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
- Running out Fairly
- Legacy space
- Transfers
- 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:  
Promotional Slide

• List Subscriptions

![Graph showing list subscriptions over time with two lines representing AP WG and Policy Announcement]
More PR

- Address Policy WG Mailing List Posts

Monthly Average
Questions?