



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

RIPE 72, May 26th 2016
Copenhagen, Denmark



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, 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 Global Information

- **Internet Number Status Report**

- Updated quarterly
- Global stats on IPv4, IPv6, ASNs
- <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 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>



NRO

Internet Governance Forum

- **Participation in the 10th IGF in Brazil**
 - NRO gives support 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>

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