

# **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



# **NRO 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 **NRO Key Focus Areas**

- Support RIR coordination.
- Global collaboration and governance coordination.
- Monitor an 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

# NIANA 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
  - <a href="http://www.nro.net/nro-comments-icg-proposal">http://www.nro.net/nro-comments-icg-proposal</a>
- IANA Numbering Services Review Committee Charter Defined
  - https://www.nro.net/review-committee-charter-v1

# NIANA 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

# NIANA 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