Registration Services

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Current Focus

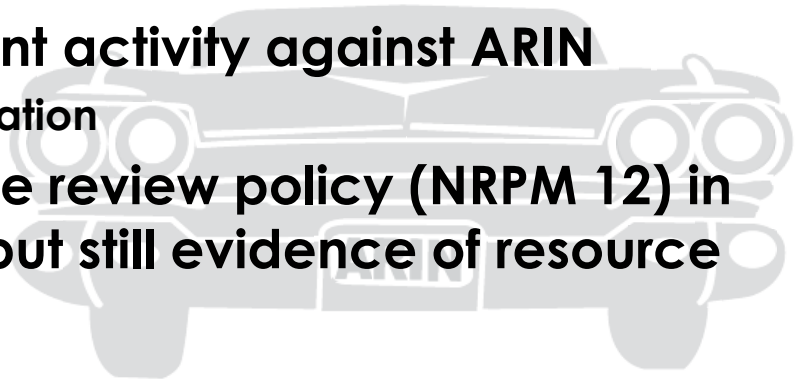
- ARIN On-line
  - Creating “user stories” and features for future releases
  - Now processing Q&A and POCs
- Legacy RSA
  - 30, 60, 90 day follow up
- Resource Revocations
- Fraud Activity and Reports
- And business as usual of course…

Fraud Reporting Process

- To report suspected Internet number resource fraud as it relates to ARIN's mission and scope
  - e.g. - Utilization reporting, hijacking, transfers, or similar activity directly involving fraudulent submissions to ARIN or fraudulent changes to data in ARIN's WHOIS
- Three part process
  - *Submission* via web form at:
    https://www.arin.net/public/fraud/index.xhtml
  - *Investigation* by staff, all information collected kept confidential
  - *Reporting* of research results published quarterly

Fraud Reporting Results

- Brief description of the fraud reports and findings published quarterly at: https://www.arin.net/resources/fraud/results/index.html
  - Reporter and resources in question remain anonymous
- Since March 2009, total of 43 reports submitted
  - 39 involved phishing, spam, identity theft, hacking, stalking, network abuse, etc.
  - 4 involved suspected fraudulent activity against ARIN
    - None resulted in resource reclamation
  - Have just begun using resource review policy (NRPM 12) in cases where there's no fraud but still evidence of resource misappropriation



Recovered Resources

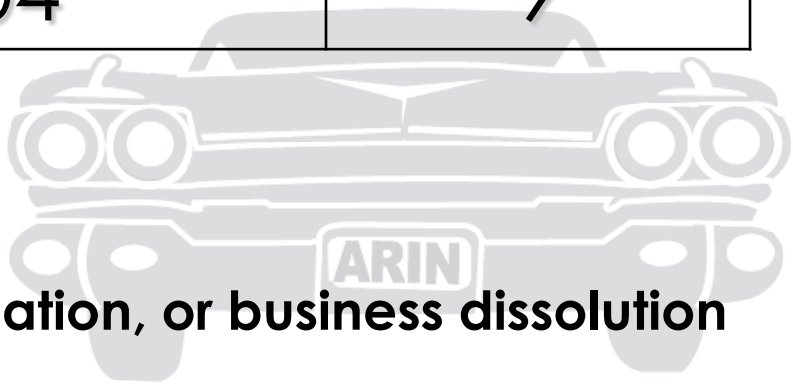
Jan 1, 2005 – Sept 30, 2009

	/16 equivalents	ASNs
*Returned	270	1,213
*Revoked	84.21	3,943
*Reclaimed	2.04	9

*Returned = Voluntarily by registrant

*Revoked = For non-payment

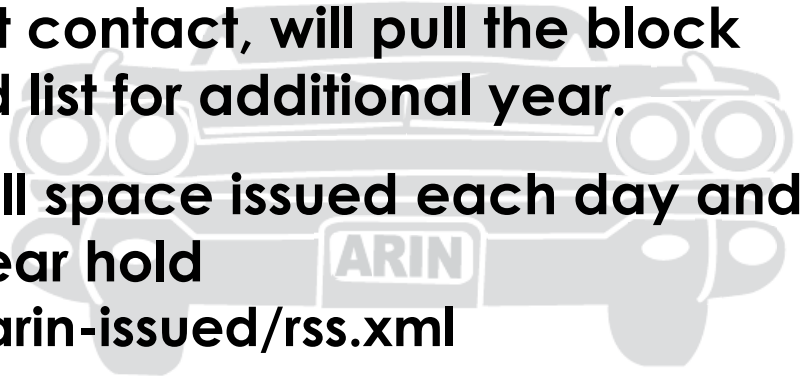
*Reclaimed = For fraud, misappropriation, or business dissolution



Issuing Recycled Address Space

Current Practice:

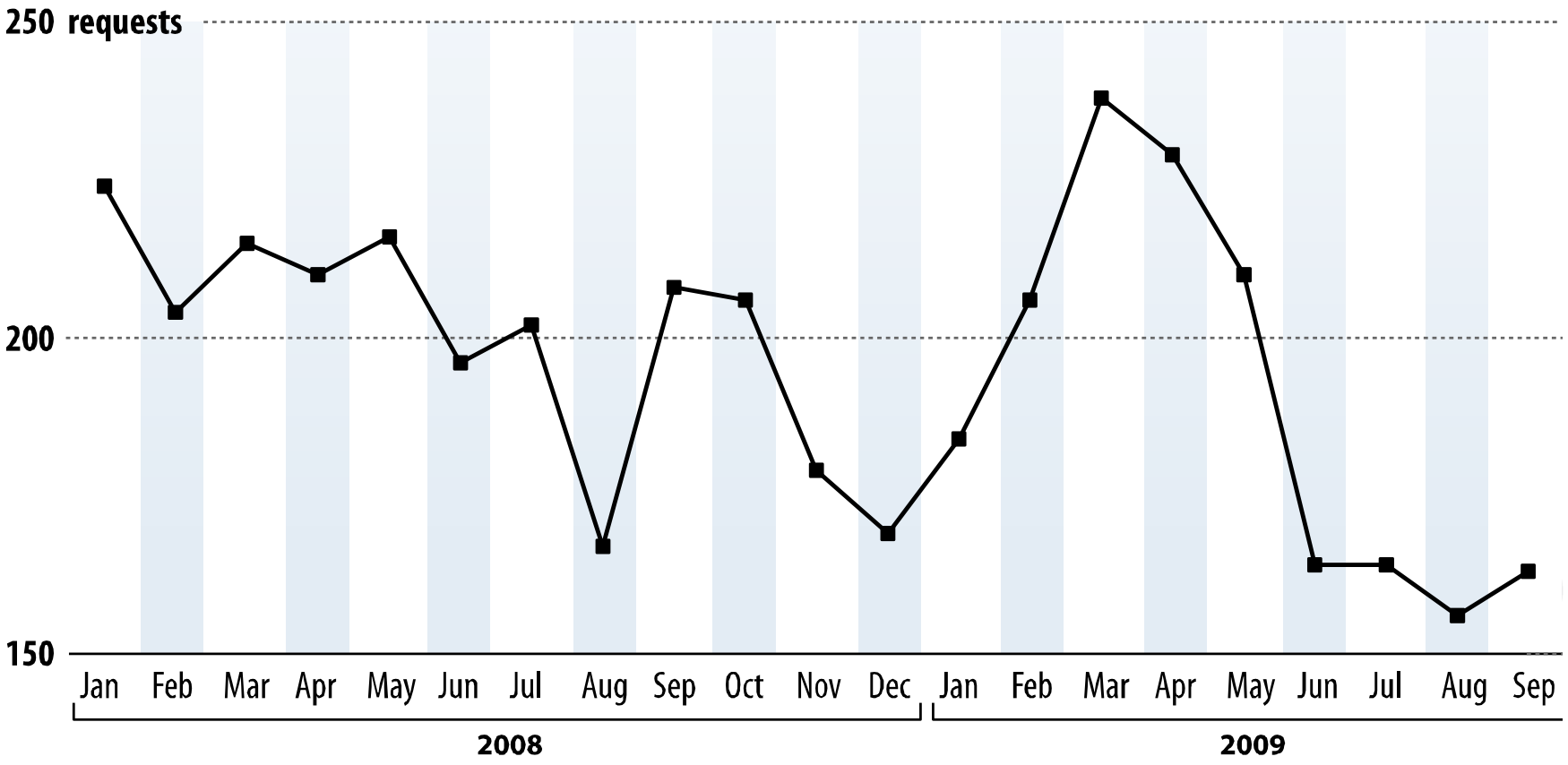
- All recovered address space held for at least 1 year prior to re-issuing
- Just prior to re-issue, check routing tables. If routed, contact org asking them to stop
- Check some known RBL operators to see if block is listed. If yes, contact the RBL operator (when possible). If listed by multiple operators who we can't contact, will pull the block and add back to bottom of hold list for additional year.
- Publish daily RSS feed that lists all space issued each day and all space released from the 1 year hold
  - http://lists.arin.net/pipermail/arin-issued/rss.xml



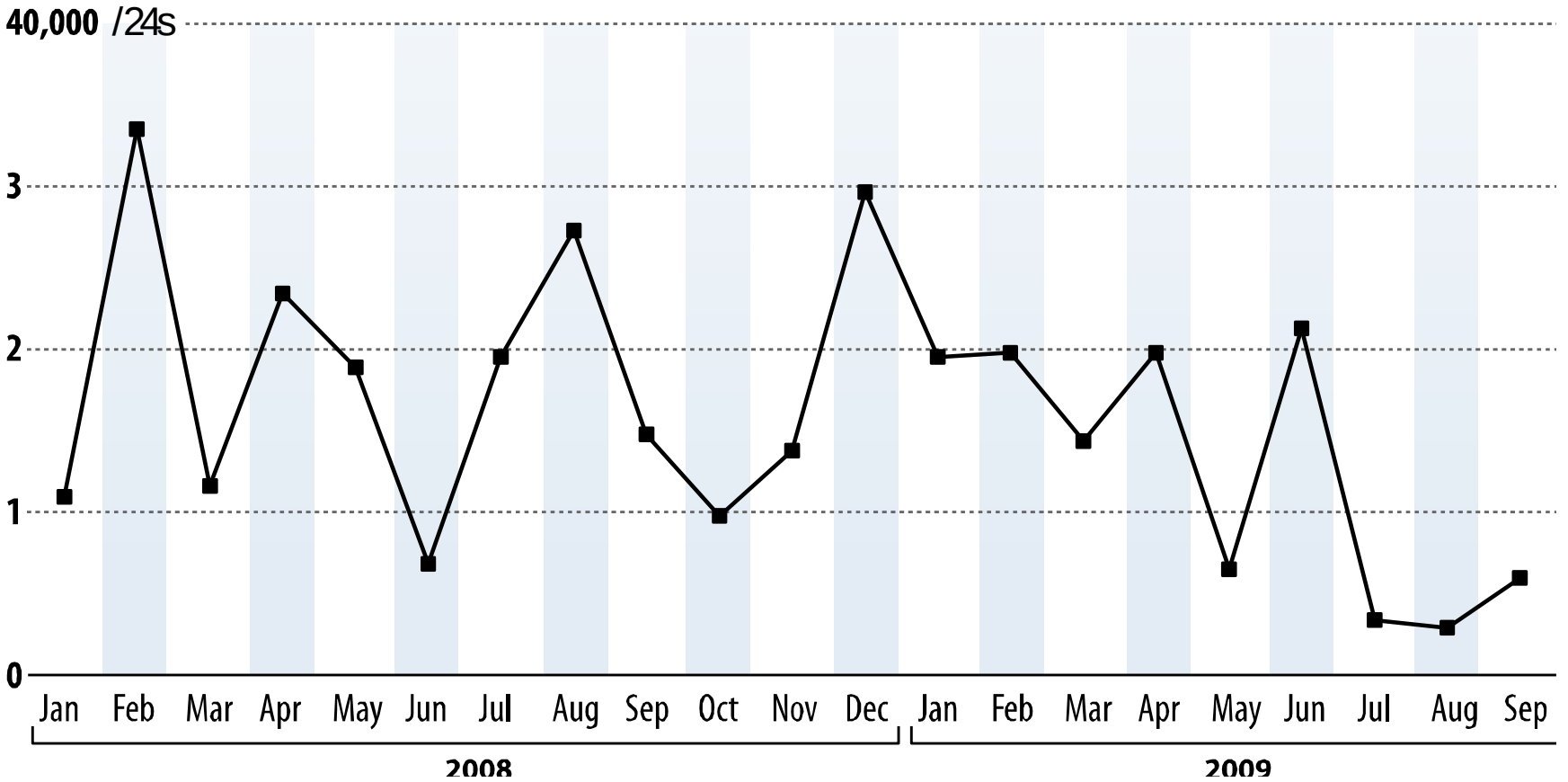
Is there an increased demand for IPv4 space?

For IPv6 space?

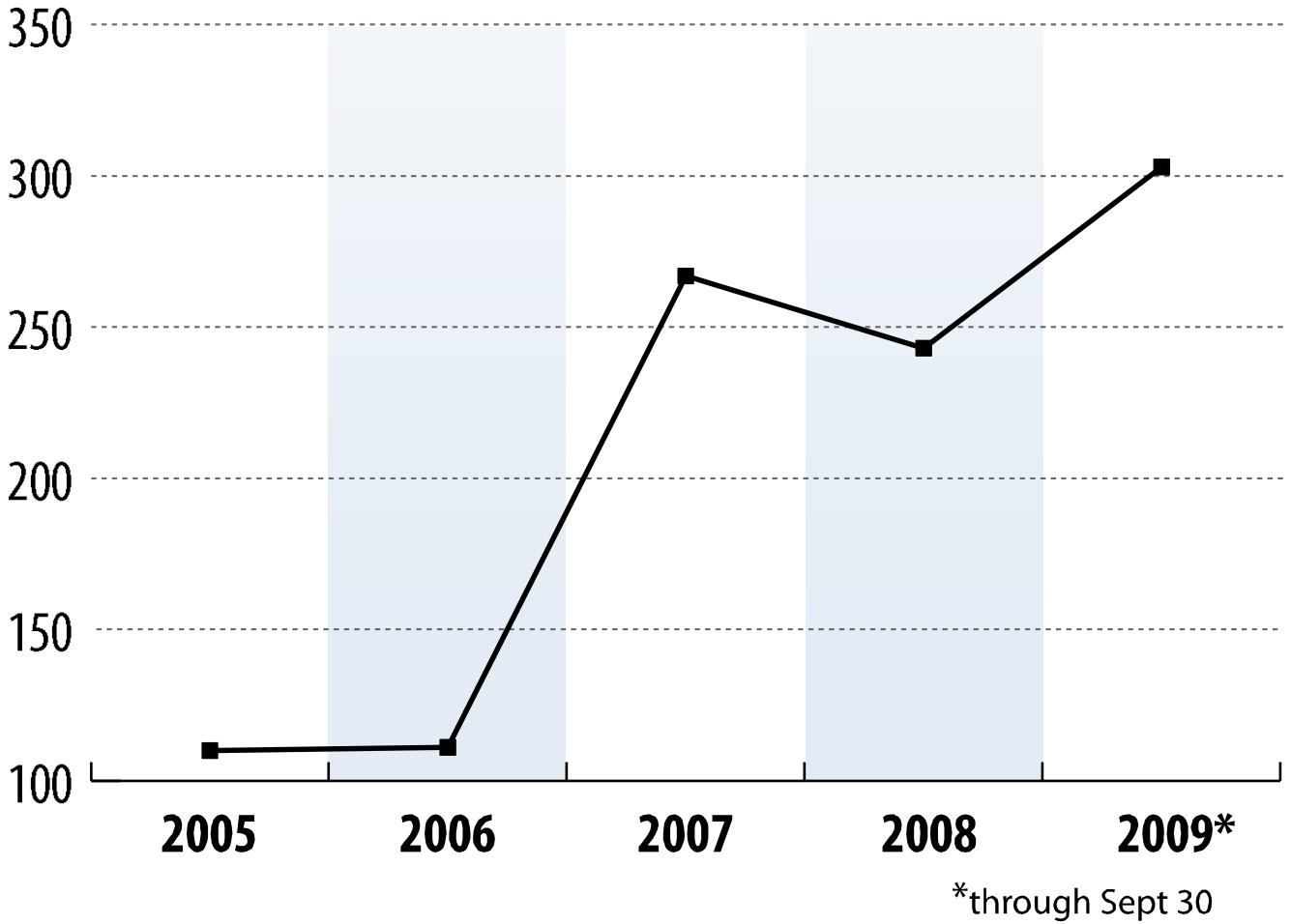
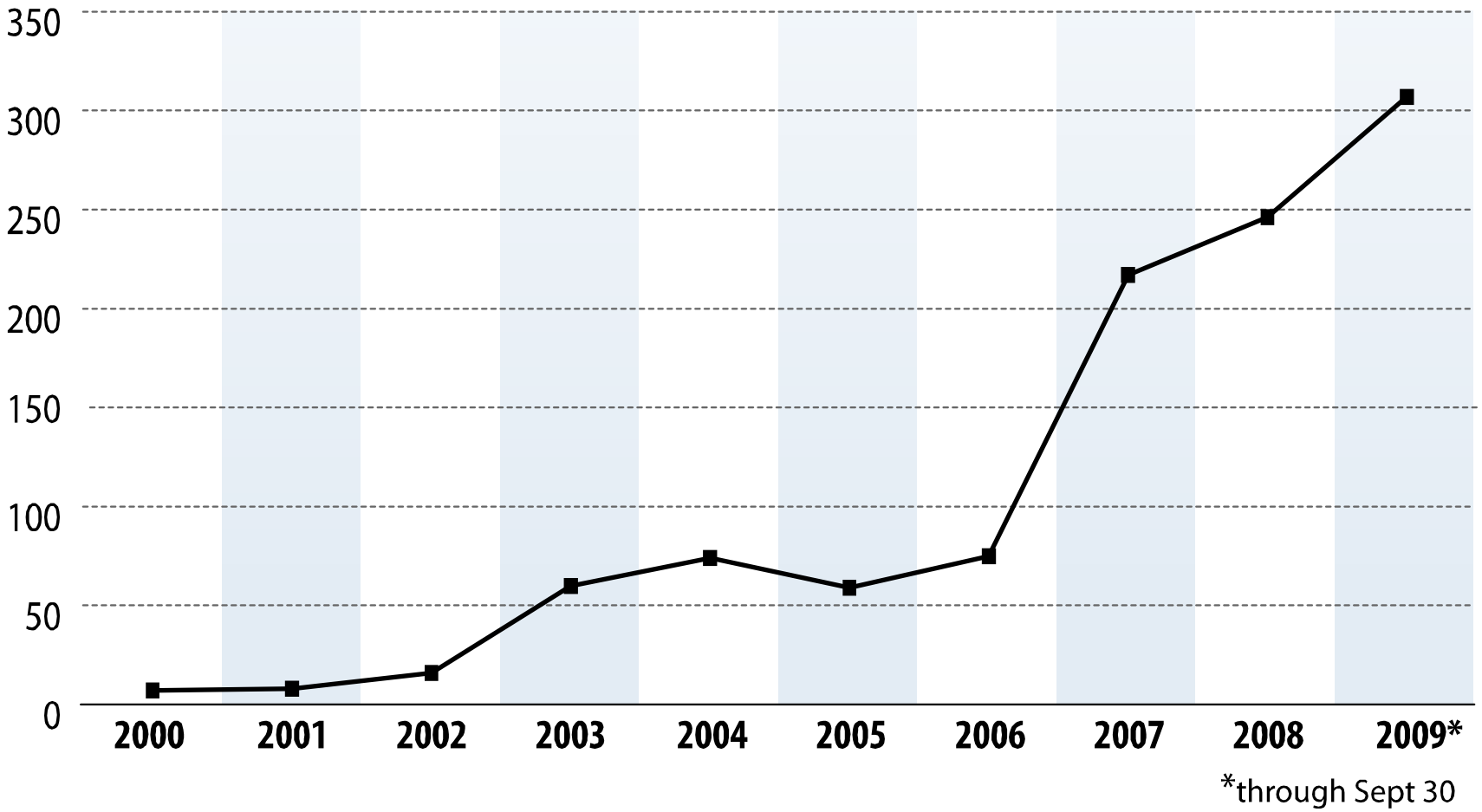
IPv4 Requests Received



IPv4 Addresses Issued (/24s)



IPv6 Requests Received



IPv6 Allocations Issued (/32s)