

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 71, 16 - 20 November 2015
Bucharest, Romania



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 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.



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 third draft currently under review
 - <http://www.nro.net/sla>
- 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/SLAv3-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 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>

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