



# NRO update

To be the flagship and global leader  
for collaborative Internet number  
resource management as a central  
element of an open, stable and  
secure Internet

LACNIC 25, 5 May 2016  
Havana, Cuba



# Presentation Summary

- **NRO Introduction**
  - What is the NRO
  - Key Focus Areas
  - NRO in 2015 & Finance
- **NRO Activities**
  - NRO Global Information
  - RIR Accountability
  - IANA Stewardship Transition
  - Internet Governance Forum

# What is the NRO?

- **Number Resource Organization**
  - NRO MoU, 24 Oct 2003.
  - Lightweight, unincorporated association.
- **Mission**
  - Provide and promote a **coordinated Internet number registry system**;
  - Promote the **multi-stakeholder** model and **bottom-up** policy development process in Internet governance;
  - Coordinate and support **joint activities** of the RIRs;
  - Act as a **focal point** for input into the RIR system;
  - Fulfill the role of the ICANN Address Supporting Organisation (ASO).



# NRO Key Focus Areas

- Support RIR coordination.
- Global collaboration and governance coordination.
- Monitor and contribute to global Internet governance discussions.

# NRO in 2016

- **Executive committee**
  - Oscar Robles (Chair) – LACNIC
  - John Curran (Secretary) – ARIN
  - Paul Wilson (Treasurer) – APNIC
  - Alan Barrett- AFRINIC
  - Axel Pawlik – RIPE NCC
- **Secretariat**
  - Hosted by LACNIC
  - Executive Secretary: German Valdez (since April 2013)
- **Coordination Groups**
  - CCG, PACG, ECG, RSCG.

# NRO Finances

- **Expenses**

- Travel (ASO AC Chair and Executive Sec).
- Communications (Webex), NRO CG coordination (Meeting room) and outreach.
- IGF Contribution
- Contribution to ICANN.
  - Remains at \$823,000 per annum (Subject to revision for the new SLA)
- Staff cost (Executive Secretary)

- **Budget**

- Shared proportionally based on registration services revenue.

- **Joint RIR Stability Fund**

- to help ensure reliable operation of the Internet's IP address management system globally in case of disruptions or emergencies.
- Pledges for over 2.1 million US Dollars
- <https://www.nro.net/joint-rir-stability-fund>



NRO

# NRO Global Information

- **Internet Number Status Report**

- Updated quarterly.
- Global stats on IPv4, IPv6, ASN
- <https://www.nro.net/statistics>

- **Comparative Policy Overview**

- Updated quarterly
- New information on RIRs membership policy (access to delegation and registration services)
- <https://www.nro.net/comparative-policy>



# RIRs Accountability

- **Governance Matrix**

- Overview of the governance frameworks of the RIRs.
- Information on Bylaws, Regional PDP, Dispute Resolutions, Use of Whois, Privacy issues, Budget, Activity planning etc.
- <https://www.nro.net/governance-matrix>
- Ongoing process to improve RIR accountability mechanisms

- **RIR Accountability Q&A**

- <https://www.nro.net/rir-accountability>

- **Joint RIR Independent Accountability Review**

- Independent review currently in process in all RIRs.
- Results will be made public





# IANA Stewardship Transition

- **IANA Stewardship Transition – CRISP Proposal**
  - Support of Consolidated RIR IANA Stewardship Proposal (CRISP) Team to drive Internet Number Community consultation process
  - Meetings records, charter, members
    - <http://www.nro.net/crisp-team>
  - Community Proposal submitted to ICG
    - <http://www.nro.net/crisp-final-proposal>
  - SLA development discussions in the RIR
    - <http://www.nro.net/sla-development>
  - NRO Comments to ICG proposal
    - <http://www.nro.net/nro-comments-icg-proposal>
  - IANA Numbering Services Review Committee Charter Defined
    - <https://www.nro.net/review-committee-charter-v1>



# IANA Stewardship Transition

- **RIR - IANA Service Level Agreement**
  - Fully based and in compliance with CRISP proposal.
  - SLA fifth draft currently under discussion with ICANN / IANA staff
    - <http://www.nro.net/sla>
    - It was open for public comment until April 15th
  - For the sake of transparency there is track changes version
    - <https://www.nro.net/sla-track-changes>
  - Document with the comments received during the consultation period and the legal team responses is available at:
    - <https://www.nro.net/SLAv4-comments>



# IANA Stewardship Transition

- **CCWG on ICANN Accountability**

- Active participation on enhancing ICANN's Accountability
  - Appointment of RIR staff and ASO AC members. (Izumi Okutani, Athina Fragkouli, Fiona Asonga and Jorge Villa)
- Important component of the IANA transition process.
- NRO Input to the process
  - Comparison Table of Proposed ICANN Governance Models
    - <https://www.nro.net/ICANN-governance-models>
  - NRO Comments to CCWG Proposal
    - <http://www.nro.net/nro-comments-ccwg-2nd-draft-proposal>



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# Internet Governance Forum

- **Participation in the 10th IGF in Brazil**
  - NRO supports annually to the IGF - 100K USD.
  - NRO Booth
    - NRO Brochure Cooperation
    - IPv6 Around the World
  - Two NRO Workshops (including IPv6 deployment) and RIR Open Forum
  - Support of IPv6 Best Practice Forum



# Thank You

- <http://www.nro.net>

2001:610:240:0 193.0.0.202 62:109:128 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203 195.048.02.03  
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