NRO update

Paul Wilson
Secretary
NRO Executive Council
NRO: What is it?

• Number Resource Organization
  – Vehicle for RIR cooperation and representation
  – Lightweight, unincorporated association

• 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
  – 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

• Coordination Groups
  – ECG, CCG, PACG, RSM

• Number council
  – Serves as ASO Address Council
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
<table>
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<tr>
<th>Organization</th>
<th>Members</th>
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<tbody>
<tr>
<td>AfriNIC</td>
<td>Fiona Asonga</td>
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<td>Alan Barrett* (Vice-chair)</td>
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<td>Douglas Onyango</td>
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<td>APNIC</td>
<td>Naresh Ajwani</td>
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<td>Tomohiro Fujisaki</td>
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<td>Andy Linton*</td>
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<td>ARIN</td>
<td>Louis Lee (Chair)</td>
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<td>Jason Schiller</td>
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<td>Ron da Silva*</td>
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<td>LACNIC</td>
<td>Sebastián Bellagamba</td>
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<td>Hartmut Glaser*</td>
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<td>Alejandro Guzman</td>
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<td>RIPE NCC</td>
<td>Hans Petter Holen</td>
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<td>Dave Wilson (Vice-chair)</td>
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<td>Wilfried Woeber*</td>
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*Appointed by RIR Board
NRO Finances (2012)

• NRO expenses distribution
  – Weighted formula based on revenue and total number of resources held:
    • AFRINIC (4.14%)
    • APNIC (37.50%)
    • ARIN (18.17%)
    • LACNIC (6.86%)
    • RIPE (33.45%)

• NRO contribution to ICANN
  – The NRO remains committed to a yearly contribution of $823,000
ASO Review

- Awarded to ITEMS
  - July-December 2011
- Report 14 March 2012
  - aso.icann.org/news/aso-review-report-published
  - Followed by public comment period
- Joint NRO / ASO AC response
  - nro.net/news/review-response-2012
  - Addressing recommendations and comments
- Next: report, comments, and response go to
  - Structural Review Committee
  - ICANN Board
IPv4 returns to IANA

- 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 3 RIRs
  - RIPE
  - ARIN
  - APNIC
Other developments

- PACG: Public Affairs Group formed
  - Coordination and information sharing
  - E.g. WCIT and related processes.
- "I*" group
  - Liaison/coordination with Internet orgs
  - ISOC, IETF, IAB, ICANN, W3C
- RPKI
  - Technical coordination through ECG
  - ICANN liaison
- Legacy IPv4 space
  - Further review of unused legacy space
Thank You

http://www.nro.net