NRO update

John Curran

NRO Executive Council

What is the NRO?

- Number Resource Organization
  - Vehicle for RIR cooperation and representation
  - Lightweight, unincorporated association
  - NRO MoU, 24 Oct 2003
- Why?
  - Protect the unallocated Number Resource pool
  - Promote and protect the bottom-up policy development process
  - Act as a focal point for input into the RIR system
  - Fulfill the role of the ICANN Address Supporting Organisation (ASO)

NRO structure

- Executive Committee
  - 1 appointed representative from each RIR, plus RIR board and staff observers
  - 3 officeholder positions, rotating annually
  - Decisions by unanimous EC agreement
- Secretariat
  - Rotating with NRO Secretary position
- Executive Secretary
  - New permanent role to support ASO and NRO activities
  - German Valdez appointed on April 2013 (german@nro.net)
- Coordination Groups
  - Engineering (ECG), Communications (CCG), Public Affairs (PACG) and Registration Services Managers (RSM).

Number Resource Organization

NRO in 2013

- Executive committee
  - AFRINIC: Adiel Akplogan (Secretary)
  - APNIC: Paul Wilson (Chair)
  - ARIN: John Curran
  - LACNIC: Raul Echeberria
  - RIPE NCC: Axel Pawlik (Treasurer)
- Secretariat
  - Hosted by AFRINIC

ASO: What is it?

- Address Supporting Organisation
  - ASO MoU, 21 October 2004
- Recognised under the ICANN Bylaws to:
  - Oversee global number resource policy work
  - Appoint 2 Directors to the ICANN Board
  - Appoint representatives to serve on various ICANN bodies as needed: (e.g. NomCom)
  - Advise ICANN Board on number resource matters
- ASO Address Council
  - 15 individuals, 3 per RIR region

ASO: AC in 2013

AfriNIC	Fiona Asonga
	Alan Barrett* (Vice-chair)
	Douglas Onyango
APNIC	Naresh Ajwani (Vice-chair)
	Tomohiro Fujisaki
	Andy Linton*
ARIN	Louis Lee (Chair)
	Jason Schiller
	Ron da Silva*
LACNIC	
	Hartmut Glaser*
	Ricardo Patara
RIPE NCC	Hans Petter Holen
	Dmitry Kohmanyuk
	Wilfried Woeber*

*Appointed by RIR Board

NRO Funding to ICANN

- NRO expenses distribution
  - Weighted formula based on revenue and total IPv4 resources allocated
    - AFRINIC (4.14%)
    - APNIC (37.50%)
    - ARIN (18.17%)
    - LACNIC (6.86%)
    - RIPE (33.45%)
- Voluntary Contribution
  - The NRO remains committed to a yearly contribution of $823,000

ASO Review

- Conducted July to December 2011
- Report published 14 March 2012
  - http://aso.icann.org/news
  - 26 recommendations
- NRO/ASO response 3 May 2012
  - http://nro.net/news
- Next:
  - Report to ICANN Structural Review Committee in ICANN 47 Durban.
  - Implementation by ASO and NRO (RIRs)

New Global Policy

- GPP-IPv4-2011
  - Global Policy Proposal for Post Exhaustion IPv4 Allocation Mechanisms by IANA
  - Describes how IANA will re-allocate returned IPv4 resources
  - Ratified by ICANN Board: 15 May 2012

- Resources returned by three RIRs
  - APNIC
  - ARIN
  - RIPE

Internet Governance Forum

- Multistakeholder Advisory Group (MAG)
  - NRO members on technical community slate
    - Raul Echeberria, Paul Rendek, Paul Wilson
- 7th IGF Meeting
  - Baku, 6 to 9 November 2012
  - NRO annual contribution doubled to 75K USD
  - NRO workshops
    - Moving to IPv6: Challenges for Internet Governance
    - Certifying Internet Number Resources: Internet Governance and RPKI
    - Participation in many other events, including closing remarks for technical community (Paul Wilson)

Internet Governance cont.

- IGF Open Consultation February 2013.
  - NRO support to IGF and MS model
  - http://www.nro.net/documents
- CSTD
  - Working Group on IGF Improvements
  - http://www.unctad.info/en/CstdWG
- OECD & the NRO
  - Founding member of the Internet Technical Advisory Committee (ITAC)
  - Forums including the Working Party on Communications Infrastructure and Service Policy (CISP)

2012 Correspondence

- World Telecommunications Policy Forum (WTPF)
  - Nominated members to WTPF Expert Group
  - Encouraged the ITU Secretariat to continue opening its conferences to all stakeholders.
- World Conference on International Telecommunications (WCIT)
  - Expressing concerns about inclusion of Internet matters in ITRs

2012 Correspondence

- IPv6 Outreach
  - Asking ITU SG to open discussions on IPv6 capacity building initiatives
  - NRO still awaiting ITU proposal
- IANA Functions Contract to ICANN
  - Welcoming the decision by US DoC
- http://www.nro.net/documents

Other developments

- Retreat meetings February 2013 (SG)
  - "I*" Group
  - NRO EC
- Increase IGF contribution from 2013
  - $100,000
- Coordination groups
  - Registration Services
  - IPv6
- RPKI project management
  - Future planning and milestones

Thank You

http://www.nro.net