

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 29** 

Tunisia

**30 November 2018** 

## 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
- New extended stats project to be released in 2018 Q4
- http://www.nro.net/statistics

**Comparative Policy Overview** 

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

Address Supporting Organization

• <u>http://aso.icann.org</u>



### Finances

#### **Budget allocations**

- AFRINIC 7.22%
- APNIC 23.50%
- ARIN 29.34%
- LACNIC 10.42%
- RIPE NCC29.53%

#### Expenses

- General operations: USD \$643,000
- Secretariat, communications, travel, meetings
- IGF Contributions \$200,000
- Contribution to ICANN: USD \$823,000 (\$650,000 for IANA)

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-rev</u> <u>iew-committee/</u>

2017 IANA Numbering Services Review Committee Report Published

<u>https://www.nro.net/2017-iana-numbering-service</u>
 <u>s-review-committee-report-published/</u>



## **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)
- 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-procedur</u>
  <u>es-for-empowered-community-powers/</u>

## **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
  - <u>https://www.nro.net/about-the-nro/aso-indepen</u> <u>dent-review-2017/</u>
- Final report published 8 August 2017
  - <u>https://www.nro.net/aso-review-2017</u>



## **ASO Review**

NRO EC and ASO AC Joint Response to the 2017 Independent ASO Review Recommendations

• <u>https://www.nro.net/nro-ec-and-aso-ac-joint-response-to-t</u> <u>he-2017-independent-aso-review-recommendations/</u>

RIR community consultation for the implementation of the recommendations

 <u>https://www.nro.net/about-the-nro/aso-independent-review-2</u> 017/

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-the</u> <u>-public-consultation-to-determine-the-future-structure-of-the</u> <u>-aso/</u>



**RPKI** "all resources" Trust Anchor

- <u>https://www.nro.net/regional-internet-registries-are-preparing-to-deploy-all-resources-rpki-servic</u>
  <u>e/</u>
- **Emergency Backup Operations Project**

Identifier Technology Health Indicators (ITHI) Consultation:

• <u>https://www.nro.net/ithi-consultation</u>

NRO Website Revamp.

• New Website launched on October 2018



# **Thank You**