

NRO and ASO

Aftab Siddiqui

NRO-NC/ASO-AC Chair

About NRO

- NRO – Number Resource Organization was established in 2003 as a coordinating body for all Regional Internet Registries (RIRs). 4 initially as AFRINIC was formed in 2005.
- The mission of the NRO is to actively contribute to an open, stable and secure Internet, through:
 - Providing and promoting a coordinated Internet number registry system.
 - Being an authoritative voice on the multi-stakeholder model and bottom-up policy process in Internet governance.
 - Coordinating and supporting joint activities of the RIRs.

About NRO

- The NRO is a coordination point for joint RIR activities and projects, including Resource Certification (RPKI), global RIR statistics reports, global Internet governance activities and global policy coordination.
- The NRO does not manage or perform any of these activities directly. Instead, the NRO facilitates several Coordination Groups

NRO - Structure

- **Executive Council**

The CEOs/Directors of the five RIRs form the NRO Executive Council (NRO EC). The positions of Chair, Vice Chair/Secretary and Treasurer rotate annually.

- **Number Council**

The NRO-MoU also called for the creation of a Number Council. The NRO Number Council (NRO NC), is an elected body of 15 volunteers (i.e. 3 from every Region).

About ASO

- The ICANN Address Supporting Organization (ASO) was formally established on 19 October 1999 when ICANN and the heads of APNIC, ARIN, and RIPE NCC, signed a Memorandum of Understanding (MoU).
- To provide a visible framework for cooperative joint activities, the RIRs (APNIC, ARIN, LACNIC, and RIPE NCC) formed NRO on 24 October 2003.
- In October 2004 a MoU was signed between the NRO and ICANN to establish that the NRO fulfills the role, responsibilities, and functions of the ASO as defined within the ICANN Bylaws.

NRO-NC and ASO-AC

REGION	Member	Term
	Omo Oaiya <i>Mukhangu Noah Maina</i> Wafa Dahmani Zaafouri*	Jan 2017 – Dec 2019 Jan 2018 – Dec 2020 Jan 2019 – Dec 2019
	Aftab Siddiqui [Chair] Brajesh Jain <i>Simon Sohel Baroi*</i>	Jan 2018 – Dec 2019 Jan 2019 – Dec 2020 Jan 2019 – Dec 2019
	Jason Schiller Kevin Blumberg* [Vice Chair] Louis Lee	Jan 2017 – Dec 2019 Jan 2018 – Dec 2020 Jan 2019 – Dec 2021
	Jorge Villa [Vice Chair] Ricardo Patara Esteban Lescano*	Jan 2018 – Dec 2020 Jan 2019 – Dec 2021 Dec 2018 – Dec 2020
	Nurani Nimpuno Filiz Yilmaz <i>Hervé Clément*</i>	Jan 2019 – Dec 2021 Jan 2017 – Dec 2019 Jan 2018 – Dec 2020

(Italic) New member

* Appointed by RIR Board

NRO-NC and ASO-AC

The ASO AC / NRO NC's responsibilities include:

- Undertaking a role in the Global Policy Development Process (GPDP) and ensuring that policy has been followed.
- Defining procedures for the selection of individuals to serve on other ICANN bodies, in particular on the ICANN Board.
- Selecting individuals to serve on ICANN's Board in Seats 9 and 10.
- Providing advice to the ICANN Board on Internet number resource allocation policy in conjunction with the ASO/NRO.

NRO-NC and ASO-AC

ASO elected following Board members to ICANN Seat 9 and Seat 10



Ron da Silva



Akinori Maemura

Global Policy Development

ASO-AC members follow their respective RIR's policy forum for any proposed global policy.

2019 Policy Proposal Facilitator Team (PPFT):

- Wafa Dahmani Zaafour (AfriNIC)
- Brajesh Jain (APNIC)
- Jason Schiller (ARIN)
- Esteban Lescano (LACNIC)
- Hervé Clément (RIPE NCC)

Global Policies

- **[GPP-IPv4-2008]** Global Policy for the Allocation of the Remaining IPv4 Address Space

Summary: This policy describes the process for the allocation of the remaining IPv4 space from IANA to the RIRs. When a minimum amount of available space is reached, one /8 will be allocated from IANA to each RIR, replacing the current IPv4 allocation policy.

Status: This proposal was ratified by the ICANN Board on 6 March 2009

- **[GPP-IPv4-2011]** Global Policy for Post Exhaustion IPv4 Allocation Mechanisms by the IANA

Summary: IANA will accept return of address space into a reclamation pool, IANA reallocation to RIRs based on equal distribution twice a year.

Status: This proposal was ratified by the ICANN Board on 6 May 2012.

Global Policy Development Process

- A proposed global policy can be submitted either to one of the RIR policy fora (via mail lists or public policy meeting) or to the ASO Address Council directly.
- If it is presented to one of the RIR policy fora a member of the ASO-AC from that region will notify the Chair of the ASO Address Council within ten days of the introduction of the proposal.
- If it is presented to the ASO-AC the members of the AC will notify their respective RIRs within ten days of the introduction of the policy proposal to the AC.
- The Chair of the AC will place the global policy proposal on agenda of the next Council meeting as an information item.

Thank you.

Questions?