IANA Update @ RIPE 65
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Overview

• 2012 Customer Survey Results
• Updating IANA Special IPv4 & IPv6 Registries
• New Global Policy Implementation
• Key Signing Ceremonies
• AS Number Management
2012 Customer Survey

We invited Protocol Parameters, Number Resources & Root Management users to participate in a satisfaction survey in April & May 2012.

The results were positive and a full report is available.
Special IPv4 & IPv6 Registries

- draft-bonica-special-purpose-00
- proposes restructuring special registries to use a common format for all special purpose registrations

Consolidation & update of pre-existing RFCs defining special registries & documenting special prefixes
IPv4 Post Exhaustion Global Policy Ratified (1 of 3)

The pool contains
- 13 * /24
- 7 * /23
- 47 * /22
- 18 * /21
- 12 * /20
- 3 * /19
- 5 * /18,
- 3 * /17
- 17 * /16
- 2 * /15
- 1 * /14
- 1 * /13
- 1 * /12
- 1 * /11
- 1 * /10
- 1 * /9

• Running a public comment period on implementation choices following discussions with IESG & NRO
  — Registry format
  — Address selection mechanism
IPv4 Post Exhaustion Global Policy Ratified (2 of 3)

- Registry options include:
  - Single, high granularity registry
  - Multiple registries
  - Multiple views in 1 registry

- Selection mechanism options:
  - OSS
  - Manual with public review

Pool size is approximately a 1¼ /8s at the moment
IPv4 Post Exhaustion Global Policy Ratified (3 of 3)

• 21 day public comment period followed by a 21 day reply period

• Scheduled to begin first week of October 2012

• icann.org/public-comment
Recent key signing ceremony - August 2012
Service Measurements for Numbers Management

We documented our KPIs for number management in 2011 and used them as input when reviewing the ASN request process in 2012.

<table>
<thead>
<tr>
<th>Area</th>
<th>KPI</th>
<th>Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accuracy</td>
<td>Registry updated before notifying requester</td>
<td>100%</td>
</tr>
<tr>
<td>Timeliness &amp; Process Quality</td>
<td>Iterations with requester</td>
<td>2</td>
</tr>
<tr>
<td>Transparency</td>
<td>Public announcements in a timely fashion</td>
<td>100%</td>
</tr>
</tbody>
</table>
3. Additional Allocations

An RIR is eligible to receive (an) additional ASN block(s) from the IANA if one of the following conditions is met:

1. The RIR has assigned/allocated 80% of the previously received ASN block, or
2. The number of free ASNs currently held by the RIR is less than two months need. This projection is based on the monthly average number of ASNs assigned/allocated by the RIR over the previous six months.

An RIR will be allocated as many ASN blocks as are needed to support their registration needs for the next 12 months, based on their average assignment/allocation rate over the previous six months, unless the RIR specifically requests fewer blocks than it qualifies for.
Usage by RIR: Reflects Criteria 1

Usage of most recent ripencc ASN allocation(s) on 20120321 (as of 20/09/2012) - (c) ICANN Research

http://stats.research.icann.org
Run rate per RIR: Criteria 2

![ASN Forecast for ripencc as of 20/09/2012 - (c) ICANN Research](chart)

- Number of ASNs

Legend:
- G REG AVG
- Latvia-red
- Z REG RED

Policy Milestone
Thank You
Questions