ARIN Update

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4-byte ASN Stats

• Since policy inception in 2007:
  – 448 requests for 4-byte ASNs
  – 69 4-byte ASNs issued
    • 42 exchanged for 2-byte ASNs
  – 27 4-byte ASNs issued as of today

• Typical reason for exchange:
  “Upstream said their router wouldn’t support 4-byte ASN”
Whois Traffic

Queries Per Second vs. Months
Whois-RWS

• Replaced existing Whois service on 19 July
• Major upgrade to directory service
• More efficient
• More uniform and consistent with existing documentation
• Pilot Available since Oct 2009 at http://whoisrws-demo.arin.net
• Mailing list at http://lists.arin.net/mailman/listinfo/arin-tech-discuss
Whois-RWS Features

• Legacy Port 43 support for existing Whois clients
• Also utilizes the web to address Whois Resources as addressable URLs using RESTful technology
  – Many others Amazon S3, Yahoo & Google services, .. ...
• Future features will use the REST interface
• More at https://www.arin.net/resources/whoisrws/
Specified Transfer Listing Service

• Deployed in ARIN Online – 30 August

• Implementation of Number Resource Policy Manual, section 8.3, "Transfers to Specified Recipients"

• Full details available at: https://www.arin.net/resources/transfer_listing/index.html
Public-Facing Development Efforts

• ARIN Online - https://www.arin.net/knowledge/roadmap.html
• New Templates - https://www.arin.net/features/template_changes.html
• DNSSEC
  – Signing zones now
  – Interfaces to allow you to insert DS records in rolled out Q4 of 2010 – UI preview available at: https://www.arin.net/features/delegation_management.html
• RPKI
  – Will be a production service at the end of 2010
• Learn about these and other upcoming features at: https://www.arin.net/features/
Outreach: IPv4/IPv6 Education

  • Featuring the Community Use IPv4/IPv6 Slide Deck

• IPv6 Wiki http://www.getipv6.info
Policy implementation

ARIN implemented three policies on 9 September:

1. Initial IPv6 Allocation Criteria – multi-homers can get /32s [2010-4]

2. Reduced IPv4 End-user minimum assignment to /24 (w/renumbering req.) [2010-2]

3. M&A Transfer policy – M&As made easier (unused space to be returned) [2010-6]
Adopted, pending implementation

The ARIN Board adopted one policy on 10 August. Implementation date to be announced soon for:

• Waiting List for Unmet IPv4 Requests [2010-1]
Current Draft Policies

To be discussed at ARIN XXVI

- Increasing the IPv4 reserve for facilitating IPv6 deployment (from /10 to /8) [2010-13]
- IPv6 /32 and larger allocations for provisioning 6rd [2010-9]
- IPv6 subsequent allocations for transition technologies [2010-12]
- IPv6 assignment criteria [2010-8]
Current Draft Policies

To be discussed at ARIN XXVI – cont.

• Global Policy for IPv4 Allocations by the IANA Post Exhaustion [2010-10]

• Standardize IP Reassignment Registration Requirements (residential markets policy) [2010-14]

• Required Resource Reviews [2010-11]
NRO NC Voting Changes for NANOG Meeting Attendees

• In the past NANOG attendees could only vote one day during the NRO NC Elections, the last day of the NANOG meeting.

• Starting with NANOG 50, attendees can cast their vote online throughout the entire period from 9/29-10/6/10. **Polls close at 5PM on October 6th.**

• To be able to vote in this election, you **must have registered for NANOG 50 by 9/21/10.**

• You still may cast only one vote in this election regardless of whether you registered for both NANOG 50 and ARIN XXVI and are also an eligible ARIN voting member.

• To learn more about the NRO NC visit: [https://www.arin.net/participate/elections/nronumbercouncil.html](https://www.arin.net/participate/elections/nronumbercouncil.html)
ARIN Meetings
(Puerto Rico and Philadelphia)
References

• Proposals and adopted policies
  – https://www.arin.net/policy/proposals/index.html

• Mailing Lists
  – https://www.arin.net/participate/mailing_lists/index.html
Thank you!
We hope you are staying for