

To be the flagship and global leader for collaborative Internet number resource management as a central element of an open, stable and secure Internet

NRO Update

LACNIC 31 Punta Cana, República Dominicana

9 Mayo 2019

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
- <u>https://www.nro.net</u>



Structure (2019)

Executive committee

- Alan Barrett (Chair) AFRINIC
- Axel Pawlik (Vice Chair and Secretary) RIPE NCC
- Oscar Robles (Treasurer) LACNIC
- John Curran ÀRIN
- Paul Wilson APNIC

Secretariat

- Hosted by APNIC
- Executive Secretary: German Valdez
- Consultant: Susannah Gray
- Coordination Groups (Included in NRO Budget)
 - CCG (Communications), ECG (Engineering), RSCG (Registration Services)

Informal Groups

• Public Affairs, Policy, Financial Officers, Legal Staff



Internet Number Status Report

- Updated quarterly.
- Global stats on IPv4, IPv6, ASN, IPv4 Transfers
- New extended stats released in 2019 Q1
- RPKI Adoption Reports NEW May 2019
- https://www.nro.net/statistics

Comparative Policy Overview

- Updated quarterly
- Information on RIRs membership policy (access to delegation and registration services)
- https://www.nro.net/rir-comparative-policy-overview

Address Supporting Organization

<u>https://aso.icann.org</u>



Finances 2019

Budget 2019

- General operations: USD \$570,000
- ASO, NRO and IANA Review Committee Secretariat support, Communications, ASO AC Chair travel, Coordination Group meeting expenses
- IGF Contributions \$125,000
- Contribution to ICANN: USD \$823,000 (IANA Contract USD \$650,00 and voluntary contribution USD \$173,000)

Stability Fund

- Joint RIR provision/pledge of over USD \$2.1M
- <u>https://www.nro.net/joint-rir-stability-fund</u>



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
 - <u>https://www.nro.net/iana-numbering-services-</u> review-committee/

2018 IANA Numbering Services Review Committee Report Published on March 2018

 <u>https://www.nro.net/2018-iana-numbering-</u> <u>services-review-committee-report-published/</u>



Review Committee (2019)

AFRINIC

- Omo Oaiya, Noah Maina (Community)
- Madhvi Gokool (staff)

APNIC

- Bertrand Cherrier, Syam Zulfadly (Community)
- George Kuo (staff)

ARIN

- Louie Lee, Jason Schiller (Community)
- Richard Jimmerson (staff)

LACNIC

- Glenn Peace, Juan Alejo Peirano (Community)
- Ernesto Majó (staff)

RIPE NCC

- Filiz Yilmaz, Nurani Nimpuno (Community)
- Felipe Silveira (staff)



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
- <u>https://www.nro.net/about-the-nro/aso-</u>
 <u>procedures-for-empowered-community-powers</u>

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
 - <u>https://www.nro.net/about-the-nro/aso-independent-review-2017/</u>

Final report published 8 August 2017

• <u>https://www.nro.net/aso_review_2017</u>



ASO Review

RIR community consultation for the implementation of the recommendations

<u>https://www.nro.net/about-the-nro/aso-independent-review-2017/</u>

Input by the NRO Executive Council on the Public Consultation to Determine the Future Structure of the ASO

 <u>https://www.nro.net/input-by-the-nro-executive-council-on-</u> <u>the-public-consultation-to-determine-the-future-structure-of-</u> <u>the-aso/</u>

ASO Review 2017: Recommendation Implementation Status

• <u>https://www.nro.net/accountability/aso-and-icann-</u> accountability/independent-aso-reviews/aso-review-2017/



RPKI "all resources" Trust Anchor – implemented in 2017

- Emergency Backup Operations Project. On going
- Extended RIR Internet Number Status Report (including information on inter RIR transfers). Implemented Q1 2018.

RDAP

NRO Website Revamp.

• New Website launched on October 2018



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Thank You