Reclaiming unused IPv4

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Q14. Thinking about the scarcity of IPv4 addresses, which, if any, of the following IPv4 activities do you think APNIC should undertake?
(Members only; n=903; Total mentions: 2122)

- Reclaiming/recovering unused address space: 57%
- Monitoring and reporting usage: 54%
- Provide incentives for the return of address space: 52%
- Share information and best practice on resource transfers: 39%
- Purchase addresses for distribution: 25%
- Take no action: 5%
- Other: 3%
Unused IPv4 addresses

Definition: A /24 or more of a delegated prefix that is no longer needed by its registered holder

Approach

Find APNIC’s delegated unadvertised IPv4 addresses and ask the registered holders if they still need them
## Project update

<table>
<thead>
<tr>
<th>Unadvertised IPv4 type</th>
<th>Number of prefixes/ Total size</th>
<th>Public status</th>
<th>Potential actions</th>
<th>Latest update</th>
</tr>
</thead>
<tbody>
<tr>
<td>Under 5 years (Last /8 policy)</td>
<td>719 prefixes 370,000</td>
<td>Allocated or Assigned</td>
<td>Return to pool</td>
<td>Email sent to 604 Members in June</td>
</tr>
<tr>
<td>Over 5 years or not from last /8 policy</td>
<td>9449 prefixes 54 million</td>
<td>Allocated or Assigned</td>
<td>Return to pool or transfer</td>
<td>Email sent to 1,309 Members in August</td>
</tr>
<tr>
<td><strong>Historical</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Uncontactable holder</td>
<td>293 prefixes 2.3 million</td>
<td>Reserved</td>
<td>Return to pool</td>
<td>Being manually followed up since July</td>
</tr>
<tr>
<td>Contactable holder</td>
<td></td>
<td>Reserved</td>
<td>Return to pool, transfer, or claim into an account</td>
<td></td>
</tr>
<tr>
<td>Voluntarily returned</td>
<td>197 prefixes 1.1 million</td>
<td>Reserved</td>
<td>Return to pool</td>
<td>Returned to pool in August</td>
</tr>
<tr>
<td>Unadvertised space under NIR management</td>
<td>11,680 prefixes 53 million</td>
<td>Allocated or assigned</td>
<td>Return to pool or transfer</td>
<td>Being discussed with the NIRs</td>
</tr>
</tbody>
</table>
IPv4 Transfer Listing Service

Create a new listing

Required fields *

Name *
Vivek Nigam

Email *  What's this?
vivek@apnic.net

Prefix *
203.0.113.0/24

Submit
Questions?