



NRO report

John Curran
Secretary
Number Resource Organization

2001:610:240:0 193.0.0.202 62:109:128 195:048:02:03 178.12.02:02 2001:610:240 193.0.0.203 195:048:02:03
62:109:128 195:048:02:03 178.12.02:02 2001:610:240 193.0.0.203 195:048:02:03
193.0.0.203 2001:610:240:0 193.0.0.202 62:109:128 195:048:02:03 178.12.02:02 2001:610:240 193.0.0.203
2001:610:240:0 193.0.0.202 62:109:128 195:048:02:03 178.12.02:02 2001:610:240 193.0.0.203
Number Resource Organization

What is the NRO?

- Number Resource Organisation
 - Vehicle for RIR cooperation and representation
- Formed for the purposes of:
 - protecting the unallocated Number Resource pool
 - promoting and protecting the bottom-up policy development process
 - acting as a focal point for Internet community input into the RIR system
- Fulfills the role, responsibilities and functions of the ASO within ICANN framework
 - By ICANN/ASO MoU signed on 21 October 2004

- Current office holders
 - Chairman: Raúl Echeberría, LACNIC
 - Secretary: John Curran, ARIN
 - Treasurer: Paul Wilson, APNIC
- NRO Coordination Groups
 - Engineering Coordination Group (ECG)
 - Communications Coordination Group (CCG)
 - Public Affairs Coordination Group (PACG)
 - Registration Services Managers (RSM)



ASO Address Council

- Comprised of 15 elected and appointed individuals from all 5 regions
- Independent body separate from RIR management and board to:
 - Oversee global number resource policy work
 - Appoint 2 Directors to the ICANN Board
 - Serve on various ICANN bodies as needed: (e.g. ICANN Nominating Committee, Affirmation of Commitment Review Teams)
 - Advise ICANN Board on number resource matters



ASO Address Council

AfriNIC	Fiona Asonga Alan Barrett – (VICE CHAIR) *Jean Robert Hountomey
APNIC	Naresh Ajwani - (VICE CHAIR) *Tomohiro Fujisaki Andy Linton
ARIN	*Louis Lee – (CHAIR) Jason Schiller Ron da Silva
LACNIC	Sebastián Bellagamba *Hartmut Glaser Francisco Obispo
RIPE NCC	Hans Petter Holen Dave Wilson *Wilfried Woeber

(*) – Present onsite at ICANN 42 Dakar

- NRO expenses distribution 2010
 - Weighted formula based on revenue and total number resources held in the region:

AfriNIC	3.50 %
APNIC	32.40 %
ARIN	24.70 %
LACNIC	4.70 %
RIPE NCC	34.60 %

- NRO contribution to ICANN
 - We have renewed our agreement
 - The NRO remains committed to a yearly contribution of \$823,000.



NRO & ICANN – 2010/2011

- ICANN 39
 - Cartagena de Indias, Columbia, 5-10 December 2010
 - ASO AC Update to Community, ICANN Board and Government Advisory Committee (GAC)
- ICANN 40
 - San Francisco, USA, 13-18 March 2011
 - ASO AC Update to Community
 - ASO AC meeting



NRO & ICANN – 2010/2011

- ICANN 41
 - Singapore, 19-24 June 2011
 - ASO AC Workshop on IPv6 Addressing Activities
 - ASO AC/NRO EC update to ICANN Board
- ICANN 42
 - Dakar, Senegal, 23-28 October 2011
 - ASO AC Workshop on IPv6 Addressing Activities
 - ASO AC/NRO EC meeting with ICANN Board
 - ASO update presentations to SSAC, GNSO, ccNSO



Internet Governance Forum

- NRO has actively participated in all the previous IGF events
- NRO is represented in the Multistakeholder Advisory Group (MAG) - Raúl Echeberría and Cathy Handley
- NRO is represented in the Commission on Science and Technology for Development (CSTD) Working Group - Sam Dickinson and Oscar Robles.
- IGF 2011, Nairobi, Kenya, 27-30 September
 - Meeting with UN Assistant Secretary General Thomas Stelzer
 - NRO Booth run by RIR staff
 - Workshop Coordination & Participation
 - Financial contribution to the IGF Host
 - Active participation in all discussions about IPv6, IGF improvements and institutional arrangements.
 - Meeting with Brazilian government representative about IBSA proposal.

International cooperation

- ITU

- Letter to the ITU-T and ITU-D inviting them to hold talks consistent with the outcomes of the Plenipot 2010 with regard to ITU interaction with other stakeholders. Meeting has not been possible yet.
- No IPv6 working group meeting this year.

- OECD

- The NRO is a founding member of the Internet Technical Advisory Committee (ITAC), continues its participation advising on issues of critical Internet resources in forums including the Working Party on Communications Infrastructure and Service Policy (CISP)



Ongoing activities in 2011

- Engineering Coordination
 - Focus on Resource Certification (RPKI) implementation coordination
- NRO workshop in 3-8 February, Miami, Florida
 - Hosted by ARIN
 - Concurrent with ICANN/IANA distribution of last 5 /8s
 - Met with ICANN, ISOC, IAB & IETF (I*) Executives
- NRO EC retreat, 16-17 August, Montevideo
 - Hosted by LACNIC
- Possible I* meeting in November



NRO Retreat Topics

- Agreement to establish an NRO Public Affairs Coordination Group
- Review & Discussion of RPKI plans
 - Technical coordination
 - Review of regional discussions / concerns
- Ongoing ASO Review Initiative
- Legacy Space
 - Interregional coordination

Recent Communications

- 2011 Correspondence
 - Letter to ICANN about IANA contract
 - Letter to ICANN inviting them to hold talks about the implementation of a RPKI single trust anchor
 - Comments to the US DoC NoI on IANA contract.
 - No expansion of IANA functions
 - Support ICANN as the performer of IANA functions
 - Support keeping the IANA functions together
 - Suggest less formal agreement
 - Letter to ITU about NRO/ITU relationship.
 - Letter to ICANN proposing a meeting to evaluate the progresses made in technical discussions about RPKI GTA and to discuss future steps.
- All statements and correspondence with other organizations are available on the NRO website.



Thank You

<http://www.nro.net>

2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203 195.048.02.03
62.109.128 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203
193.0.0.203 2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203
2001:610:240:0 193.0.0.202 62.109.128 195.048.02.03 178.12.02.02 2001:610:240 193.0.0.203
Number Resource Organization