

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**

**AFRINIC 30** 

Kampala, Uganda

21 June 2019

## 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
- https://www.nro.net



## Structure (2019)

### **Executive** committee

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



## **Publications**

## 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**

https://aso.icann.org



## 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
- https://www.nro.net/joint-rir-stability-fund



## **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/

2018 IANA Numbering Services Review Committee Report Published on March 2018

 https://www.nro.net/2018-iana-numberingservices-review-committee-report-published/



## **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)



## **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
- https://www.nro.net/about-the-nro/asoprocedures-for-empowered-community-powers/ procedures-for-empowered-community-powers/

## **ASO Review**

## ASO MoU...

 "the NRO shall provide a periodic review of the ASO's effectiveness within ICANN"

1<sup>st</sup> 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

RIR community consultation for the implementation of the recommendations

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

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

 https://www.nro.net/input-by-the-nro-executive-council-onthe-public-consultation-to-determine-the-future-structure-ofthe-aso/

ASO Review 2017: Recommendation Implementation Status

 https://www.nro.net/accountability/aso-and-icannaccountability/independent-aso-reviews/aso-review-2017/



## **Technical Projects**

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 ASO Website Revamp
  - New Website to be launch on Q4 2019



# **Thank You**