



# NRO update

Axel Pawlik

Treasurer, NRO Executive Council

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# 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 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
  - Executive Secretary: German Valdez (from April 2013)

# 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 (e.g. NomCom, ATRT)
  - Advise ICANN Board on number resource matters
- ASO Address Council
  - 15 individuals, 3 per RIR region

# ASO: AC in 2013

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

\*Appointed by RIR Board

# NRO Finances

- Cost sharing
  - Proportional to registration services revenue (from 2014)
- Expenses
  - Staff cost
  - Travel (AC and staff)
  - Communications and outreach
  - Contribution to ICANN
    - Remains at \$823,000 per annum

# 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>
- Latest:
  - Report to ICANN Structural Review Committee in ICANN 47 Durban.
  - Implementation by ASO and NRO (RIRs)



NRO

# Internet Governance Forum

- IGF Multistakeholder Advisory Group
  - Raul Echeberria, Paul Rendek, Paul Wilson
- 8<sup>th</sup> IGF
  - Bali, Indonesia 22 to 25 October 2013
  - NRO annual contribution increased to 100K USD
  - NRO workshops
    - IPv4 Markets and Legacy Space
    - Importance of Regional Coordination in Internet Governance





# 2013 Correspondence

- World Telecommunications Policy Forum (WTPF)
  - Call for more openness, and greater attention to IPv6 Deployment
- IGF Open Consultation February 2013.
  - NRO support to IGF and MS model
- ICANN's regionalization and ICP-2 Process
  - Establishment of new RIR must follow ICP-2
- Progress on RPKI testbed with IANA
- <http://www.nro.net/documents>

# Other developments

- NRO-EC Retreats
  - Singapore, February 2013
  - Montevideo, October 2013
- New NRO Coordination groups
  - Registration Services, IPv6
- RPKI project management
  - Future planning and milestones
  - IANA cooperation on testbed
- ICANN discussions
  - Response to recent IANA consultation
  - ASO presence in ICANN meetings



# NRO Mission 2013

*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.*



**Thank You**

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Number Resource Organization