

Policy Documentation

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Last time we spoke

- Community support to review Editorial Policy
- Community support to reengineer document archive
- Community support to merge ALL resource policies into a single policy document
- Community support to investigate adoption of an alternate document format
- I will report on these slightly out of order

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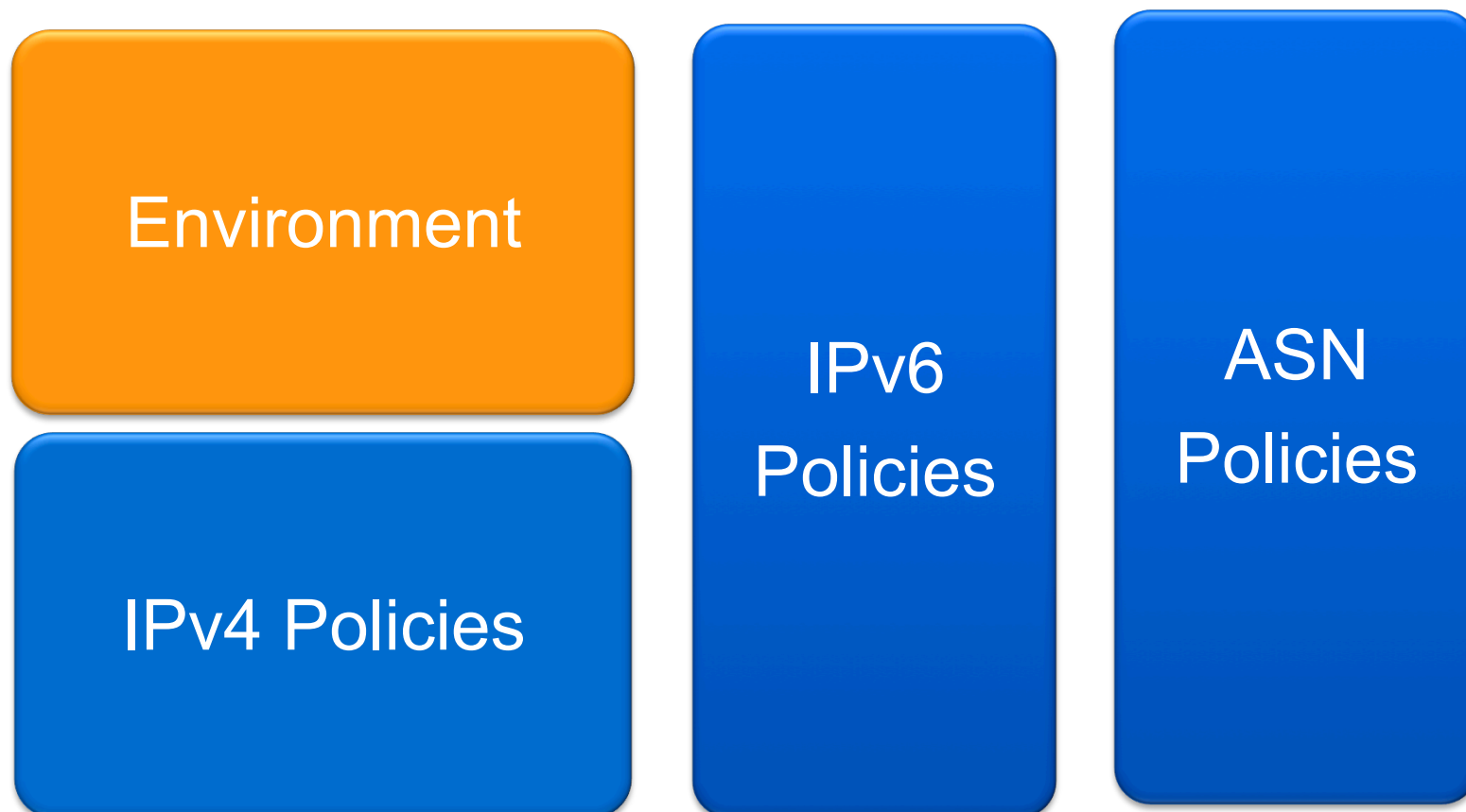
Original documentation structure

IPv4
Policy

IPv6
Policy

ASN
Policy

Current documentation structure



Proposed documentation structure

```
graph TD; Environment[Environment] --> IPv4[IPv4 Policies]; Environment --> IPv6[IPv6 Policies]; Environment --> ASN[ASN Policies];
```

Environment

IPv4
Policies

IPv6
Policies

ASN
Policies

SINGAPORE

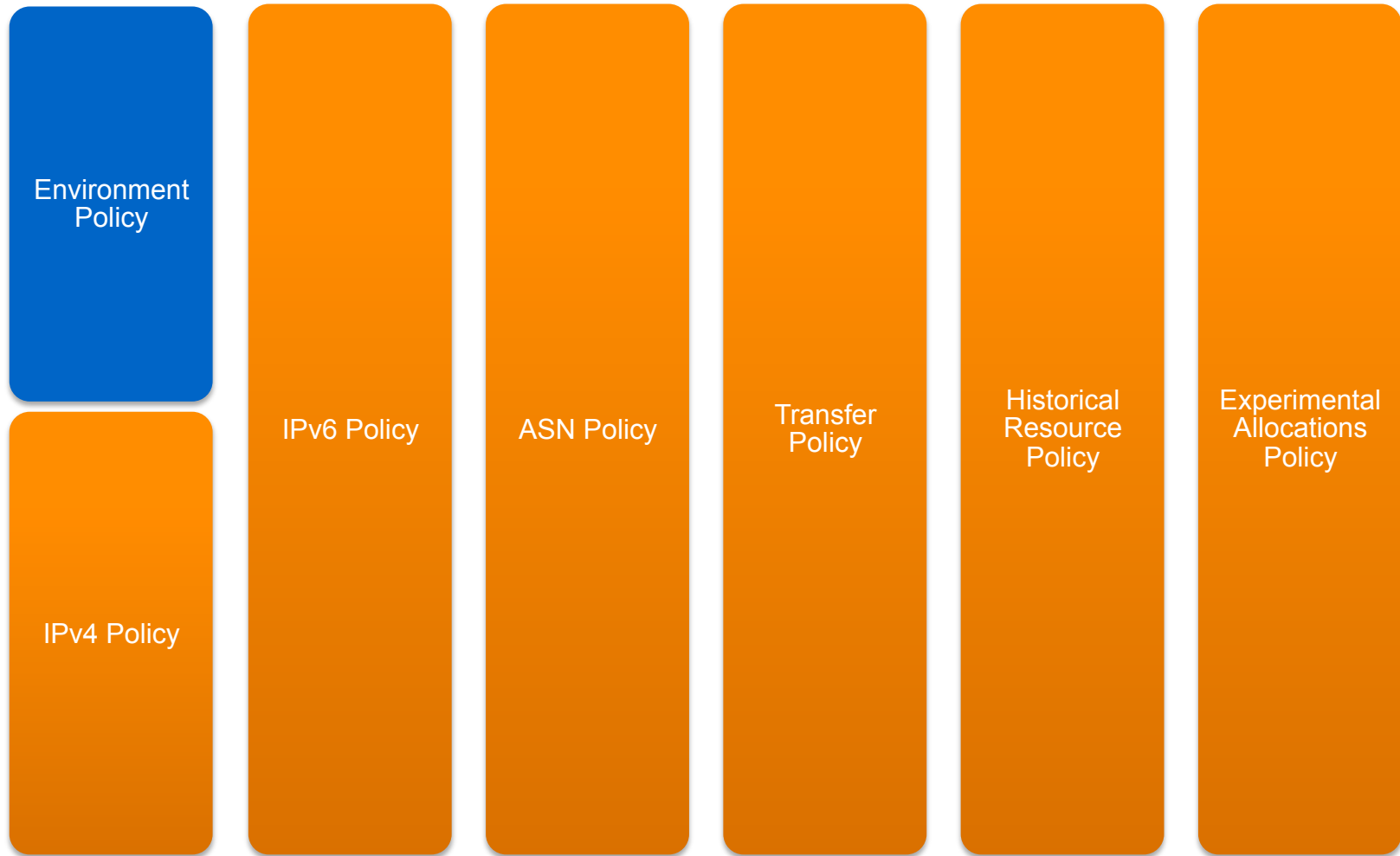
25 February - 1 March 2013

Better, but...

APNIC



Actual documentation structure



New documentation structure

APNIC Numeric Internet Resource Policies

Ready to go

- How to proceed?
 - No PDP impact can be changed under Document Editorial Policy
 - Significant change may require longer Comment Period
 - Propose three months
- Propose to publish the draft as PDF and Word Doc
 - Code HTML later
 - Enable tracked changes
 - Easier to edit and renumber if required

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Document Editorial Policy

- Current version proposed by Gerard Ross, APNIC Documentation Manager
- The result of prop-002 (the PDP was prop-001)
 - <http://www.apnic.net/policy/proposals/prop-002>
 - <ftp://ftp.apnic.net/apnic/archive/apnic-112-v001.txt>
- Reached Consensus at APNIC 16 Seoul, South Korea
- Endorsed by the APNIC EC on 24 December 2003
- Implemented same day
- Editorial review from 19 Jan – 19 Feb
- Remember: A formal Policy Proposal required to change

Scope is unclear causing restrictions

- Confusion between Policies and other documents
 - The policy talks mostly about implementing policy
 - There are other “numbered” documents caught in the umbrella
 - Introduce clarity so documents can be numbered to assist versioning without making it hard to change them
- Reasons to change a document
 - Implement new policy, or to correct errors
 - Does not accommodate other reasons to change a document
 - Some changes do not require editorial review
- A different document format may be appropriate
- Status: A more detailed proposal to come

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Policy Archive

- Archival Versioning of all Official Documents
 - <ftp://ftp.apnic.net/public/apnic/archive/>
 - Metadata listing of archival documents
 - <ftp://ftp.apnic.net/public/apnic/archive/readme.txt>
- Store of active Official Documents
 - <ftp://ftp.apnic.net/public/apnic/docs/>
 - Metadata listing of documents
 - <ftp://ftp.apnic.net/public/apnic/docs/README.txt>

Five Copies Of Each Policy

- A text file of the current document named for the short name of the document with a .txt extension
- A text file of the current document named for the short name of the document without a .txt extension
- An archived text file of the current version named for the document number of the document
- An html version of the document on the website. (not all numbered documents are available in html)
- A text version of the current document named for the document number of the document on the website
- And
 - Some documents are available in MS Word format
 - Some documents are ONLY available in Adobe PDF format

But if there's only one Policy

- Significantly reduced maintenance overhead
- This reduces the return on effort invested
- Change to the Document Editorial Policy would mean other stakeholders affected
 - For example, the APNIC EC are the owners of Membership and Fees documents.
- Possible Document Management System
 - As part of ISO 9000 Quality project
- Status: On Hold

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Document format

- Again, reduced maintenance with single document
- Propose to publish merged document in:
 - html (for easy access)
 - Text (official archive version)
 - PDF (for print)
- Status: Reserving Judgement

31 January 2013

RIR Comparative Policy Overview 2012-04



[RIR Comparative Policy Overview \(version 2012-04\)](#)

(version 2012-04)

The goal of this document is to provide a comparative overview of policies across the Regional Internet Registry (RIR) system. It is not a policy statement by the RIRs, but serves as a reference for the Internet community. While this document was accurate on the date of publication, it may be outdated by subsequent policy implementations. The official policy documents can be found at the respective websites of the RIRs. This is a public document that will be reviewed and revised quarterly through the coordinated efforts of the RIRs.

For more information, refer to the [AFRINIC](#), [APNIC](#), [ARIN](#), [LACNIC](#), and [RIPE NCC](#) websites.

- 1. General
 - 1.1 Goals of the RIR System
 - 1.2 Membership
 - 1.3 Allocation Terms and Conditions
 - 1.3.1 Type of Custodianship
 - 1.3.2 Transfer of Custodianship
 - 1.3.3 Recovering Unused Resources
- 2. IPv4
 - 2.1 Initial Allocation
 - 2.2 Subsequent Allocations
 - 2.3 Sub-Allocations
 - 2.4 Assignments by RIRs (Independent/Portable)
 - 2.4.1 General
 - 2.4.2 Critical Infrastructure
 - 2.4.3 Internet Exchange Points (IXPs)

2.1 Initial Allocation

RIR	Category	Policy
AFRINIC	Size	Slow start: /22 (can be exceeded when justified by requester).
	Eligibility	The requesting organization must show an existing efficient utilization of IP addresses from their upstream provider or an immediate need of IP addresses. Justification may be based on a combination of immediate need and existing usage.
	Period	1 year.
APNIC	Size	From Friday, 15 April 2011, new and existing APNIC account holders are eligible to receive a maximum /22 worth of address space from the remaining IPv4 address pool.
	Eligibility	a) Membership or pay non-member fee; b) have previously used or can demonstrate immediate need for /24; c) complied with policies in managing all previous address space; d) detailed plan for use of a /23 within a year;
	Period	1 year.
ARIN	Size	Slow start: /22 minimum for multihomed, otherwise /20 (can be exceeded when documented immediate need exceeds /20). /22 for Caribbean and North Atlantic Islands sector of the ARIN region.
	Eligibility	For a /22: efficient utilization of a /23 from upstream; intent to multihome; agree to renumber, or For a /21: efficient utilization of /22 from upstream; intent to multihome; agree to renumber, or For a /20: efficient utilization of /21 from upstream; intent to multihome; agree to renumber, or Efficient utilization of /20 from upstream (no renumbering required). For a /22 in the Caribbean and North Atlantic Islands sector: efficient utilization of a /22 from upstream (no renumbering required).
	Period	3 months.
LACNIC	Size	Slow start: /22, otherwise /21 (can be exceeded when documented immediate need exceeds /21).
	Eligibility	For a /22: current use or documented need of a /24; submit a detailed one-year utilization plan for a /23; agree to renumber out of the previously assigned block and return those IPv4 addresses to their ISPs no later than 12 months after the allocation of the /22; if the applicant does not already have an IPv6 block assigned by LACNIC, simultaneously request an IPv6 block in accordance with the corresponding applicable policy. or For a /21: Must provide information on assignments with prefixes equal to or shorter than /29 (more than 8 IPv4 addresses) on LACNIC's WHOIS database; must provide documentation that justifies the initial address space allocation (This must include detailed information showing how this resource will

1.3.2 TRANSFER OF CUSTODIANSHIP

RIR	Policy
AFRINIC	Does not allow sale of addresses, but recognizes name changes and transfers of tangible assets associated with addresses. Requires submission of legal documents. Utilization is verified. May require new agreement.
APNIC	<p>APNIC recognizes resource transfers under the following conditions:</p> <ol style="list-style-type: none">1) Historical resources may be transferred to an APNIC Member account. Transfers are purely optional and do not need to meet any technical justifications.2) APNIC recognizes transfers of IPv4 address blocks of /24 or greater between APNIC account holders. Recipients are required to justify their need for the resources.3) Transfers of IPv4 address blocks greater than /24 are recognized between APNIC account holders and account holders in other regions, only where that region has a suitable Inter-RIR transfer policy. The APNIC account holder must meet the requirements of APNIC policy and the entity in the other region must meet the policy requirements and criteria in its own region. If the recipient is in the APNIC region, they are required to justify their need for the resources.4) APNIC recognizes the transfer of any numeric resource resulting from mergers, acquisitions, and takeovers, where the effect of the new ownership is that an LIR changes its name. Supporting legal documentation is, as is full disclosure of all address space held by all entities involved.
ARIN	IPv4 number resources and ASNs within the ARIN region may be released to ARIN by the authorized resource holder, in whole or in part, for transfer to another specified organizational recipient. The recipient must

RIR Comparative Policy Overview

Date Published	Title of Document
31 January 2013	<u>RIR Comparative Policy Overview 2012-04</u>
18 October 2012	<u>RIR Comparative Policy Overview 2012-03</u>
16 July 2012	<u>RIR Comparative Policy Overview 2012-02</u>
15 May 2012	<u>RIR Comparative Policy Overview 2012-01</u>
20 January 2012	<u>RIR Comparative Policy Overview 2011-04</u>
22 November 2011	<u>RIR Comparative Policy Overview 2011-03</u>
30 June 2011	<u>RIR Comparative Policy Overview 2011-02</u>
31 March 2011	<u>RIR Comparative Policy Overview 2011-01</u>
14 December 2010	<u>RIR Comparative Policy Overview 2010-04</u>
27 September 2010	<u>RIR Comparative Policy Overview 2010-03</u>
29 June 2010	<u>RIR Comparative Policy Overview 2010-02</u>
26 March 2010	<u>RIR Comparative Policy Overview 2010-01</u>
27 October 2009	<u>RIR Comparative Policy Overview 2009-03</u>
21 July 2009	<u>RIR Comparative Policy Overview 2009-02</u>
6 April 2009	<u>RIR Comparative Policy Overview 2009-01</u>

SINGAPORE

25 February - 1 March 2013

Policy Proposal Template

APNIC



Proposal Template

- According to the Policy Development Process
 - <http://www.apnic.net/policy/policy-development>
- Section 4, Step 1
 - “The APNIC Secretariat will recommend a preferred proposal format.”
- During the discussion of prop-103 there was a call for Policy Proposals to include a clear Problem Statement
- Recommending a new Proposal Format to encourage that
 - Changes are very minor
 - Will be distributed to the mailing list

Author Becomes Proposer

- Problem Statement
 - A simple explanation of the problem as seen by the proposer.
- Objective of Policy Change
 - What will the policy environment look like when the Problem is resolved.
- Proposed Policy Solution
 - What changes are required to policies to achieve the Objective.
- Pros / Cons
 - List the Advantages and Disadvantages
- Impact on APNIC
- References

Thank you

Questions?

