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 …
  –RIR point of contact and representation
  –Global policy coordination
  –Negotiation and Liaison with other bodies
    • ICANN, IETF, UN/ITU/WSIS etc

• Independent of ICANN
  –Able to operate with or without ICANN
  –But intended to support and work with ICANN
What is the NRO?

- Established by Memorandum of Understanding (MoU) among 4 RIRs
  - Signed 24 October 2003
  - Following substantial consultation by RIRs
    - RIR boards statements
    - NRO proposal
    - Final comment period

- NRO Incorporation
  - Likely in future
NRO structure

- **NRO**
  - **EC**
    - 1 member from each RIR
  - **NC**
    - 3 members from each region (2 + 1)

- **RIRs**:
  - APNIC
  - ARIN
  - RIPE NCC
  - LACNIC
  - AfriNIC
ASO MoU

ICANN

ASO

NRO

EC

AC

APNIC

ARIN

RIPE NCC

LACNIC

AfriNIC

Number Resource Organization
Update from the NRO

• At long last…
  ASO MoU signed

• ASO transition phase
  – Nominating RIR appointed NRO Number Council members
  – Number Council to act as ASO Address Council

• Next Steps:
  – IANA Service Contract
  – Liaison with GAC, other bodies
WSIS / WGIG

• Participation in as many related events as humanly possible
  – Three next week: Damascus, Geneva, Dubai
• Raul Echeberria (LACNIC) on WGIG
• also Ayesha Hassan (ICC / CCBI)
• NRO formally supporting WGIG with financial contribution of USD 50k.
The ITU paper

- Personal contribution by Zhao
- Section 4.2.b
  - IPv4 address allocation doesn’t work fairly (or so people say)
  - We’ll fix IPv6 allocation by splitting the space and giving it to the governments
  - We know it might cause problems
  - We’ll think about that later
The NRO response

• Only to addressing issues
• http://www.nro.net/documents/nro17.html
• Main points
  – IPv4 allocation works, thanks to the RIRs
    • Demonstrated need, anywhere, fairly
  – Parallel structures destabilise the Internet
    • Routing, wastage, impracticability
  – Diversity in established structures
  – All can play
• Reply received from Zhao
Regional Activity

• Rallying support
• Speaking for “your friendly RIR”…
• “support clicks” by RIPE NCC members
• Address for support text
  – “Non-members: Please e-mail im-support@ripe.net. An e-mail archive of expressions of support will be available at: http://www.ripe.net/maillists/ncc-archives/im-support/”
• Actively calling key members
  – Focusing on ITU sector members