

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

APNIC 40, September 9th 2015
Jakarta, ID



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>

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
62.109.128 195.048.02.03 193.0.0.202 2001:610:240 193.0.0.203 2001:610:240:0 193.0.0.203
193.0.0.203 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
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
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 RIR
 - <http://www.nro.net/sla-development>
- Second SLA draft open for comment until August 31st
 - <http://www.nro.net/sla>



IANA Stewardship Transition

- **CCWG**

- Active participation on enhancing ICANN's Accountability
- Important component of the IANA transition process.
 - Appointment of RIR staff and ASO AC members.



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
193.0.0.203 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
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
Number Resource Organization