ARIN Update

NANOG 58

John Curran
ARIN, President and CEO
Current IPv4 Inventory

2.28 /8 equivalents in the pool of “available addresses”

~6 /16 equivalents in the “RRH” bucket
   (RRH = returned, revoked, held)

1 /10 reserved
   – For NRPM 4.10 “Dedicated IPv4 block to facilitate IPv6 Deployment”
ARIN 2013 Requests for IPv4 Address Space
(allocations/blue and assignments/gray)
IPv4 vs IPv6 Subscribers

- IPv4 Only: 2,458 (56%)
- IPv6 Only: 277 (6%)
- IPv4 and IPv6: 1,639 (37%)

Total Subscribers: 4,373
# IPv4 Inter-RIR Transfers (NRPM 8.4)

<table>
<thead>
<tr>
<th>Network</th>
<th>RIR</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>205.166.177.0/24</td>
<td>APNIC</td>
<td>October 2012</td>
</tr>
<tr>
<td>198.180.142.0/24</td>
<td>APNIC</td>
<td>December 2012</td>
</tr>
<tr>
<td>199.43.18.0/23</td>
<td>APNIC</td>
<td>December 2012</td>
</tr>
<tr>
<td>199.43.45.0/24</td>
<td>APNIC</td>
<td>December 2012</td>
</tr>
<tr>
<td>199.43.63.0/24</td>
<td>APNIC</td>
<td>December 2012</td>
</tr>
<tr>
<td>204.75.142.0/24</td>
<td>APNIC</td>
<td>December 2012</td>
</tr>
<tr>
<td>157.250.64.0/18</td>
<td>APNIC</td>
<td>January 2013</td>
</tr>
<tr>
<td>132.147.64.0/18</td>
<td>APNIC</td>
<td>January 2013</td>
</tr>
<tr>
<td>54.222.0.0/15</td>
<td>APNIC</td>
<td>April 2013</td>
</tr>
<tr>
<td>157.250.128.0/17</td>
<td>APNIC</td>
<td>April 2013</td>
</tr>
<tr>
<td>199.166.36.0/23</td>
<td>APNIC</td>
<td>April 2013</td>
</tr>
</tbody>
</table>

[<https://www.arin.net/knowledge/statistics/transfers.html>](https://www.arin.net/knowledge/statistics/transfers.html)
Public Facing Development Efforts

**Accomplishments**
- Hosted RPKI since Sep 2012
  - 15 Orgs as of 2/11/13
  - 41 ROA’s as of 2/11/13
  - 61 Relying Parties
- Web-based Delegated RPKI as of 2/16/2013
- Integrated Payments
- Extended Statistics Reports

**Upcoming Near-term Work**
- Automated Invoicing
- Up/Down work on Delegated RPKI
- Oracle to Postgres Conversion
Upcoming ARIN Policy Consultations

Today - 4:45 PM
ARIN-2013-1: Section 8.4 Inter-RIR Transfers of ASNs
• Allows inter-RIR transfer of ASNs

ARIN-2013-2: 3GPP Network IP Resource Policy
• Makes it easier for 3GPP networks to get more IPv4 space

ARIN-2013-4: RIR Principles
• Adds RFC 2050 principles to number resource policy manual

ARIN-2013-5: LIR/ISP and End-user Definitions
• Updates ISP and End-user definitions

Text available at: https://www.arin.net/policy/proposals/