



Current Policy Topics

with World Wide View



Overview

- RIPE Policy Update
- World Wide View
 - Use of Final Unallocated IPv4 Address Space
 - Running out Fairly
 - Legacy space
 - Transfers
 - IPv6
- Promotional slides



RIPE Policy Update - Accepted

- Allocating/Assigning Resources to the RIPE NCC (2009-02)
 - Accepted in July 2009
 - Documented in ripe-476
- Internet Assigned Numbers Authority (IANA) Policy for Allocation of ASN Blocks (ASNs) to Regional Internet Registries (2009-07)
 - Accepted in September 2009
 - Documented in ripe-480
 - APNIC reached consensus
 - AfriNIC, ARIN and LACNIC discussing



RIPE Policy Update - Accepted

- Removing Routing Requirements from the IPv6 Address Allocation Policy (2009-06)
 - Accepted in September 2009
 - Documented in ripe-481
- IPv6 Provider Independent (PI) Assignments for LIRs (2009-08)
 - Accepted in September 2009
 - Documented in ripe-481



RIPE Policy Update - Discussion

- Use of Final /8 (2008-06)
 - Min allocation for each LIR
 - A /16 reserved
- IPv4 Allocation and Assignments to Facilitate IPv6 Deployment (2009-04)
 - Min /27s for those deploying IPv6
 - Criteria following phases in RFC5211
- Latest Comments
 - Legal issues
 - Should there be a last /8 policy at all?
 - If so, should there also be a max size attached?
 - What happens if max size not enough?



RIPE Policy Update - Discussion

- Ensuring efficient use of historical IPv4 resources (2008-07)
 - 1st Allocation : Ask utilisation of legacy space
 - Further allocation: Apply 80% utilisation criteria to legacy blocks
 - Version 3.0 published in July 2009
- Latest comments
 - Apply to assignments too, not only to allocations

RIPE Policy Update - Discussion

- Initial Certification Policy for Provider Aggregatable Address Space Holders (2008-08)
- Global Policy for the allocation of IPv4 blocks to Regional Internet Registries (2009-01)
 - ARIN different version
 - AfriNIC, APNIC, LACNIC reached consensus on RIPE version
- Latest Comments
 - Versions are essentially different
 - MAY vs MUST
 - Can this still be “global”?



RIPE Policy Update - Review

- PI Assignment Size (2006-05)
- Run Out Fairly (2009-03)
 - Gradually reduce the allocation and assignment periods
 - Follow expected life time of the IPv4 unallocated pool
- Latest comments
 - Do we have enough time for it to be effective?
 - Suggested to reduce based on prefixes left, not fixed dates



World Wide View

- Use of Final Unallocated IPv4 Address Space
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- IPv6



Use of Final Unallocated IPv4 Address Space

- APNIC accepted “Use of final /8”
 - Same as RIPE (discussing)
- LACNIC accepted
 - Reserve a /12 out of their remaining pool.
 - Allocate /22s to new LIRs and assign /24s to critical infrastructure.
- ARIN accepted
 - Reserve a /10 from the last /8
 - Allocate/assign a /28 minimum or a /24 maximum
 - Based on IPv6 requirements

Running out Fairly

- ARIN discussing a “Equitable IPv4 Run-Out”
 - Gradual decrease in allocation period from 12 months
 - to 6 months when IANA pool reaches 20 /8s
 - to 3 months when IANA pool reaches 10 /8s
 - Introduce a maximum allocation size when last /8 is received
 - Maximum set to the next whole CIDR prefix less than or equal to one quarter (1/4) of the total ARIN free pool available
 - The minimum allocation size is kept

Legacy Space

- APNIC accepted “Ensuring efficient use of historical IPv4 resources”
 - Slightly more detailed than RIPE version
 - Definition of “Historical resources”
 - Further allocation criteria apply to historical records



Transfers

- Accepted in APNIC, ARIN and LACNIC too
- Generally evened out between regions
 - Requesting justification for need
 - Only applies “within region”

IPv6 - Single Aggregate a Must?

- ARIN discussing removal of the single aggregate requirement
- LACNIC reached consensus to remove the requirement
- APNIC discussed “Requiring aggregation for IPv6 subsequent allocations”
 - No Consensus reached

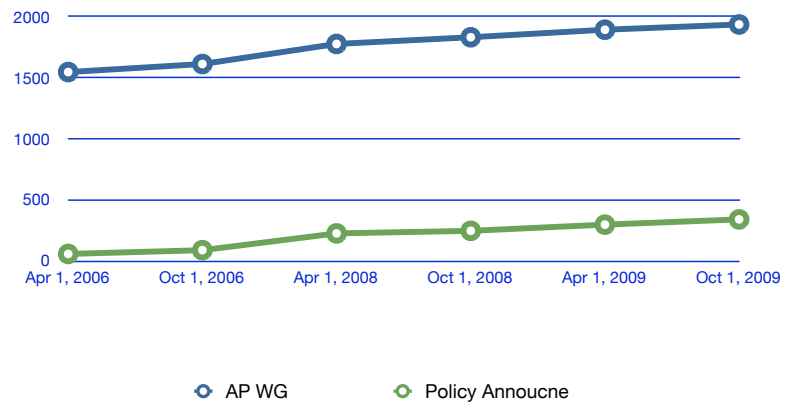


Policy Proposal Archives

- **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>

Promotional Slide

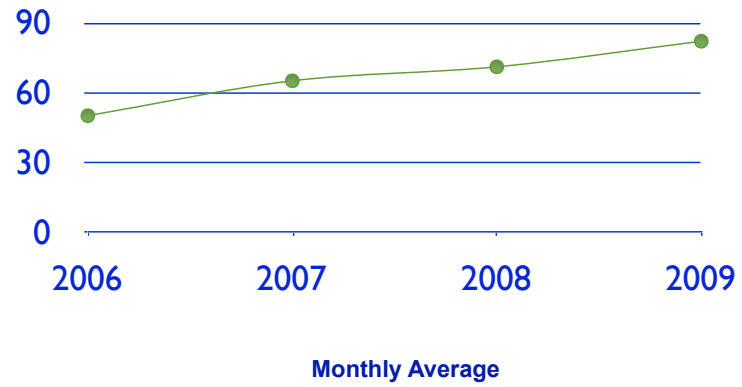
- List Subscriptions





More PR

- Address Policy WG Mailing List Posts



Questions?

