



IANA Update @ RIPE 65 Amsterdam, Sep 2012

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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

Consolidation & update of pre-existing RFCs defining special registries & documenting special prefixes

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

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)

Pool size is approximately a 1¼ /8s at the moment

- Registry options include:
 - Single, high granularity registry
 - Multiple registries
 - Multiple views in 1 registry
- Selection mechanism options:
 - OSS
 - Manual with public review

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

Area	KPI	Target
Accuracy	Registry updated before notifying requester	100%
Timeliness & Process Quality	Iterations with requester	2
Transparency	Public announcements in a timely fashion	100%

ASN Policy Criteria

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:

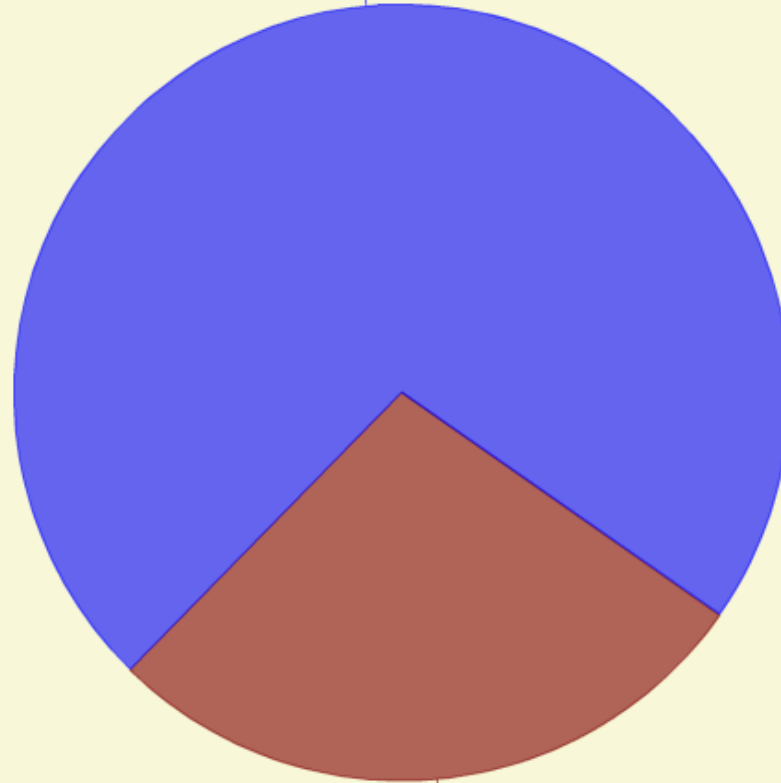
1. The RIR has assigned/allocated 80% of the previously received ASN block, or
2. The number of free ASNs currently held by the RIR is less than two months need. This projection is based on the monthly average number of ASNs assigned/allocated by the RIR over the previous six months.

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

Unallocated (2223)

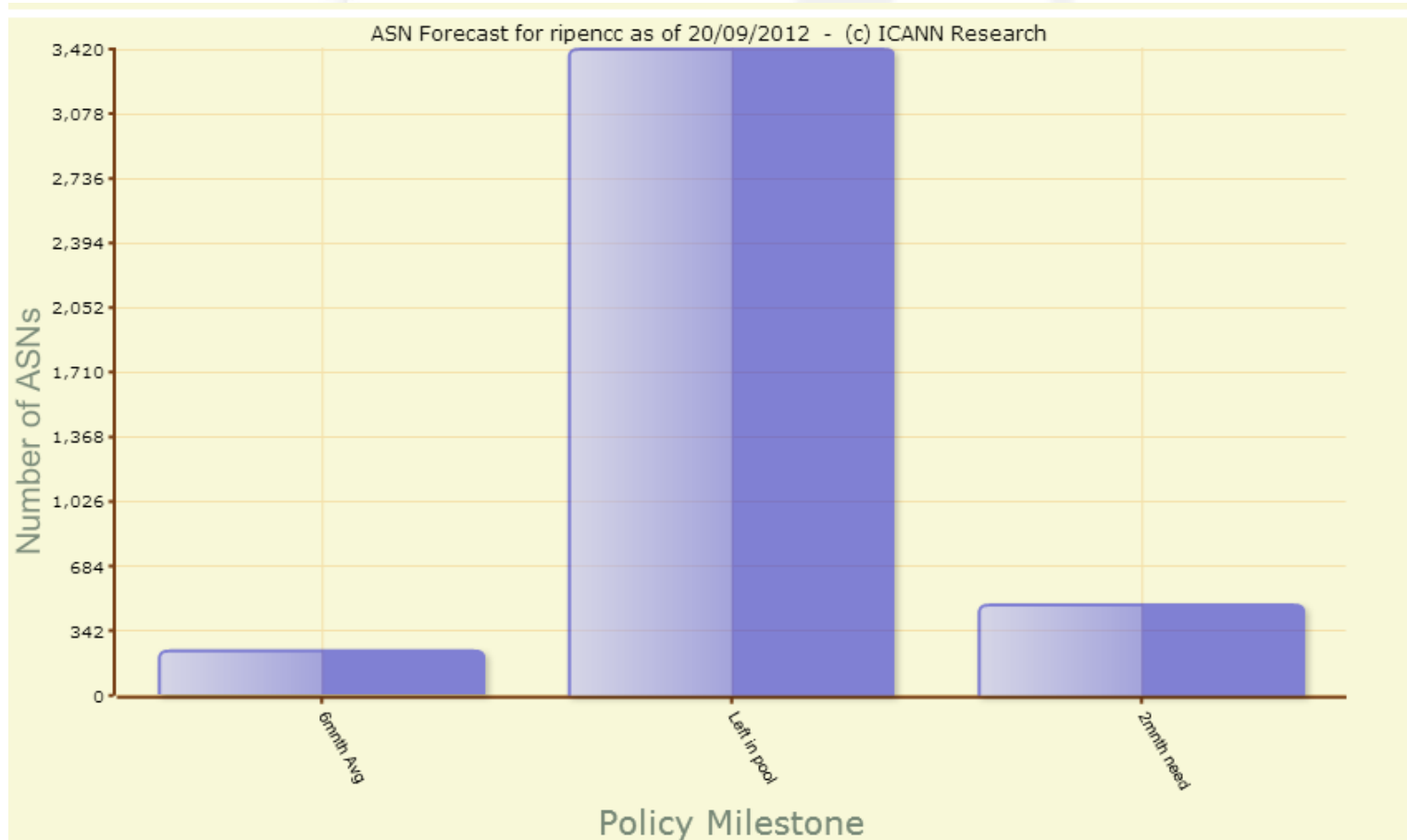


Allocated (849)

<http://stats.research.icann.org>



Run rate per RIR: Criteria 2





Thank You

One World

One Internet

Questions