NRO EC 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

RIPE 73, 28 October 2016
Madrid
What is the NRO?

**Number Resource Organization**
- NRO MoU, 24 Oct 2003
- Lightweight, unincorporated association

**Mission**
- Provide and promote a coordinated Internet number registry system
- Promote the multi-stakeholder model and bottom-up policy development process
- Coordinate and support joint RIR activities
- Act as a focal point for input into the RIR system
- Fulfill the role of the ICANN Address Supporting Organisation (ASO)
NRO in 2016

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

• Secretariat
  – Hosted by ARIN (thanks!)
  – Executive Secretary: German Valdez

• Coordination Groups
  – CCG (Communications), ECG (Engineering), RSCG (Registration Services)
NRO Finances

• **Expenses**
  – Staff (Executive Secretary)
  – Travel (ASO AC Chair and Executive Sec)
  – Communications, coordination, outreach
  – IGF Contribution
  – ICANN Contribution: currently $823,000 p.a.

• **Budget**
  – Shared proportionally based on registration services revenue

• **Joint RIR Stability Fund**
  – To ensure reliable operation of the RIR system
  – Pledges of over 2.1 million USD
NRO Publications

- **Internet Number Status Report**
  - Global stats on IPv4, IPv6, ASN
  - Updated quarterly
  - [https://www.nro.net/statistics](https://www.nro.net/statistics)

- **Comparative Policy Overview**
  - Global reference for all RIR policies
  - 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)
RIR Accountability

- **RIR Governance Matrix**
  - Global reference for RIR Governance
    - Bylaws, PDP, Dispute Resolution, Information management, Budget, Activity planning...
  - Evolving to improve transparency of RIR Governance
  - [https://www.nro.net/governance-matrix](https://www.nro.net/governance-matrix)

- **RIR Accountability Q&A**
  - [https://www.nro.net/rir-accountability](https://www.nro.net/rir-accountability)
  - Independent review currently in process in all RIRs
IANA Transition

- Montevideo Statement
  - October 2013
- NTIA Announcement
  - March 2014
- IANA Coordination Group
  - June 2014
  - CRISP
- IANA Transition plan
  - March 2016
  - Followed by ICANN/NTIA/USG Reviews
- IANA Contract Expiry
  - 1 October 2016

https://www.nro.net/iana-oversight
After the Transition...

- ICANN provides IANA Services
  - For the foreseeable future
- Service Level Agreement (SLA)
  - For provision of IANA Services by ICANN to the RIRs
- IANA IPR
  - Transferred to IETF Trust
- ICANN Accountability
  - Continuing improvements (WS2)
Service Level Agreement

- **Contract between RIRs and ICANN**
  - For provision of IANA services
  - In full compliance with CRISP proposal
  - Final version signed during ICANN 56 in Helsinki and since October 1st 2016 in effect
  - [http://www.nro.net/sla](http://www.nro.net/sla)

- **Review Committee**
  - For oversight of performance under SLA
  - 15 members, 3 per RIR
  - [https://www.nro.net/news/iana-numbering-services-review-committee-committee-composition](https://www.nro.net/news/iana-numbering-services-review-committee-committee-composition)
IANA IPR

- **Intellectual Property Rights**
  - E.g. trademarks and domain names.
  - IETF Trust now hold the IANA IPR

- **Three agreements**
  - Assignment of IPR to IETF Trust
  - License of IPRs to ICANN
  - Community Agreement (RIRs as signatories)

- **Community Coordination Group (CCG)**
  - Provides guidance and advice to the IETF Trust regarding the stewardship of the IANA IPR
  - Nine members, three appointed by each of the Operational Communities
  - NRO EC officeholder will serve (chair, secretary, treasurer)
ICANN Accountability

• CCWG on ICANN Accountability
  – RIR staff and Community members
    • Izumi Okutani (APNIC Region)
    • Athina Fragkouli (RIPE NCC staff)
    • Fiona Asonga (AFRINIC Region)
    • Jorge Villa (LACNIC Region)
    • Michael Abajuela (ARIN staff)

• Work Stream 2
  – Considering ICANN accountability improvements to be implemented after IANA Transition
  – E.g. Diversity, Human Rights, Jurisdiction, SO/AC Accountability, Staff Accountability etc.
Thanks

• **CRISP team members**
  – 15 RIR representatives
  – Nurani Nimpuno (RIPE, Co Chair)
  – Andrei Robachevsky
  – Paul Rendek

• **CCWG members**
  – 5 RIR representatives
  – Athina Fragcouli (RIPE NCC)

• **RIR Legal team**
  – 5 RIR members
  – Athina Fragcouli, again

• All of the RIR Communities
Thanks

http://www.nro.net