



# 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 24, 28 October – 2 October 2015  
Bogota, Colombia



# Presentation Summary

- **NRO Introduction**
  - What is the NRO
  - Key Focus Areas
  - NRO in 2014 & 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 2015

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

# NRO Finances

- **Expenses**

- Travel (ASO AC and Executive Sec).
- Communications, NRO CG coordination and outreach.
- IGF Contribution
- Contribution to ICANN.
  - Remains at \$823,000 per annum
- Staff cost.

- **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>

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Number Resource Organization

# 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.





# IANA Stewardship Transition

- **IANA Stewardship Transition**
  - 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>
  - Proposal submitted to ICG
    - <http://www.nro.net/crisp-final-proposal>
  - SLA development discussions in the RIR
    - <http://www.nro.net/sla-development>
  - SLA second draft
    - <http://www.nro.net/sla>
  - NRO Comments to ICG proposal
    - <http://www.nro.net/nro-comments-icg-proposal>



# IANA Stewardship Transition

- **CCWG**

- Active participation on enhancing ICANN's Accountability
  - Appointment of RIR staff and ASO AC members. (Izumi Aizu, Athina Fragkouli, Fiona Asonga and Jorge Villa)
- Important component of the IANA transition process.
- 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 contributes annually 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>

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