



Current Policy Topics

A Worldwide Look



Overview

- RIPE Policy Update
- Worldwide Look by Topic
 - IPv4
 - IPv4 - Exhaustion
 - IPv6
 - ASN



RIPE Policy Update - Archived

- Withdrawn
 - Change in IP Assignments for Anycasting DNS Policy (2007-02)
 - IPv4 Countdown Policy (2007-03)
- Accepted
 - IPv6 Address Allocation and Assignment Policy (2006-02)
 - Documented in ripe-412
 - IANA Policy for Allocation of ASN Blocks to RIRs (2007-04)
 - Documented in ripe-416



RIPE Policy Update - Ongoing

- Discussion Phase
 - Provider Independent (PI) IPv6 Assignments for End User Organisations (2006-01)
 - Direct Internet Resource Assignments to End Users from the RIPE NCC (2007-01)
 - IPv6 ULA-Central (2007-05)
 - Global Policy for the Allocation of the Remaining IPv4 Address Space (2007-06)
 - End Policy for IANA IPv4 Allocations to RIRs (2007-07)
 - Enabling Methods for Reallocation of IPv4 Resources (2007-08)



RIPE Policy Update - Ongoing

- Review Phase
 - PI Assignment Size (2006-05)
- Concluding Phase
 - Proposal to Amend the IPv6 Assignment and Utilisation Requirement Policy (2005-08)



Worldwide Look by Topic





Worldwide Look - IPv4

- 12 Month Allocation Period
 - Adopted in AfriNIC, LACNIC and RIPE
 - Moved to Last Call in ARIN



Worldwide Look - IPv4 Exhaustion - Global

- End Policy for IANA IPv4 Allocations to RIRs
 - Distribute the last 5 /8s evenly among RIRs (N=1)
 - Abandoned in AfriNIC
 - Further discussion in APNIC and ARIN
 - Not proposed in LACNIC yet
 - Under discussion in RIPE
- Global Policy for the Allocation of the Remaining IPv4 Address Space
 - Distribute the last 10 /8s evenly among RIRs (N=2)
 - Consensus in AfriNIC and LACNIC
 - Abandoned in ARIN
 - No consensus in APNIC
 - Under discussion in RIPE



Worldwide Look - IPv4 Exhaustion

- Soft Landing
 - Only in ARIN (yet)
 - Proposer to work on edits
 - Stricter regional policies for IPv4 allocation criteria
- IPv4 Transfers
 - Further discussion in APNIC
 - Just proposed in RIPE



Worldwide Look - IPv6

- Modify "end site" definition and allow end sites to receive IPv6 allocations
 - Abandoned in APNIC
 - Board review in LACNIC
 - Adopted in RIPE
- Removal of plan to assign "200" customers or /48s
 - Withdrawn in APNIC
 - Adopted in LACNIC and RIPE



Worldwide Look - IPv6

- ULA Central
 - Under discussion in AfriNIC and RIPE
 - Withdrawn in APNIC
 - Abandoned in LACNIC
- HD Ratio (0.94)
 - Adopted in AfriNIC, APNIC, ARIN and LACNIC
 - Last Call in RIPE
- Amend IPv6 Assignment and Utilisation Requirements (/56s)
 - Adopted in APNIC and ARIN
 - Abandoned in LACNIC
 - Last Call in RIPE



Worldwide Look - ASN

- IANA Policy for Allocation of ASN Blocks to RIRs
 - Last Call in AfriNIC, APNIC and ARIN
 - Board Review in LACNIC
 - Accepted in RIPE



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/>
- **RIR Comparative Policy Overview:**
<http://www.ripe.net/info/resource-admin/rir-comp-matrix-rev.html>

Questions?

