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

<table>
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<th>RIR</th>
<th>Members</th>
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| 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
• 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
• CSTD Working Group on IGF Improvements
  – Commission on Science and Technology for Development
  – 2 technical community appointments
    • Sam Dickinson and Oscar Robles

• 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