



# ARIN Update

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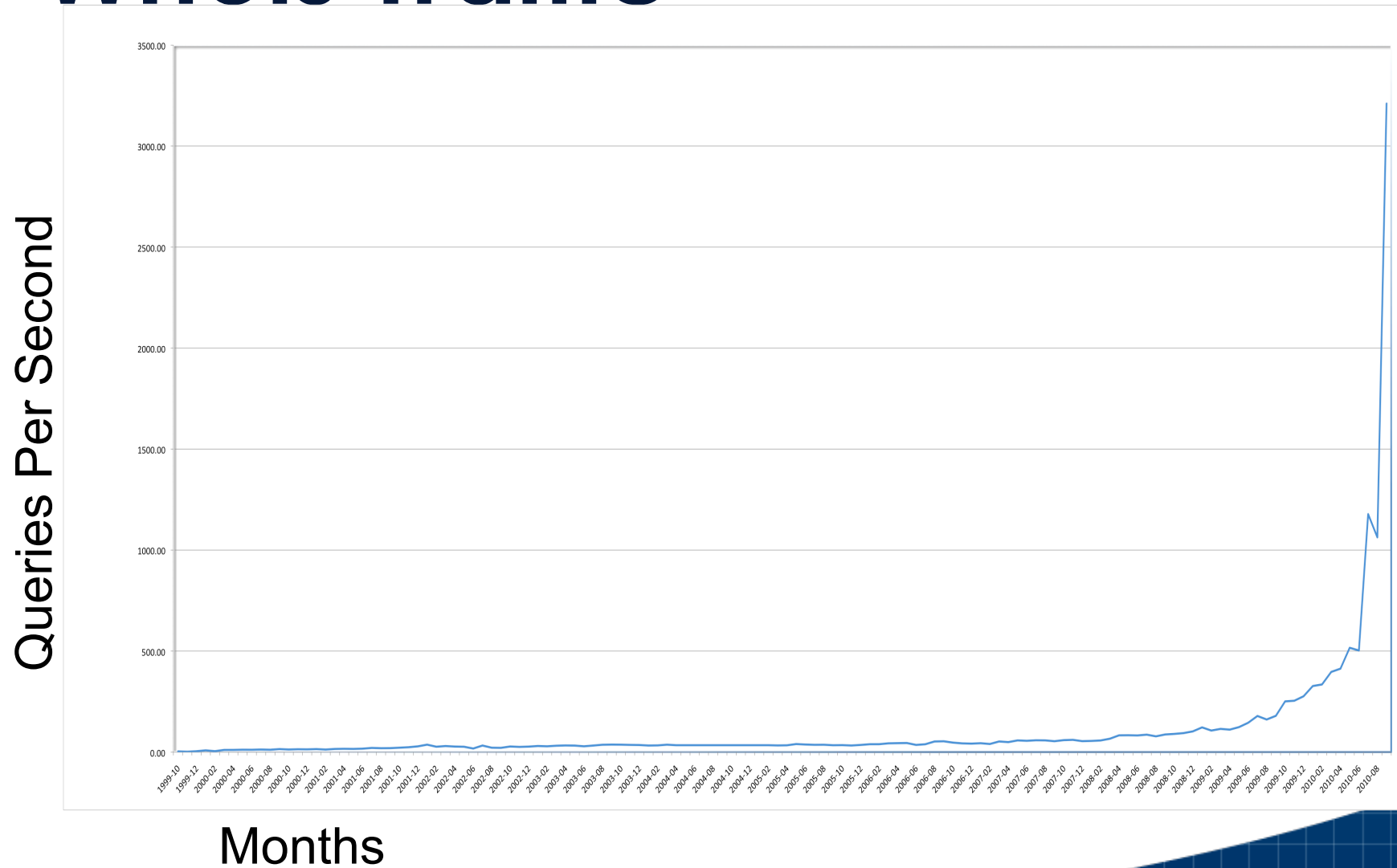
John Curran  
NANOG 50  
Atlanta, GA

# 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



# 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](https://www.arin.net/resources/transfer_listing/index.html)

# Public-Facing Development Efforts

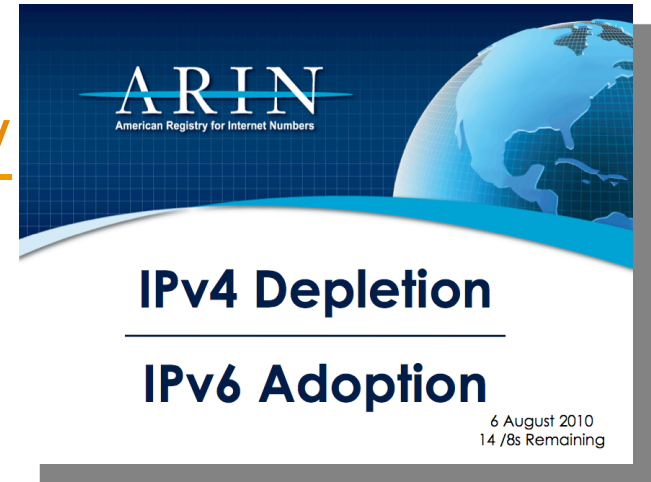
- **ARIN Online** - <https://www.arin.net/knowledge/roadmap.html>
- **New Templates** - [https://www.arin.net/features/template\\_changes.html](https://www.arin.net/features/template_changes.html)
- **DNSSEC**
  - Signing zones now
  - Interfaces to allow you to insert DS records in rolled out Q4 of 2010 – UI preview available at: [https://www.arin.net/features/delegation\\_management.html](https://www.arin.net/features/delegation_management.html)
- **RPKI**
  - Will be a production service at the end of 2010
  - Pilot available at <http://rpki-pilot.arin.net>
- **Learn about these and other upcoming features at:** <https://www.arin.net/features/>

# Outreach: IPv4/IPv6 Education

- IPv4/IPv6: The Bottom Line:

<https://www.arin.net/knowledge/v4-v6.html>

- 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 6<sup>th</sup>.**
- 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>

# 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](https://www.arin.net/participate/mailing_lists/index.html)

**Thank you!**  
**We hope you are staying for**

