

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

April 2018 ARIN 41 Miami, Florida



What is the NRO?

- Number Resource Organization
 - NRO MoU, 24 Oct 2003
- Mission
 - Coordinating the RIR system and joint RIR activities
 - Promote the multi-stakeholder model and bottom-up policy development
 - Fulfill the role of the ICANN ASO
- http://www.nro.net



Structure (2018)

- Executive committee
 - Paul Wilson (Chair) APNIC
 - Alan Barrett (Vice Chair and Secretary) AFRINIC
 - Axel Pawlik (Treasurer) RIPE NCC
 - Oscar Robles LACNIC
 - John Curran ARIN
- Secretariat
 - Hosted by APNIC
 - Executive Secretary: German Valdez
 - Consultant: Susannah Gray
- Coordination Groups
 - CCG (Communications), ECG (Engineering), RSCG (Registration Services)
- Informal Groups
 - Public Affairs, Policy, Financial Officers, Legal Staff



Publications

- Internet Number Status Report
 - Updated quarterly.
 - Global stats on IPv4, IPv6, ASN
 - http://www.nro.net/statistics
- Comparative Policy Overview
 - Updated quarterly
 - New information on RIRs membership policy (access to delegation and registration services)
 - http://www.nro.net/comparative-policy
- Address Supporting Organization
 - http://aso.icann.org



Finances 2017

Budget allocations

AFRINIC 7.22%

- APNIC 23.50%

- ARIN 29.34%

– LACNIC 10.42%

- RIPE NCC 29.53%

Expenses

- General operations: USD \$643,000
 - secretariat, communications, travel, meetings
 - IGF Contributions \$200,000
- Contribution to ICANN: USD \$823,000
- Stability Fund
 - Joint RIR provision/pledge of over USD \$2.1M
 - https://www.nro.net/joint-rir-stability-fund



NRO IANA Review Committee

- Advise and assist the NRO EC in its review of the service level of the IANA Numbering Services provided to the Internet Number Community.
- 3 members from each region
 - 2 community elected members, 1 RIR staff rep
- Public archives and minutes
 - https://www.nro.net/iana-numbering-servicesreview-committee/
- Call for Public Comments on the IANA Performance Matrix Summary Report
 - https://www.nro.net/call-for-public-commentson-the-iana-performance-matrix-summaryreport/



NRO Review Committee (2018)

- AFRINIC
 - Omo Oaiya, Noah Maina (Community)
 - Madhvi Gokool (staff)
- APNIC
 - Bertrand Cherrier, Simon Sohel Baroi (Community)
 - George Kuo (staff)
- ARIN
 - Louie Lee, Jason Schiller (Community)
 - Nate Davis (staff)
- LACNIC
 - Nicolas Antoniello, Esteban Lescano (Community)
 - Ernesto Majó (staff)
- RIPE NCC
 - Filiz Yilmaz, Nurani Nimpuno (Community)
 - Andrew de la Haye (staff)



NRO ICANN Empowered Community

- NRO EC adopted ASO empowered community procedures.
 - ASO Procedure for Empowered
 Community Approval Actions
 - ASO Procedure for Empowered
 Community Rejection Actions
 - ASO Procedure for Director Removal Actions
 - ASO Standard Practices for Empowered Community Activities



ASO Review

- ASO MoU...
 - "the NRO shall provide a periodic review of the ASO's effectiveness within ICANN"
- 1st review conducted in 2011
- Timeline and announcements
 - https://www.nro.net/about-the-nro/asoindependent-review-2017/
- Final report published 8 August 2017
 - https://www.nro.net/aso-review-2017



ASO Review

- NRO EC and ASO AC Joint Response to the 2017 Independent ASO Review Recommendations
 - https://www.nro.net/nro-ec-and-aso-ac-jointresponse-to-the-2017-independent-asoreview-recommendations/
- RIR community consultation for the implementation of the recommendations
 - https://www.nro.net/aso-reviewconsultation-2018/



Technical Projects

- RPKI "all resources" Trust Anchor
 - https://www.nro.net/regional-internetregistries-are-preparing-to-deploy-allresources-rpki-service/
- IANA/PTI reporting requirements. Part of IANA SLA.
- Identifier Technology Health Indicators (ITHI) Consultation:
 - https://www.nro.net/ithi-consultation
- NRO Website Revamp.



Thank You

http://www.nro.net