



# NRO report

Raúl Echeberría  
Chair  
NRO Executive Council



# What is the NRO?

- Number Resource Organisation
  - Vehicle for RIR cooperation and representation
- Formed for the purposes of:
  - protecting the unallocated Number Resource pool
  - promoting and protecting the bottom-up policy development process
  - acting as a focal point for Internet community input into the RIR system
- Established the ASO within ICANN framework
  - By MoU signed on 21 October 2004

- Current office holders
  - Chairman: Raúl Echeberría, LACNIC
  - Secretary: John Curran, ARIN
  - Treasurer: Paul Wilson, APNIC
- NRO Coordination Groups
  - Engineering Coordination Group (ECG): Chair - Arturo Servin, LACNIC
  - Communications Coordination Group (CCG): Chair - Ernesto Majó, LACNIC
  - Registration Services Managers (RSM): Chair - Leslie Nobile, ARIN

- NRO expenses distribution 2010

- Weighted formula based on revenue and resources held

AfriNIC	3.50 %
APNIC	32.40 %
ARIN	24.70 %
LACNIC	4.70 %
RIPE NCC	34.60 %

- NRO contribution to ICANN

- We have renewed our agreement
- The NRO remains committed to a yearly contribution of \$823,000.



# NRO & ICANN – 2010/2011

- **Brussels, Belgium, 20-25 June 2010**
  - Meeting with ICANN/IANA Vice President, Elise Gerich
  - NRO Retreat
  - Resulted in NRO participation in Accountability and Transparency Review Committees through the ASO AC
- **Cartegena de Indias, Columbia, 5-10 December 2010**
  - ASO AC Update to Community, ICANN Board and Government Advisory Committee (GAC)
- **San Francisco, USA, 13-18 March 2011**
  - ASO AC Update to Community
  - ASO AC meeting



NRO

# Internet Governance Forum

- NRO has actively participated in all the previous IGF events
- NRO is represented in the Multistakeholder Advisory Group (MAG) - Raúl Echeberría and Cathy Handley
- NRO is represented in the Commission on Science and Technology for Development (CSTD) Working Group - Sam Dickinson and Oscar Robles.
- Last Meeting
  - 14-17 September in Vilnius, Lithuania
    - Meeting with UN Assistant Secretary General Jomo
    - NRO Booth run by RIR staff
    - Workshop Coordination & Participation
    - Financial contribution to the IGF Secretariat
    - NRO Press Release regarding IPv6
    - Updated NRO Brochure on Continuing Cooperation

# International cooperation

- ITU

- Continued efforts to promote self governance model
- Participation in the 3 meeting of the ITU IPv6 WG
- Participation in Plenipotentiary, 4-22 October 2010, Guadalajara, Mexico
- Letter to the ITU-T and ITU-D inviting them to hold talks consistent with the outcomes of the Plenipot 2010 with regard to ITU interaction with other stakeholders.

- OECD

- The NRO is a founding member of the Internet Technical Advisory Committee (ITAC), continues its participation advising on issues of critical Internet resources in forums including the Working Party on Communications Infrastructure and Service Policy (CISP)





# Ongoing activities in 2010/11

- Engineering Coordination
  - Focus on Resource Certification (RPKI) implementation coordination
- NRO workshop in 3-8 February, Miami Florida
  - Hosted by ARIN
  - Concurrent with ICANN/IANA distribution of last 5 /8s
  - Met with ICANN, ISOC, IAB & IETF Executives



# Workshop outcome

- Continue working towards a single Resource Certification (RPKI) Trust Anchor
- Review of 2011 CCG Work Plan
- Preparation of items to review with ISOC and ICANN executives
- ITU IPv6 Working Group coordination
- IGF continuing support and participation



# Recent NRO statements and communications

- 2010
  - Message development regarding IPv4 and IPv6
  - Develop Secure Internet through Resource Certification (RPKI) messaging
  - Preparations for ITU IPv6 (March) and IGF (September)
- 2011
  - Letter to ICANN about IANA contract
  - Letter to ICANN inviting them to hold talks about the implementation of a RPKI single Trust anchor
  - Comments to the US DoC NoI on IANA contract.
    - No expansion of IANA functions
    - Support to ICANN as IANA functions performer
    - Support to keep the IANA functions together
    - Introduction of the “cooperative agreement” concept.
  - Letter to ITU about NRO/ITU relationship.
- All statements and correspondence with other organizations are available on the NRO website.

