



Number Resource Organization



# NRO Update

Axel Pawlik  
Secretary, NRO

Number Resource Organization



# What is the NRO?

- Number Resource Organisation
  - “Coalition” of all RIRs
- For carriage of joint RIR activities
  - Technical coordination and services
    - DNS, ERX, whois, 6to4, IPv6 unique local ...
  - Global policy coordination
  - RIR point of contact and representation
  - Negotiation/liaison with other bodies
    - ICANN, IETF, UN/ITU/WSIS etc
- Independent of ICANN
  - Able to operate with or without ICANN



# What is the NRO?

- NRO MoU signed October 2003
  - By action of the RIR boards
  - Following substantial consultation
    - RIR boards statements
    - NRO proposal
    - Final comment period
- Intent to form new ASO with ICANN
  - Continuing negotiations underway during entire ICANN reform process
  - Nearing completion



# What is the NRO?

- NRO Components
  - Executive Council
    - RIR CEOs
  - Engineering Coordination Group
    - RIR CTOs
  - Communications Coordination Group
    - RIR communications managers/directors
  - Numbers Council
    - next slide



# NRO Numbers Council

- Global Policy Coordination
  - Receives global policy proposals
  - Monitors RIR policy processes
  - Endorses policy outcomes
  - ... All according to defined processes
- 12 Members (15 with AfriNIC)
  - 2 members elected by each RIR policy meeting
  - 1 member appointed directly by each RIR
- Not currently active
  - NC and PDP suspended while ASO exists
  - But serve as “placeholders” for future use...



# NRO Status

- EC appointed (RIR CEOs)
  - Officeholder positions
    - Paul Wilson (Chair)
    - Axel Pawlik (Secretary)
    - Raul Echeberría (Treasurer)
  - Active, with regular meetings
- ECG and CCG formed
  - Regular meetings underway
- Secretariat established at RIPE NCC
  - Email [nro@nro.net](mailto:nro@nro.net)
  - Web <http://www.nro.net>



# NRO Status

- Draft ASO MoU released
  - RIRs announced comment period
  - Comments to <nro-comment@nro.net>
- “Letter of Intent” signed with ICANN
  - States intention to sign ASO MoU
  - Subject to ICANN/RIR comment period
- New logo, website etc
- Release by RIRs of funds to ICANN
  - Total of 50% of fees “owing”
  - Balance to be paid on establishment of ASU MoU

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# Number Resource Organization

Formed by the [Regional Internet Registries](#) to formalize their cooperative efforts, the NRO exists to protect the unallocated Number Resource pool, to promote and protect the bottom up policy development process, and to act as a focal point for Internet community input into the RIR system.

## News

- [Call for Comments on Proposed MoU Between ICANN and the NRO](#)  
[02 April 2004]
- [Letter of Intent by ICANN and the NRO](#)  
[01 April 2004]
- [NRO Comments Concerning ICANN and the World Summit of the Information Society](#)  
[24 March 2004]
- [Open Letter to the UN Secretary-General](#) (pdf)  
[23 March 2004]
- [Start-Up Financing of the Emerging AfrINIC During the Year 2004](#)  
[15 March 2004]
- [More news](#)

## About the NRO

- [Memorandum of Understanding](#)
- [MoU FAQ](#)
- [Subscribe to Mailing List](#)
- [Mailing List Archive](#)

## NRO EC Meetings

- [Meeting Minutes](#)

## Presentations

- [Presentations Index](#)





# ASO Status

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# What is the ASO?

- Address Supporting Organisation
  - Originally formed in 1999
- To be reformed under “ICANN reform”
  - Structural changes required by ICANN Bylaws
  - Appoints 2 members to ICANN Board
  - Appoints 1 member to ICANN Nomcom
  - Liaison appointments
- RIR concerns
  - Effectiveness of ASO Mk I
  - Security/stability of ICANN



# ASO – Proposed MoU

- NRO acts as ASO
  - Under MoU between NRO and ICANN
  - Provides policy coordination structure
  - NRO Number Council acts as ASO Address Council
- Revised PDP
  - 15 step (max) process
  - Appendix to the ASO MoU

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# ASO – Proposed MoU

- Address Council
  - Defined role in ASO PDP
  - Advice on recognition of new RIRs
  - Appointments to ICANN Board and other bodies
  - Mutual liaison with GAC, ALAC, etc
- Additional features
  - Appeals panel
  - Arbitration





# NRO Update

Questions or comments?

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