



# Introduction to the ICANN Address Supporting Organization

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Chair, ICANN ASO Address Council

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- 1. About the ASO: MoU, Global Policy, Address Council**
- 2. Policy Development Process**
  - RIR PDP:
    - Principles, Roles,  
Basic Steps
  - Global PDP
- 3. Policy Discussions:**
  - Policy Proposals (Global and Regional)
- 4. Closing: Questions and Answers, How to Participate**

## **ASO MoU (dated 21 October 2004)**

- Agreement between ICANN and the Numbering Resource Organization (NRO)
- NRO fulfills the role of the ASO
- The NRO Number Council fulfills the role of the ASO Address Council
- Defines the Global Policy Development Process (PDP) as a 15-step process
  - From proposal through adoption by the ICANN Board
  - Based on the RIR's PDPs... “...the global policy proposal [will] be placed on the agenda for next open policy meeting in each region, in accordance with the applicable policy process...”

## Global Policy

- “Global policies are defined within the scope of this agreement as Internet number resource policies that have the agreement of all RIRs [Regional Internet Registries] according to their policy development processes and ICANN, and **require specific actions or outcomes on the part of IANA** or any other external ICANN-related body in order to be implemented.”\*
- For the most part global proposals/global policies determine number allocation policy for requests from the RIRs to the IANA (RIRs receive their number resources from IANA)

*\*Defined in the ASO MoU (dated 21 October 2004)*

**Comprised of 15 elected and appointed individuals from all 5 regions**

**Independent body separate from RIR management and board to:**

1. Oversee global policy development
2. Appoint 2 ICANN Board of Directors
3. Serve on ICANN bodies:  
NomCom, AoC Review Teams
4. Advise ICANN Board on number resource matters

## **Open Forum**

- Open Policy Mailing List
- Open Policy Meetings

## **Transparent**

- PDP documented
- Policies documented
- Meetings documented

## **Bottom Up**

- Consensus-based
- RIRs do not dictate policy, they implement

## Community

- Submit policy proposals
- Discuss policy proposals (in favor or not?)

## Consensus Evaluator

- Determine consensus

## Board

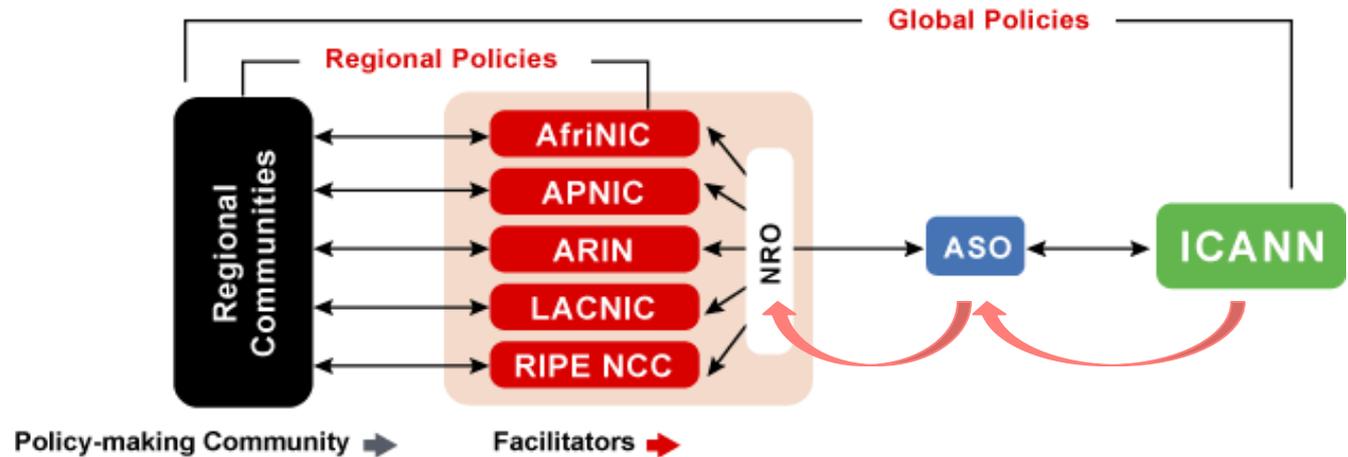
- Provide fiduciary and process oversight\*
- Ratify policy\*

*\*Responsibility shared with WG Chairs in some RIRs*

## Staff

- Conducts assessments of proposal impacts
- Implement ratified policy

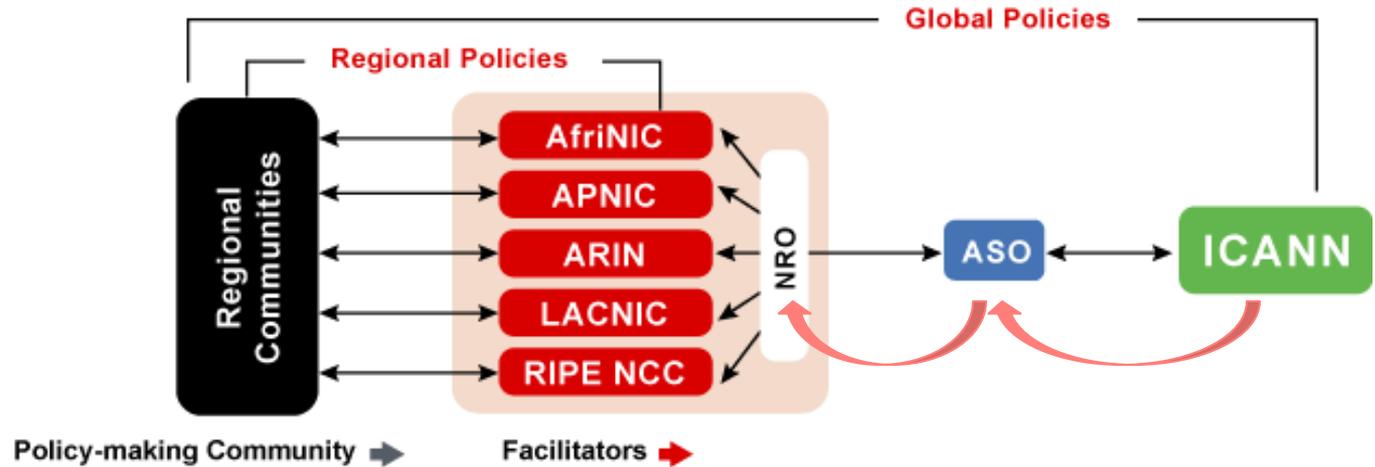
- 1. Community individuals and groups submit a proposal**
- 2. Community discusses the proposal on the mailing list**
- 3. Community discusses the proposal at an open policy meeting**
- 4. Consensus evaluation**
- 5. Last Call**
- 6. Adoption**
- 7. Implementation**



**Global proposal discussed/presented at all 5 RIRs per their PDPs**

- ASO AC members follow and participate in discussions

**After adoption by all 5 RIRs proposal forwarded to the ASO AC**



## ASO AC Proposal Review

- Process (RIR PDP) review
- Common agreement among RIRs on common text
- Adequate consideration of viewpoints

**Upon successful review, ASO AC forwards proposal to ICANN Board for adoption**

**ICANN Board adopts, and IANA implements**

## 9 Global Proposals (since 2001)

- Adopted and implemented as policy = 6
- Under discussion = 1
- Abandoned = 2

<http://aso.icann.org/global-policies/>

## Review

- Global Proposal
  - Policy about IANA and RIRs
- RIR Proposal
  - Policy about RIRs and their customers



# Overview of Number Policy Discussions: Global Proposals and Regional Policy Proposals

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[GPP-IPv4-2011] Global Policy for post exhaustion IPv4 allocation mechanisms by the IANA

Allows IANA to receive address space from the RIRs

Allows IANA to allocate space back to the RIRs

Status:

AfriNIC – Last call

APNIC – Adopted

ARIN – Last Call

LACNIC – Last Call

RIPE – Adopted

## Recent Regional Policy Proposal Activities (Q4 2011)

**IPv4 policies: allocation, reclamation, transfer (40)**

**IPv6 address policies (6)**

**WHOIS changes (5)**

**Other (1)**

***Total: 52 regional policy proposals in the later half of 2011 (there were about 50 in the first half of 2011)***



# Closing: Questions and Answers

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### **Watch the ASO AC site for news about new global proposals**

- <http://aso.icann.org/>

### **Participate in the Policy Discussions in your RIR region**

- Global proposals are discussed on the RIR's policy mailing lists and at open policy meetings
- Subscribe and participate on the appropriate list and attend open public policy meetings (remote participation enabled)
  - Open, no membership requirements
  - State your opinion

## Subscribe to the RIR policy list(s)

- No membership requirements

## Attend RIR meetings

- In person (open, nominal fee)
- Remote (free)



**Internet Number Resource Policy Development: Participation is Easy!**

**NRO**

The Number Resource Organization (NRO) encourages all stakeholders to get involved and participate in the development of Internet number resource policy. These policies govern how the Regional Internet Registries (RIRs) distribute and manage IPv4 and IPv6 address space and Autonomous System Numbers.

<http://nro.net/about/rirs.html>

RIR policy forums are open to everyone. Anyone can propose a policy or argue for or against a policy proposal, so everyone's voice can be heard. All policy proposals, discussions, and debates are conducted publicly on email lists and at open policy meetings. Decisions are based on the consensus of all participants. There are several ways to get involved:

- 1. Read the Policy Proposals Under Discussion**  
Proposals are available for anyone to read. To find out what's currently under discussion in your region, see:  
Afrinic - <http://www.afrinic.net/policy.htm>  
APNIC - <http://www.apnic.net/policy/proposals>  
ARIN - <https://www.arin.net/policy/proposals>  
LACNIC - <http://lacnic.net/en/politicas>  
RIPE NCC - <http://www.ripe.net/ripe/policies/proposals>
- 2. Discuss Policy Proposals on RIR Mailing Lists**  
Each RIR maintains an open mailing list devoted to the discussion and development of the policies in its region. No membership is required.  
Afrinic - <https://lists.afrinic.net/mailman/listinfo/cgi/rpd>  
APNIC - <http://mailman.apnic.net/mailman/listinfo/sig-policy>  
ARIN - <http://lists.arin.net/mailman/listinfo/arin-ppml>  
LACNIC - <https://mail.lacnic.net/mailman/listinfo/politicas>  
RIPE NCC - <http://www.ripe.net/mailman/listinfo/address-policy-wg>
- 3. Attend RIR Public Policy Meetings**  
Each RIR hosts regular open policy meetings where anyone interested in number resource policy can meet to discuss policy issues, share technical knowledge and best practices, and collaborate on solutions to maximize the growth and utility of the Internet. Remote participation options are also widely available.  
<http://nro.net/meetings>
- 4. Propose a Policy Idea**  
Internet number resource policy development starts when people just like you see a way that Internet number resource management and distribution could be improved. If you have an idea, contact your local RIR to find out more about how you can submit your idea for community consideration.

Your participation is a critical part of the continued success of the bottom-up policy development process and the sustained growth of the Internet. By staying actively involved, participants define how RIRs distribute the Internet number resources that organizations need for their networks and their customers, thereby ensuring the health and success of the Internet into the future and beyond.

**Afrinic** **APNIC** **ARIN** **LACNIC** **RIPE NCC**

[www.nro.net](http://www.nro.net)



**Thank you.  
Questions?**

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