



RIPE NCC

RIPE NETWORK COORDINATION CENTRE

RIPE Policy Development Process

The Internet Registry System



Regional Internet Registries (RIR)



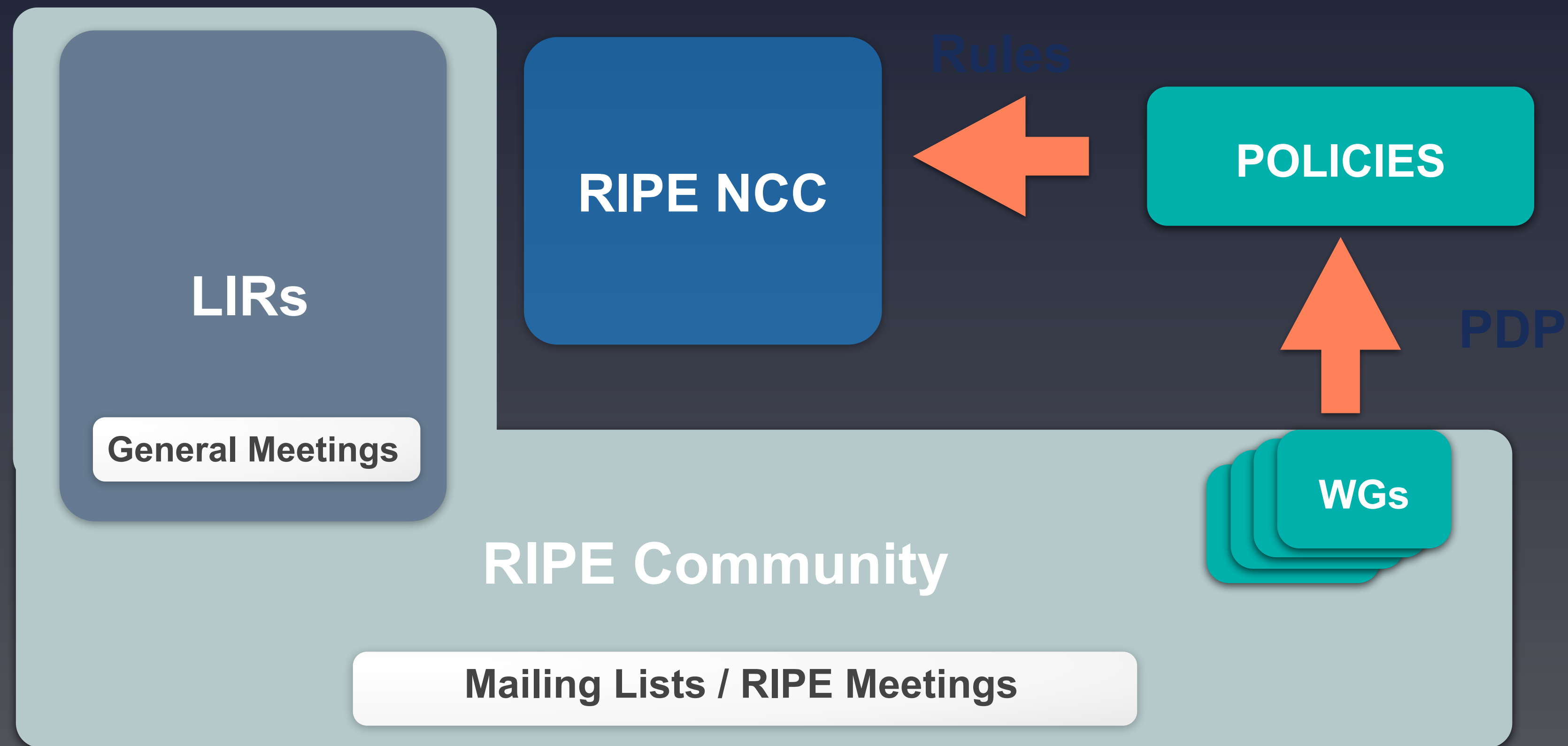
- Five RIRs worldwide
 - Main goal: high-quality registration
 - Not-for-profit organisations
 - Funded by membership fees
 - Policies decided by regional communities
 - Neutral, Impartial, Open, Transparent

RIPE Policy Development Process



- RIPE policies are set of rules accepted by the RIPE community
- The Policy Development Process (RIPE PDP), creates the policies related to Internet operations for the RIPE community.
- The PDP is documented in ripe-710 (<https://www.ripe.net/publications/docs/ripe-710>)

RIPE PDP Bottom-up Model

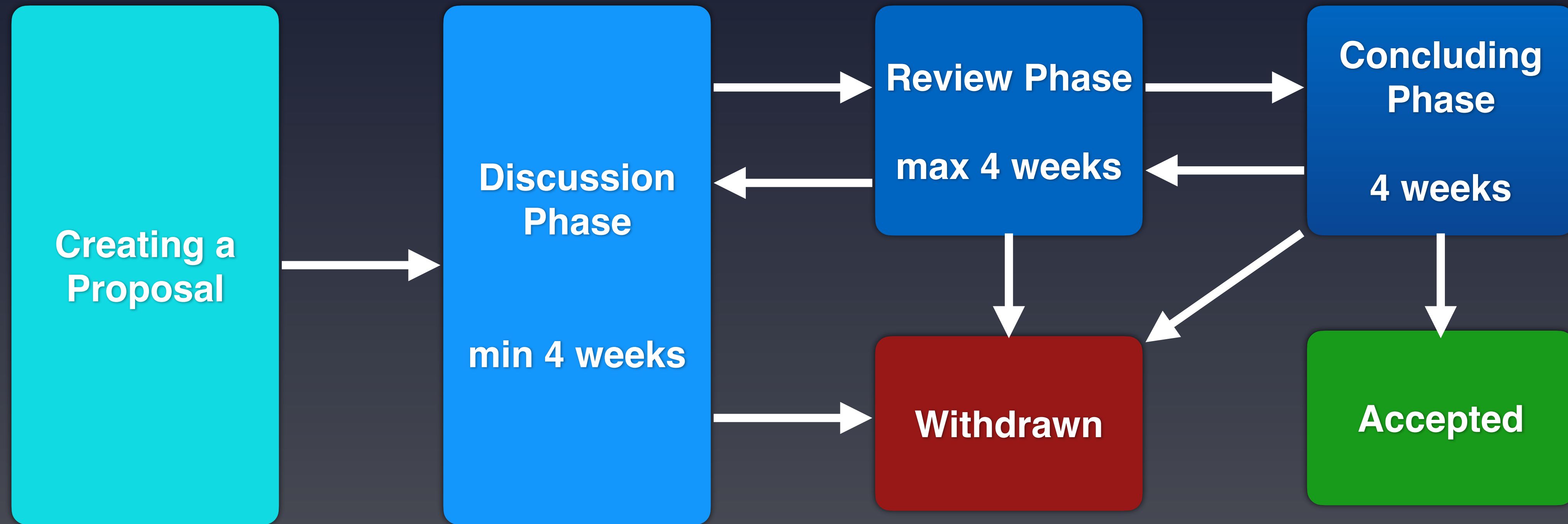


Working Groups



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

PDP phases



- Conclusions are reached by consensus determined by the WG Chairs

Policy Development Process



- Open
- Transparent
- Bottom-up

Who is most interested in PDP and why?



Different network operators are taking part in the PDP

- ISPs, WebHosting providers, VPN providers, Content providers
- Commercial entities
- Universities, Researchers
- Governments
- Law Enforcement Agencies
- Individual internet users
- Brokers

RIPE Policies might change



- The size of allocations made by the RIPE NCC to its members
- The size of assignments made by LIRs to end users
- The number of peers needed to qualify for a public AS
- The information to be published in the RIPE Database
- The transferability of internet number resources to different entities
-

RIPE NCC in the PDP



- Secretariat to support the process
- Helps with documentation
- Implements the policies



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PDP Challenges



- Wide participation in the open discussion
- Representation of different parties with different needs
- Cultural barriers
- Respect of the Code of Conduct
- Legal constraints

PDP Conflicts



- The RIPE NCC Policy Office can help spotting a proposal conflict, i.e. with the governance scope of different bodies (RIPE NCC, RIPE NCC EB,...)
- The appeal procedure is in place to resolve conflicts with the decision taken by the WG chairs

Recent RIPE policy changes



- Introducing new regulations for the distribution of scarce IPv4 resource (reducing maximum size to 256 IPs, for new members only via waiting list system)
<https://www.ripe.net/participate/policies/proposals/2019-02>
- Change the business rules for the RIPE Internet Routing Registry (IRR) service to allow for a better hierarchy. Objects in conflict with Route Origin Authorisations (ROAs) will be deleted from the Non-Authoritative RIPE IRR Database
<https://www.ripe.net/participate/policies/proposals/2018-06>

What are we expecting to see happen with PDP over the next 12 months?



- New privacy rules for the RIPE Database?
- Tuning in the IPv6 addresses allocation and assignment policies?
- New services for routing registry/security?
- ...



Questions



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