IANA Activities Update
RIPE 69, London, UK

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Director, Technical Services
Topics

• New and familiar faces
• Satisfaction survey
• Number allocations
• KSK events
• Root management
New and familiar faces

Elise
Kim
Naela
Michelle
Leo
Pearl
Amanda
Selina
Paula
Dalini
Andres
Punky
Marilia
Satisfaction survey

- 3rd annual survey
- 4,400 customers invited
- 489 respondents
- Satisfaction trending up in most key service aspects
- Plan to publish a full report in January
Number allocations

- 2 AS number allocations since RIPE 68
  - LACNIC qualified for 2 blocks
  - 1 block composed of 99 16-bit numbers and remainder in 32-bit numbers
  - 297 16-bit AS numbers remain unallocated
Number allocations (2)

- IPv4 allocations made on schedule in September
- /12 allocations (1,048,576 addresses)

<table>
<thead>
<tr>
<th>Range of Addresses</th>
<th>Registry</th>
</tr>
</thead>
<tbody>
<tr>
<td>45.224.0.0 — 45.239.255.255</td>
<td>LACNIC</td>
</tr>
<tr>
<td>45.112.0.0 — 45.127.255.255</td>
<td>APNIC</td>
</tr>
<tr>
<td>45.96.0.0 — 45.111.255.255</td>
<td>AFRINIC</td>
</tr>
<tr>
<td>45.80.0.0 — 45.95.255.255</td>
<td>RIPE NCC</td>
</tr>
<tr>
<td>45.16.0.0 — 45.31.255.255</td>
<td>ARIN</td>
</tr>
</tbody>
</table>
Scheduled IPv4 allocations

Allocate twice per year
Allocations happen on a pre-defined schedule

Use formula posted online
ICANN publishes the formula used to make selection as open source available for anyone to inspect.
github.com/icann/ipv4-recovery-algorithm

Communicate results
After the formula is applied per the schedule, the results are communicated to the RIRs and operations community, and the IANA registry is updated.
iana.org/assignments/ipv4-recovered-address-space
## Allocation of Number Resource KPIs

<table>
<thead>
<tr>
<th>Metric</th>
<th>Target</th>
<th>Actual</th>
<th>Target Met</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Accuracy (1)</strong> — Policy is correctly implemented.</td>
<td>100%</td>
<td>100%</td>
<td>✔</td>
</tr>
<tr>
<td><strong>Accuracy (2)</strong> — Registry is updated before notifying requestor of allocation.</td>
<td>100%</td>
<td>100%</td>
<td>✔</td>
</tr>
<tr>
<td><strong>Timeliness and Process Quality (1)</strong> — For a specific request, ICANN does not need to seek more than two iterations of clarification from the requesting Regional Internet Registry in order to correctly apply the registration policy.</td>
<td>100%</td>
<td>100%</td>
<td>✔</td>
</tr>
<tr>
<td><strong>Timeliness and Process Quality (2)</strong> — Requests are to be completed within 7 days.</td>
<td>100%</td>
<td>100%</td>
<td>✔</td>
</tr>
<tr>
<td><strong>Transparency (1)</strong> — Public announcement of an allocation is made on the same day as the allocation being recorded in the IANA registry.</td>
<td>100%</td>
<td>100%</td>
<td>✔</td>
</tr>
<tr>
<td><strong>Transparency (2)</strong> — An implementation schedule for a new global policies under C.2.9.3 will be posted following ratifications within 14 days for simple policies, and 30 days for complex policies.</td>
<td>100%</td>
<td>100%</td>
<td>✔</td>
</tr>
</tbody>
</table>

Performance standards consultation completed in April 2013:

http://icann.org/resources/pages/iana-kpis-2012-11-20-en
1 year since we started delegating new gTLDs

428 gTLDs were delegated as of 28 October 2014

35 new gTLDs are IDNs

Performance data at http://iana.org/performance
IANA Monthly Root Dashboard — October 2014
http://www.iana.org/performance/root-processing-times
Root Key Signing Key Events

- KSK Ceremonies
  - Last: 14 August 2014 in El Segundo, CA, USA
    http://iana.org/dnssec/ceremonies/18
  - Next: 20 November 2014, Culpeper, VA, USA
    http://iana.org/dnssec/ceremonies/19
- DNSSEC Key Rollover Workshop held at ICANN 51
  http://la51.icann.org/en/schedule/thu-dnssec-key-rollover
Thank you!