



# Current Policy Topics

## A Worldwide Look



# New on Board

Ana Matic





# Overview

- RIPE Policy Update
- Worldwide Look by Topic
  - IPv4
  - IPv4 (depletion)
  - IPv6
  - ASN



# RIPE Policy Update - Archived

- Withdrawn
  - IPv4 Countdown Policy (2007-03)
  - Global Policy for the Allocation of the Remaining IPv4 Address Space (2007-06)
  - End Policy for IANA IPv4 Allocations to RIRs (2007-07)
- Accepted
  - Proposal to Amend the IPv6 Assignment and Utilisation Requirement Policy (2005-08)



# RIPE Policy Update - Ongoing

- Discussion Phase
  - Provider Independent (PI) IPv6 Assignments for End User Organisations (2006-01)
  - IPv6 ULA-Central (2007-05)
  - Cooperative Distribution of the End of the IPv4 free pool (2007-09)
  - Using the Resource Public Key Infrastructure to Construct Validated IRR Data (2008-04)



# RIPE Policy Update - Ongoing

- Review Phase
  - PI Assignment Size (2006-05)
  - Enabling Methods for Reallocation of IPv4 Resources (2007-08)
  - Assigning IPv6 PI to Every Inetnum Holder (2008-01)
  - Assigning IPv6 PA to Every LIR (2008-02)
  - Global Policy for the Allocation of the Remaining IPv4 Address Space (2008-03)
- Concluding Phase
  - Direct Internet Resource Assignments to End Users from the RIPE NCC (2007-01)



# Worldwide Look by Topic





# Worldwide Look - IPv4

- IPv4 Minimum Allocation Size
  - APNIC accepted a /22
- Just proposed in ARIN
  - /22 for the Caribbean portion





# Worldwide Look - IPv4 Depletion (Global)

- Global Policy for the Allocation of the Remaining IPv4 Address Space
  - Distribute the last five /8s evenly among the RIRs (N=1)
    - Under discussion in AfriNIC and LACNIC
    - Further discussion in APNIC
    - Last call in ARIN
    - Under discussion in RIPE



# Worldwide Look - IPv4 Depletion

- Soft Landing
  - Discussed in ARIN and APNIC
  - Stricter regional policies for IPv4 allocation criteria
  - Now Abandoned and Withdrawn
  - New version expected in APNIC
    - More focus on documenting IPv6 plans
- IPv4 Transfers
  - Under Discussion in ARIN and APNIC
    - Revision is requested
  - Under Discussion in RIPE (Review)
  - More information in Address Policy Working Group on Thursday



# Worldwide Look - IPv6

- Alternative to “200” customers
  - Accepted in APNIC in February too
- Modify "end site" definition and allow end sites to receive IPv6 allocations
  - Abandoned in APNIC
  - Adopted in LACNIC and RIPE



# Worldwide Look - IPv6

- HD Ratio (0.94)
  - Adopted in all
- Amend IPv6 Assignment and Utilisation Requirements (/56s)
  - Adopted in APNIC, ARIN and in RIPE
  - Abandoned in LACNIC



# Worldwide Look - ASN

- IANA Policy for Allocation of ASN Blocks to RIRs
  - Accepted in all RIR regions
  - Awaiting ASO AC review and ICANN ratification



# Policy Proposal Archives

- **AfriNIC:**  
<http://www.afrinic.net/policy.htm>
- **ARIN:**  
[http://www.arin.net/policy/proposals/proposal\\_archive.html](http://www.arin.net/policy/proposals/proposal_archive.html)
- **APNIC:**  
<http://www.apnic.net/docs/policy/proposals/archive.html>
- **LACNIC:**  
<http://lacnic.net/en/politicas/propuesta-politicas.html>
- **RIPE:**  
<http://www.ripe.net/ripe/policies/proposals/>
- **RIR Comparative Policy Overview:**  
<http://www.ripe.net/info/resource-admin/rir-comp-matrix-rev.html>

# Questions?

