



Current Policy Topics A Worldwide View

Filiz Yilmaz
filiz@ripe.net



Overview

- RIPE Policy Update
- Worldwide look by topic



RIPE Documentation Update

- Policy Development Process
 - ripe-350
 - <http://www.ripe.net/ripe/policies/proposals/>
 - <http://www.ripe.net/ripe/policies/proposals/archive/>
- Will update IPv4 Policy document (ripe-324)
 - Due to consensus on “Remove Special African Policies From RIPE Policy Documents” (2005-05)



RIPE Documentation Update

- No “Smallest RIPE NCC Allocation / Assignment Sizes”
- But “Address Space Managed by the RIPE NCC”
 - currently ripe-363
- Textual improvements to forms and supporting notes

RIPE Policy Update

- Discussion Phase
 - IP Assignments for anycasting DNS (2005-02)
 - IPv6 Initial Allocation Criteria (2005-03)
 - IPv6 Address Allocation and Assignment Policy - definition for "End-Site" (2005-04)
 - Amend the IPv6 Assignment and Utilisation Requirement (2005-08)
 - IPv6 Blocks from IANA to RIRs (2005-09)
 - 4-Byte AS Numbers (2005-12)
- Review Phase
 - HD-ratio for IPv4 (2005-01)

Worldwide look - IPv4

- Use of HD ratio for IPv4 Allocations
 - Proposals in APNIC & RIPE
 - Abandoned in ARIN
- Address Space for Anycast Services
 - RIPE is discussing
 - Abandoned in ARIN
- Address Space for Multiple Discrete Networks
 - Adopted in ARIN
 - Similar proposal under discussion in LACNIC
- Global Addresses for Private Network Inter-Connectivity
 - Adopted in ARIN
- End User Allocations
 - Draft in AfriNIC

Worldwide look - IPv6

- HD ratio
 - APNIC consensus at APNIC20
 - ARIN awaiting Board Review
 - RIPE is discussing
- Amend IPv6 Assignments and Utilisation Requirements
 - APNIC endorsed by APNIC EC
 - ARIN, LACNIC and RIPE are discussing
- IPv6 Blocks from IANA to RIRs (Global Policy)
 - ARIN and APNIC and LACNIC adopted
 - RIPE and AfriNIC are discussing
- Provider Independent IPv6 Assignments for End-sites
 - under discussion in ARIN



Worldwide look – AS Numbers

- 4-Byte AS Numbers
 - All regions are discussing

Worldwide look - Reverse DNS

- Deprecation of ip6.int reverse DNS service
 - Adopted in APNIC and LACNIC
 - Presentation at RIPE 51 → DNS WG
- DNSSEC in reverse tree
 - Implemented in RIPE
- Lame Delegation
 - Adopted in ARIN and LACNIC

Policy Proposal Archives

- **AfriNIC:**

<http://www.afrinic.net/policy.htm>

- **ARIN:**

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/>

Questions?