

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 26, September 30th 2016
San Jose, Costa Rica



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 (Communications), ECG (Engineering), RSCG (Registration Services).

NRO Finances

- **Expenses**

- Travel (ASO AC Chair and Executive Sec).
- Communications (Webex), NRO CG coordination (Meeting room) and outreach (IGF, ICANN, etc).
- IGF Contribution
- Contribution to ICANN.
 - \$823,000 for 2015-2016 FY
 - 2016 – 2017 FY contribution to be determined by the new SLA with ICANN
- 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.
 - Final version signed during ICANN 56 in Helsinki
 - <http://www.nro.net/sla>
 - For the sake of transparency there is track changes version of all versions
 - <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 through numbers community representatives 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. Currently discussing accountability improvements in ICANN after-transition period.
- 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>



NRO

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>