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

ARIN 39, 3 April 2017
New Orleans, LA
What is the NRO?

• **Number Resource Organization**

• **Mission**
  – Coordinate the RIR system and joint RIR activities
  – Promote the **multi-stakeholder** model and **bottom-up** policy development process
  – Fulfill the role of the ICANN Address Supporting Organisation (ASO).
2017 Structure

- **Executive committee**
  - John Curran (Chair) – ARIN
  - Paul Wilson (Secretary) – APNIC
  - Alan Barrett (Treasurer) - AFRINIC
  - Axel Pawlik – RIPE NCC
  - Oscar Robles - LACNIC

- **Secretariat**
  - Hosted by APNIC
  - Executive Secretary: German Valdez

- **Coordination Groups**
  - CCG (Communications)
  - ECG (Engineering)
  - RSCG (Registration Services)
Publications

• Internet Number Status Report
  – Updated quarterly.
  – Global stats on IPv4, IPv6, ASNs
  – [https://www.nro.net/statistics](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](https://www.nro.net/comparative-policy)
2016 Finances

- **Budget Allocations**
  - AFRINIC: 7.10%
  - APNIC: 23.60%
  - ARIN: 29.70%
  - LACNIC: 10.44%
  - RIPE NCC: 29.16%

- **Expenses**
  - General operations: $331,577
    - Travel, meetings, communications, secretary
    - Contributions including ICANN: $823,000

- **Joint RIR Stability Fund**
  - Helps ensure reliable operation of the Internet’s IP address management system globally in case of disruptions or emergencies.
  - Pledges of over $2.1 million
  - [https://www.nro.net/joint-rir-stability-fund](https://www.nro.net/joint-rir-stability-fund)
IANA Transition

• RIR-IANA SLA
  – Fully based and in compliance with IANA Stewardship Transition Plan
  – Signed during ICANN 56 in Helsinki
  – Effective from 1 October 2016
    • http://www.nro.net/sla

• SLA Review Committee
  – Three members from each region
    • Two elected ASO AC members
    • One staff representative
2017 Review Committee

- **AFRINIC**
  - Omo Oaiya, Douglas Onyango (AC)
  - Madhvi Gokool (staff)

- **APNIC**
  - Brajesh Jain, Tomohiro Fujisaki (AC)
  - George Kuo (staff)

- **ARIN**
  - Louie Lee, Jason Schiller (AC)
  - Nate Davis (staff)

- **LACNIC**
  - Nicolas Antoniello, Edmundo Cazares (AC)
  - Ernesto Majó (staff)

- **RIPE NCC**
  - Filiz Yilmaz, Nurani Nimpuno (AC)
  - Andrew de la Haye (staff)
ICANN Accountability

- **CCWG:** "Cross Community Working Group" on Accountability

- **Numbers Community Representatives**
  - Izumi Okutani (APNIC Region)
  - Athina Fragkouli (RIPE NCC Staff)
  - Fiona Asonga (AFRINIC Region)
  - Jorge Villa (LACNIC Region)
  - Michael Abejuela (ARIN Staff)

- **Now Working on “Workstream 2”**
  - Accountability improvements after IANA stewardship transition
RIRs Accountability

• Governance Matrix
  – Summary of RIR governance mechanisms
    • Bylaws, PDP, Dispute Resolution, Data Protection, Budget, Planning, etc
      – https://www.nro.net/governance-matrix

• Accountability FAQ
  – https://www.nro.net/rir-accountability

• Independent Accountability Assessment
  – Independent review of all RIRs
    • https://www.nro.net/regional-internetregistry-accountability-assessment-reports/
ASO Review

• ASO MoU:
  – “the NRO shall provide a periodic review of the ASO’s effectiveness within ICANN”

• First Review Conducted in 2011

• Second Review:
  – Call for Proposals Launched Late 2016
  – Awarded to ITEMS International

• Timetable
  – Consultation started during APNIC 43
  – Draft report due by ICANN 59
  – Final Report due 31 July 2017
Thank You

- http://www.nro.net