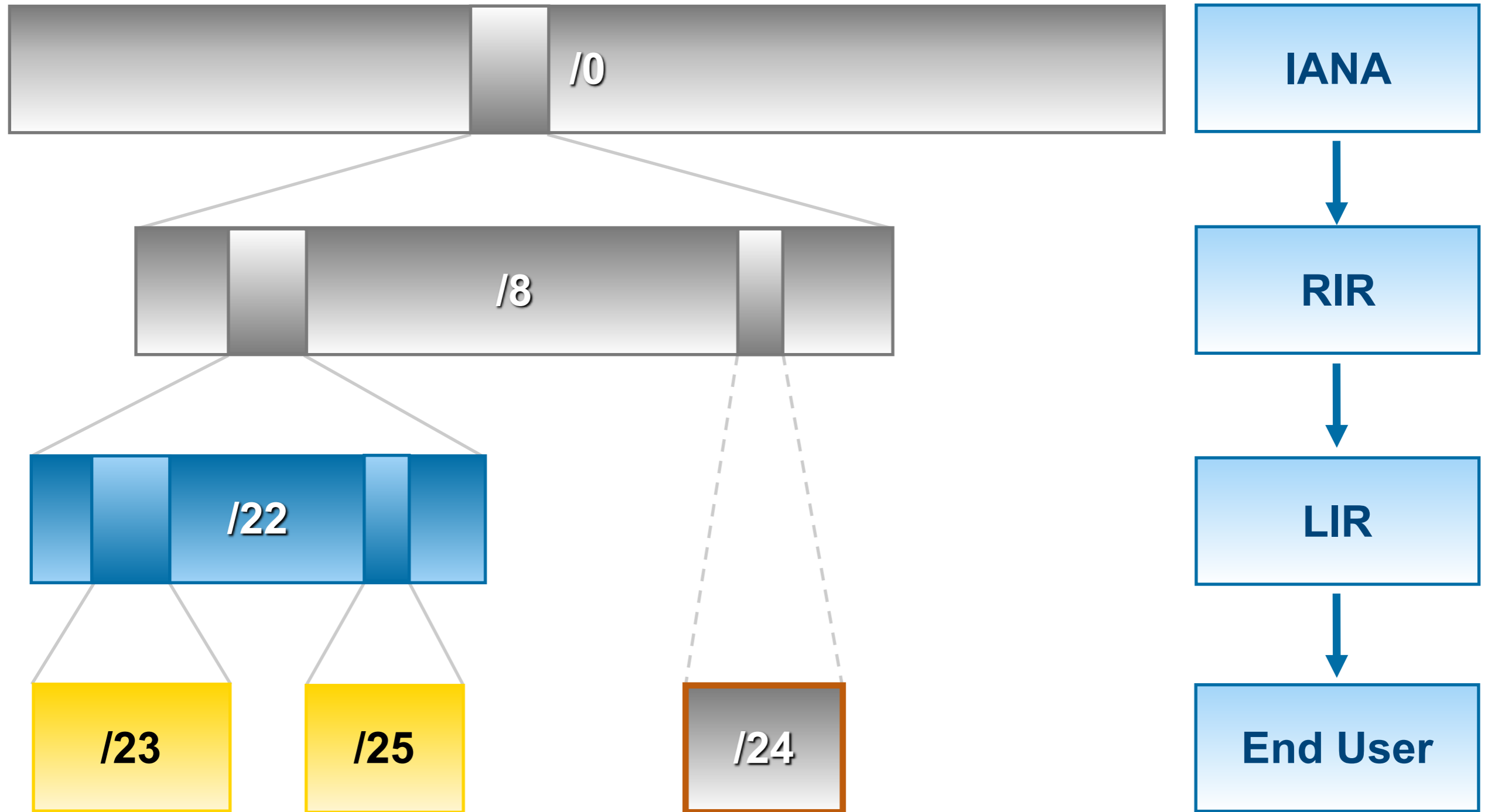
RIPE NCC General Meeting



- Discuss the RIPE NCC operations and activities
- Give feedback on the Budget and Activity Plan
- Vote on:
 - Charging Scheme, Resolutions
 - Executive Board membership
 - Financial Report



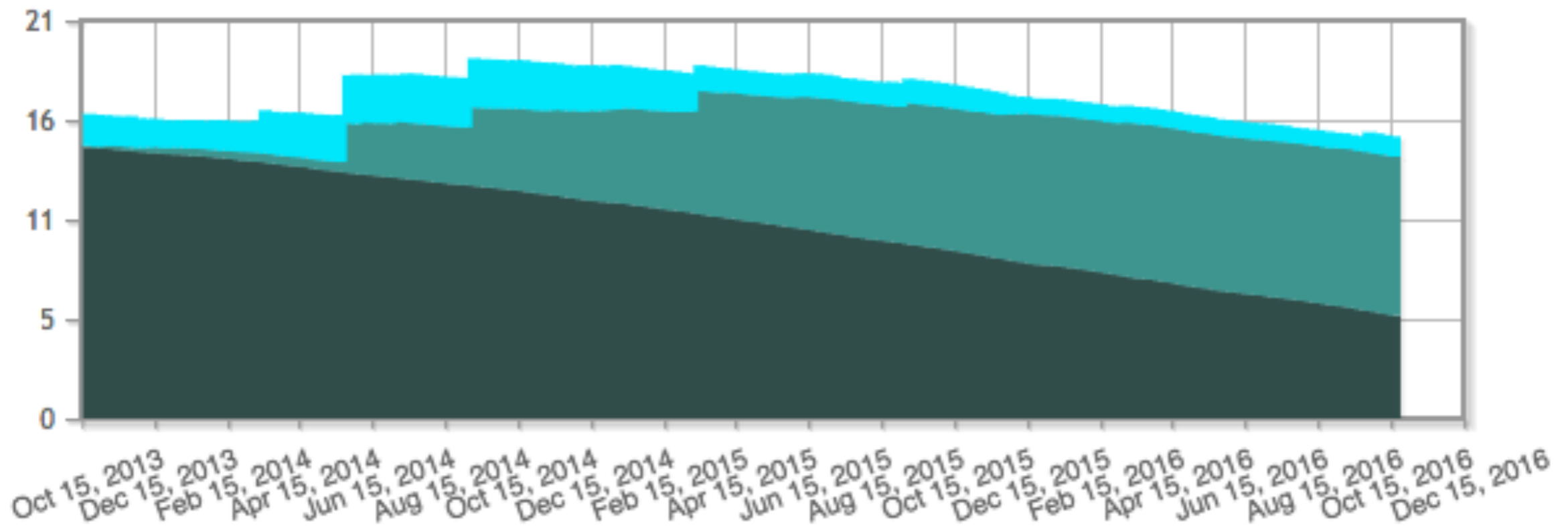
IPv4 Address Distribution - Current



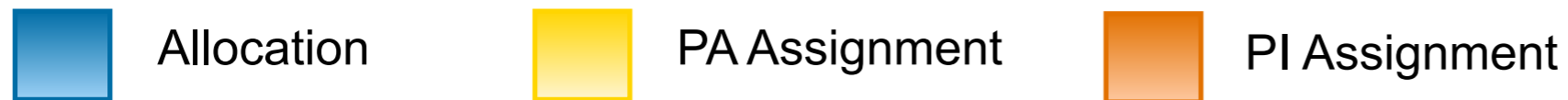
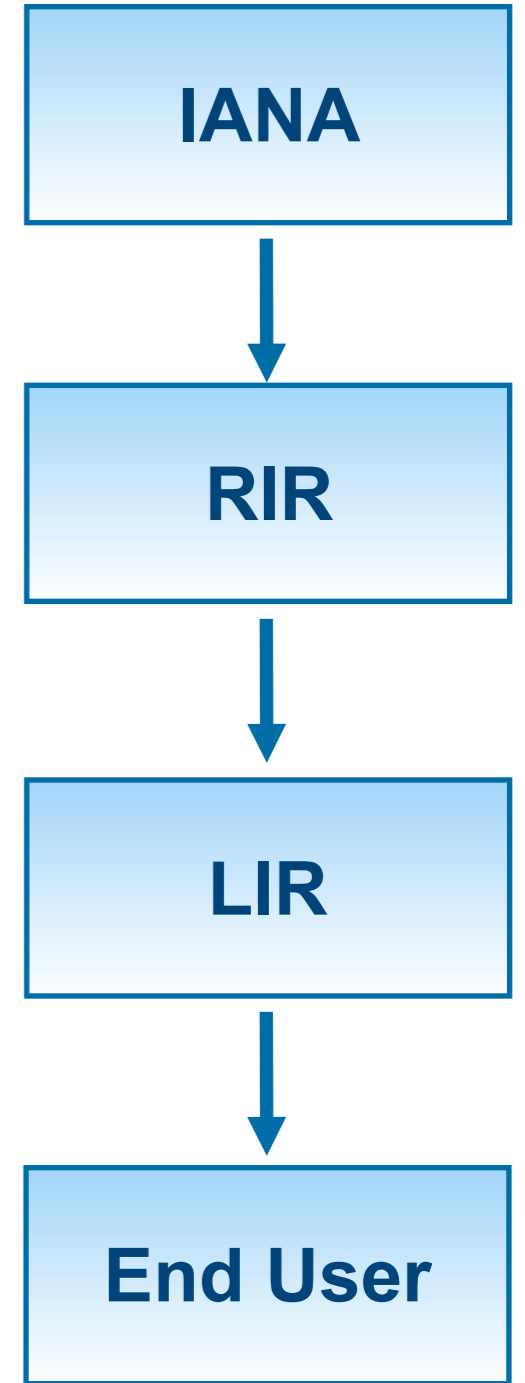
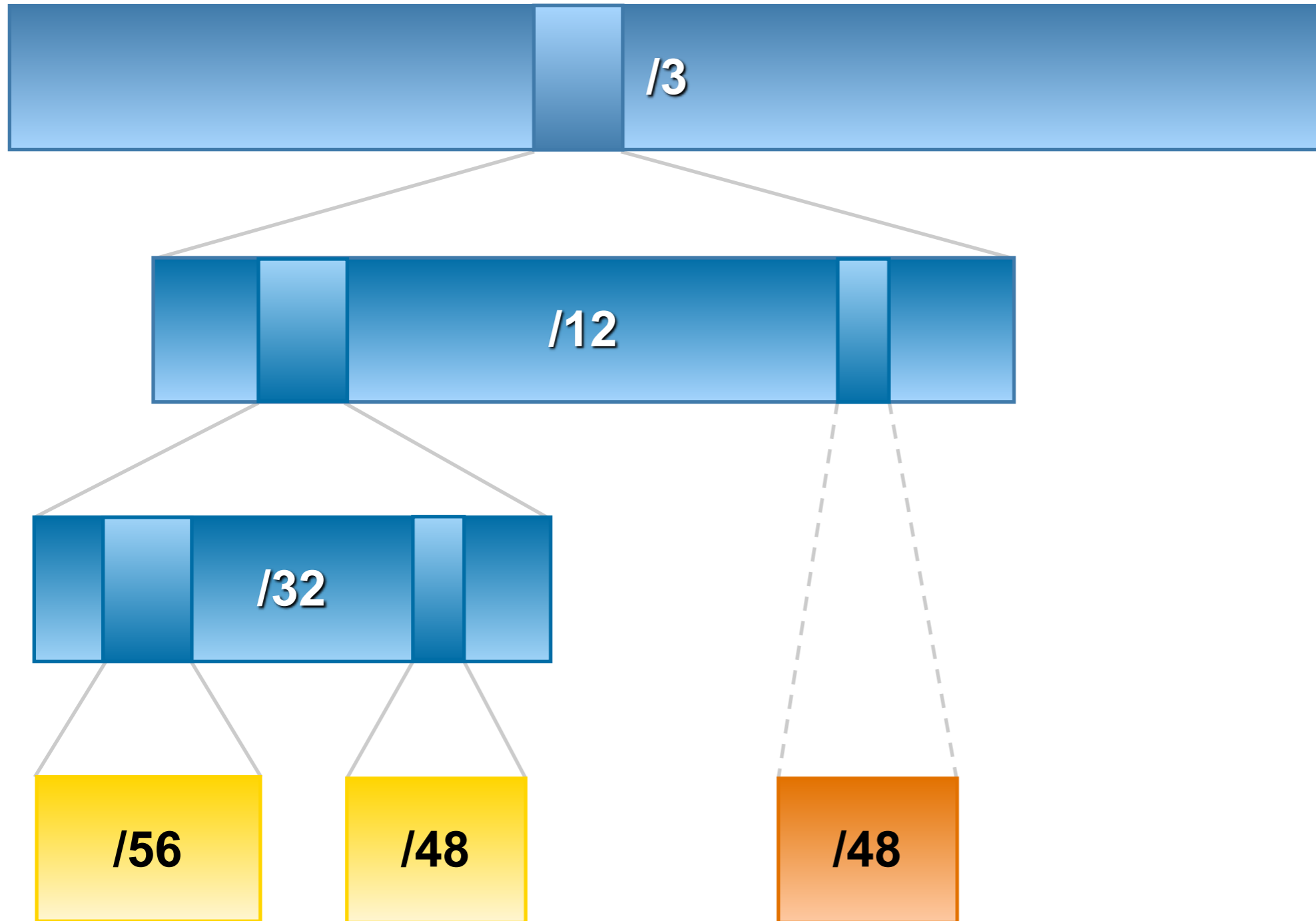
IPv4 Available pool



RIPE NCC IPv4 Pool — Last 36 Months



IPv6 Address Distribution



Types of Transfers



PA allocations

between RIPE NCC members

Merger or Acquisition

PI assignments

between End Users

From Legacy Space

AS numbers

between End Users

Inter-RIR

IPv4 Transfers: Where to Look



- IPv4 Listing Service
 - Accessible from LIR Portal account

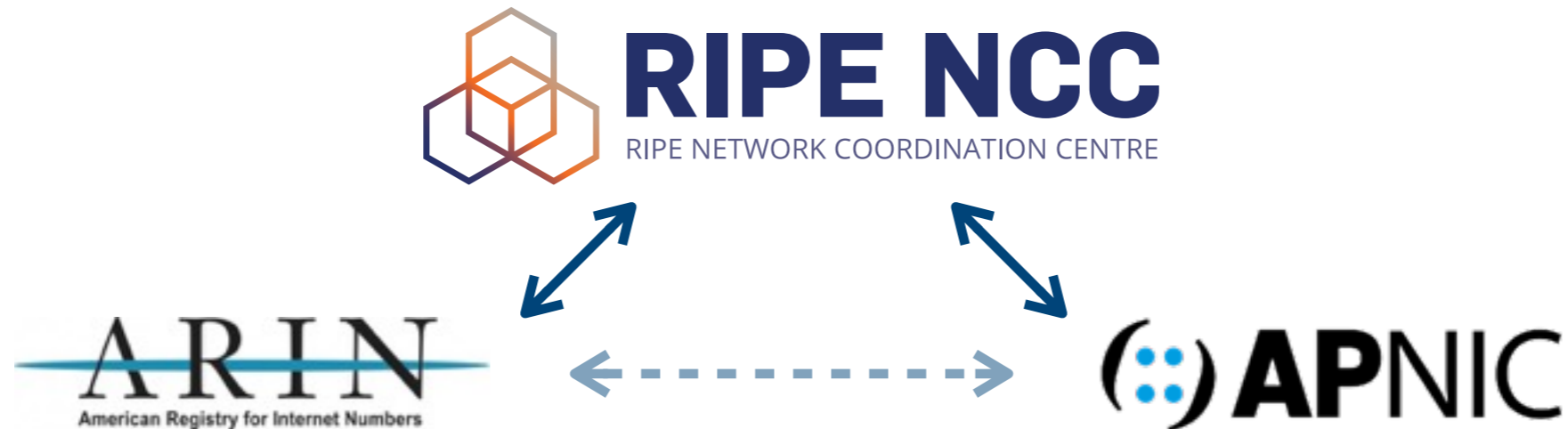
- Brokers
 - Listed on RIPE NCC website
 - **NOT** endorsed by RIPE NCC
 - Signed an agreement to conform to RIPE Policies

Transfers: How to Request



- Use the “Request Transfer” wizard
- Include the following information & documents:
 - IPv4 / IPv6 / ASN being transferred
 - company names and contact details
 - company registration papers
 - Transfer Agreement
 - For PI transfers, sponsoring LIR agreement is needed too

Inter-RIR Transfers



- Between RIRs with compatible policies
- ARIN: IPv4 addresses (including legacy space)
- APNIC: IPv4 addresses and AS Numbers (including legacy)
- Send your request to inter-rii@ripe.net

LIR's Responsibilities



- Make assignments
- Register assignments in the RIPE Database
- Keep the registry up-to-date

... following RIPE policies!

Protect Your Resources



- Maintain your contact info in the RIPE database
- Keep your LIR contacts in the LIR Portal up to date
- Know the policies and procedures

- In case of questions, contact
Registration Services

lir-help@ripe.net





Questions





RIPE NCC

Academy

Graduate to the next level!

<http://academy.ripe.net>

The End!

Край

Y Diwedd

النهاية

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