NRO update

Paul Wilson

Secretary

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 Internet community input into the RIR system
  - And: Fulfil 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
- Coordination Groups
  - Engineering (ECG), Communications (CCG), Public Affairs (PACG) and Registration Services Managers (RSM)

NRO in 2012

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

- Secretariat
  - Hosted by APNIC

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 2012

AfriNIC	Fiona Asonga
	Alan Barrett* (Vice-chair)
	Douglas Onyango
APNIC	Naresh Ajwani
	Tomohiro Fujisaki
	Andy Linton*
ARIN	Louis Lee (Chair)
	Jason Schiller
	Ron da Silva*
LACNIC	Sebastián Bellagamba
	Hartmut Glaser*
	Alejandro Guzman
RIPE NCC	Hans Petter Holen
	Dave Wilson (Vice-chair)
	Wilfried Woeber*

*Appointed by RIR Board

NRO Finances

- NRO expenses incurred by RIRs and reconciled at year-end
  - Weighted formula based on revenue and resource holdings
- Major expenses
  - Address council travel expenses
  - Communications activities
  - Voluntary contribution to ICANN (USD 823K/year)
- Expense distribution 2011
  - AfriNIC   4.14 %
  - APNIC   37.50 %
  - ARIN   18.17 %
  - LACNIC   6.86 %
  - RIPE NCC   33.45 %
- Expense distribution 2012
  - TBD later in 2012

ICANN – 2012

- ICANN 43 – 45
  - "ASO Workshops"
  - Meetings with ICANN Board and committees - SSAC, GAC, etc
- ASO Review
  - Responsibility of the NRO, contracted to ITEMS international
  - Report published 14 March 2012
  - Comment period closed 6 April 2012
  - NRO EC response under development
- Global Policy GPP-IPv4-2011
  - Comment period closed: 4 April 2012
  - Awaiting ICANN Board Ratification

Internet Governance Forum

- **Multistakeholder Advisory Group (MAG)**
  - NRO members on technical community slate
    - Raul Echeberria, Paul Rendek, Paul Wilson
- **7th IGF Meeting**
  - When: 6 to 9 November 2012
  - Where: Baku, Azerbaijan
  - Proposed workshops
    - Moving to IPv6: Challenges for Internet Governance
    - Certifying Internet Number Resources: Internet Governance and RPKI

Internet Governance cont.

- CSTD Working Group on IGF Improvements
  - Commission on Science and Technology for Development
  - 2 technical community appointments
    - Sam Dickinson and Oscar Robles
  - Report: 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)
  - Letter to ITU Secretary General nominating members to WTPF Expert Group
  - Paul Wilson and Cathy Handley (ARIN)
- IPv6 Outreach
  - Letter to ITU Secretary General to open discussions on IPv6 capacity building initiatives
- See http://www.nro.net/documents

Other developments

- Establishment of "PACG", Public Affairs Coordination Group
- Liaison/coordination with "I*" group
- RPKI project planning
  - Technical coordination
  - ICANN liaison
- Legacy IPv4 space
  - Further review of unused legacy space

Thank You

http://www.nro.net