Regional Internet Registry System at a Glance

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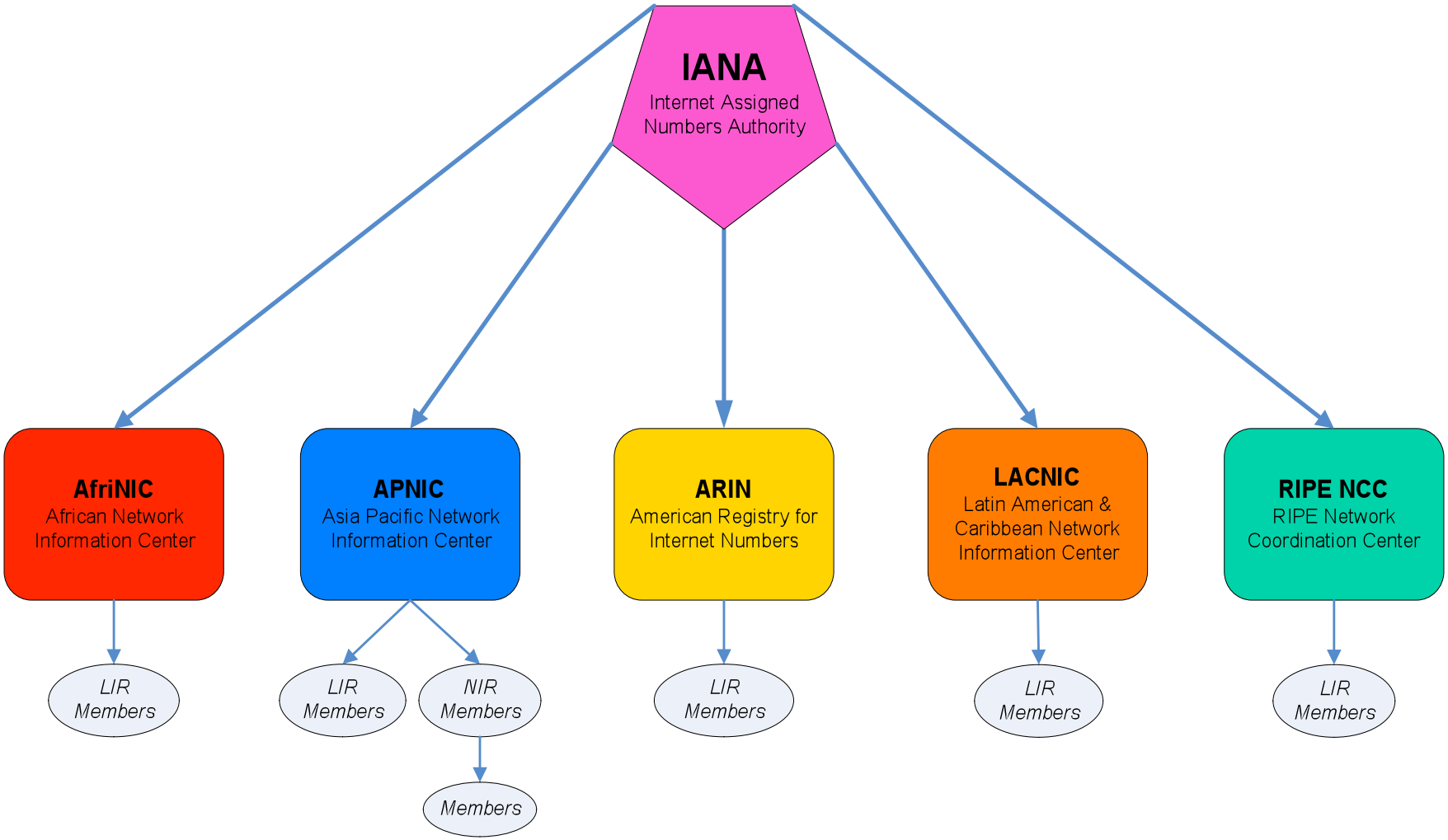
WHO …?


IANA
Internet Assigned Numbers Authority
AfriNIC
African Network Information Center
APNIC
Asia Pacific Network Information Center
ARIN
American Registry for Internet Numbers
LACNIC
Latin American & Caribbean Network Information Center
RIPE NCC
RIPE Network Coordination Center
LIR Members
LIR Members
NIR Members
LIR Members
LIR Members
LIR Members
Members

Served Regions

VISION…

- Leads the Internet technology and policy development in its Region.

- Operates under the principles of openness, transparency, neutrality and fairness.

MISSION …

- Main role is to serve its community by providing professional and efficient management of Internet Resources (IPv4, IPv6 & AS).
- Manage, operate and maintenance of a public-access database for Internet resources and routing databases (whois, reverse DNS, ..etc).
- Strengthening the cooperation and relationships with the main stakeholders of the Internet services within the region.
- Consider cultural and language diversity in its region.
- Encourage continuous learning and innovation in the community.
- Developing the regional capabilities through training and knowledge transfer of Internet-related technology.

Organization Structure …

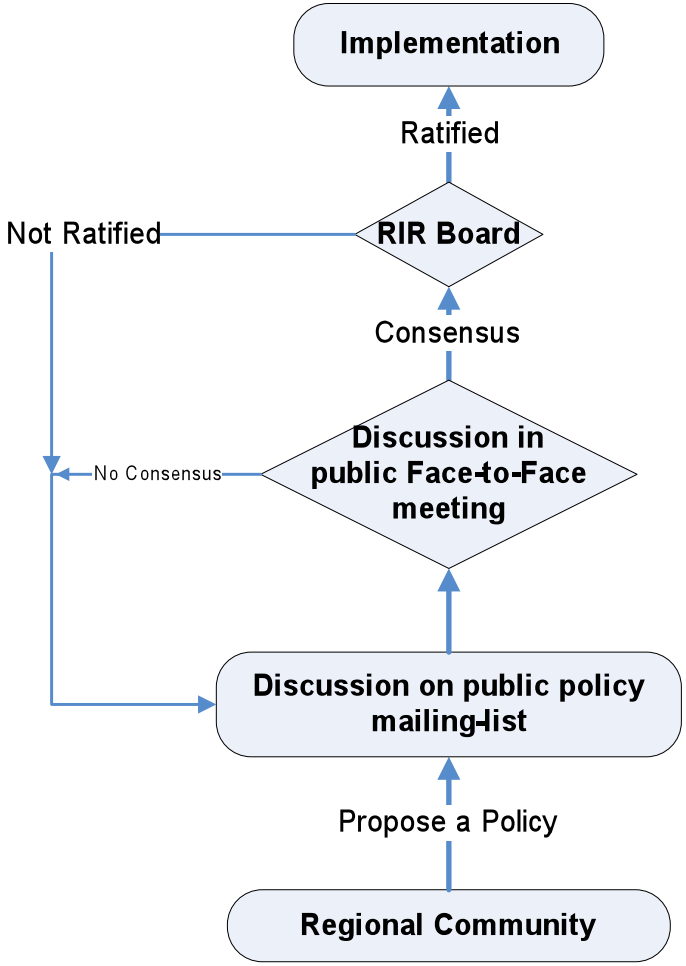
- RIR Organizational structure developed to operate as a service organization that is responsive to the needs of the community it serves.
- It is set to encourage a bottom-up self governance management model where policies and other organizational functions are determined and driven by the community in general and members themselves who elect representatives that seat on the Board of Directors.

Policy Development Process

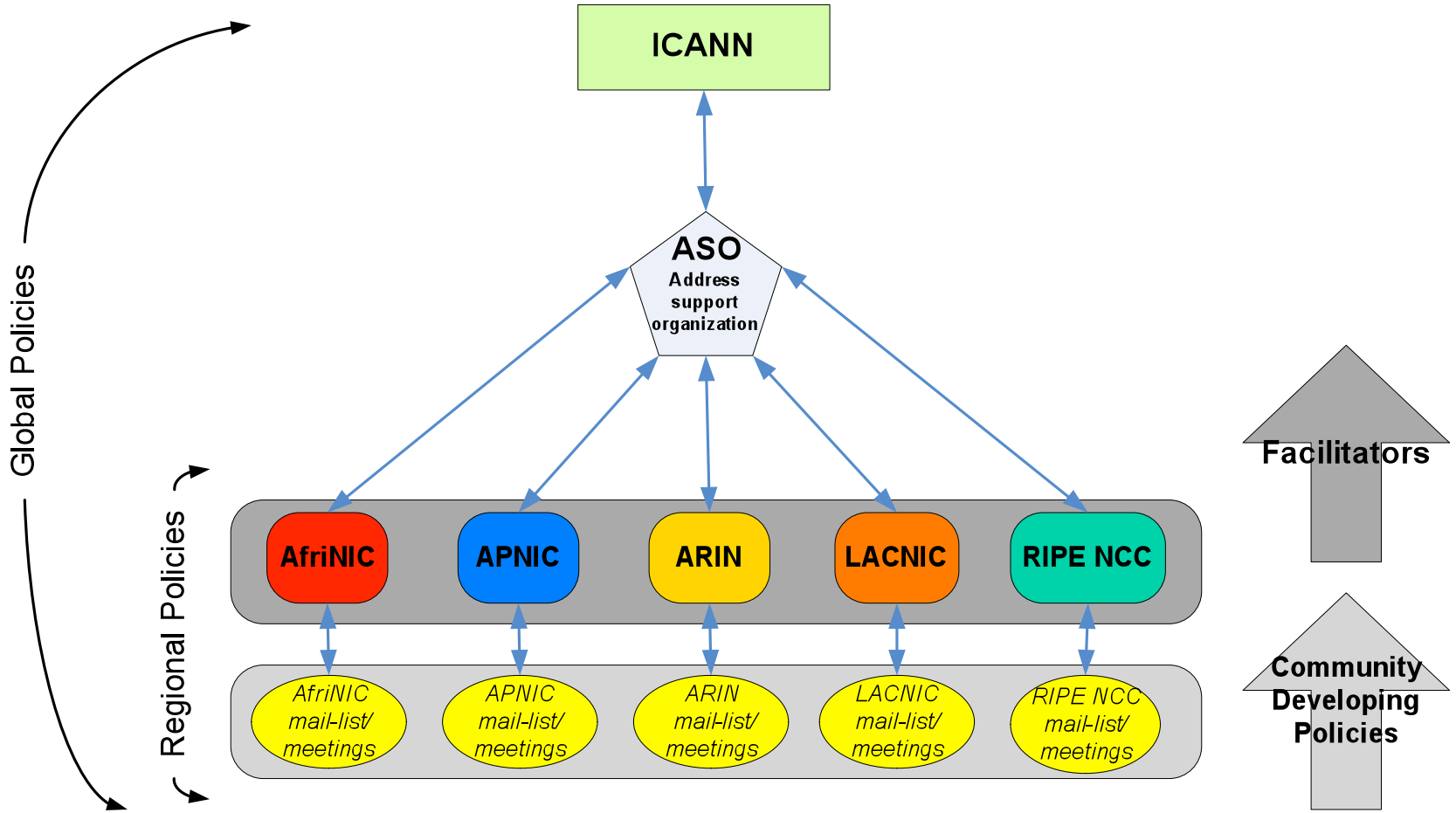
- Policies are developed through a bottom-up process agreed on by the community of each region.
- Policies discussions are conducted on a transparent base via both public email discussion lists and public face-to-face meetings.
- Regional Policies : RIR ratify and implement policies that reach a consensus through its community discussions.
- Global Policies : RIRs implement a global policy that reach a consensus in all RIRs and ratified by ICANN board.

http://www.nro.org/documents/aso-mou.html

Regional Policy Development Process



Global Policy Development Process



Participation conditions ..!

- There are no prerequisites for participation in the PDP process and anybody in the community with an interest can get involved, propose and take part in the discussions on policy matters related to Internet resources management in the region of service.

Training Activities …

- Each RIR provides a range of courses for members and non-members.
- These courses include:
  - LIR training (to help members send a correctly Internet resources allocation request and how to deal with the RIR database).
  - DNS training (includes DNSSEC, reverse DNS, DNSMON).
  - Routing training (includes advancing BGP)
  - IPv6 training (IPv6 course from A-Z)
  - Unix OS training
  - Others (Anti-SPAM, ISP operation, Security)

Development Projects …

- Each RIR has projects to develop the penetration and use of Internet in its region.
- Projects such as:
  - IPv6 resource/info center (to increase awareness)
  - IPv6 Virtual Lab (online remote lab for training)
  - 4-byte ASN WiKi
  - Deploy DNS Root servers (anycast)
  - Fund for ICT research projects (ex. FRIDA program)

Thanks