

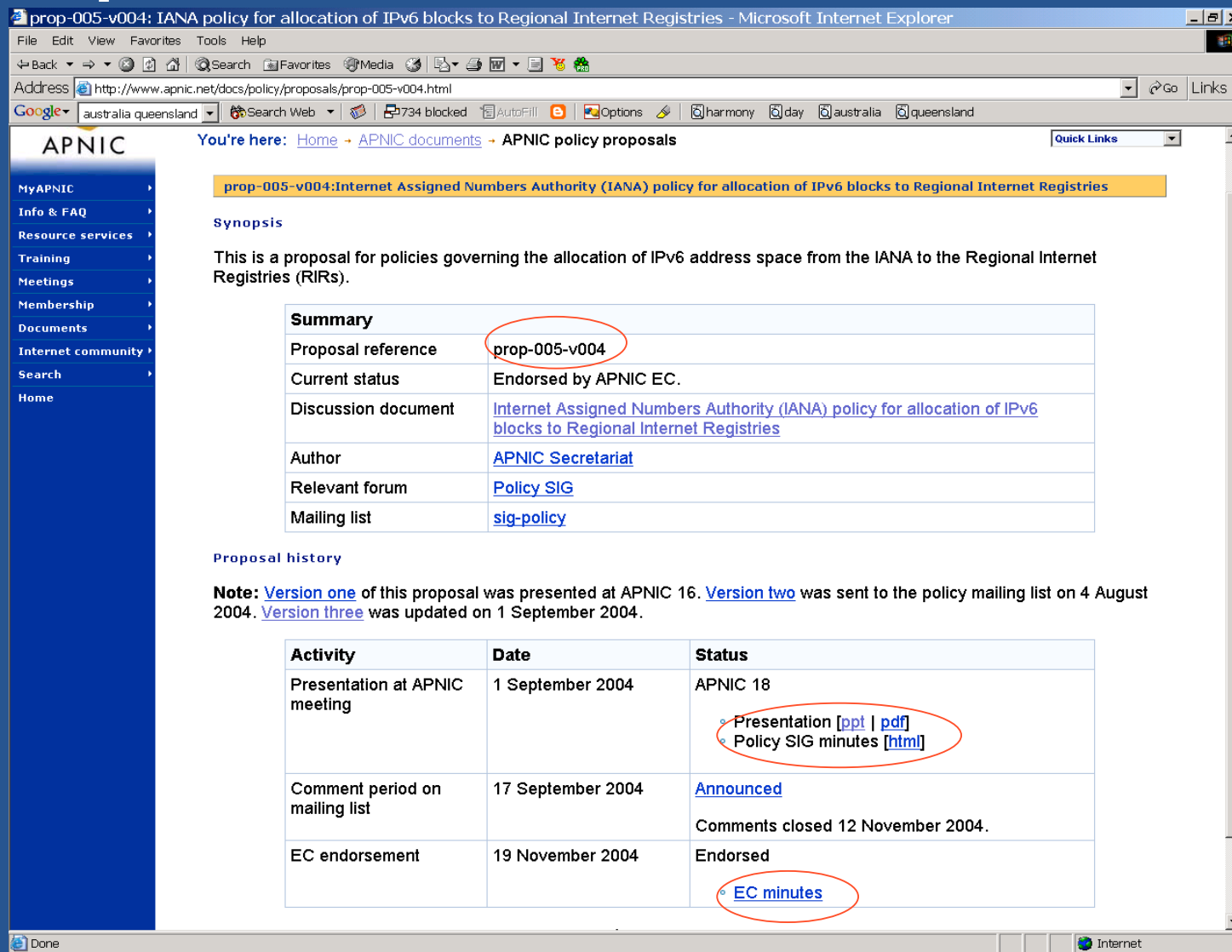
# IANA policy for allocation of IPv6 blocks to RIRs - status update

Policy SIG

Feb 24 2005

APNIC19, Kyoto, Japan

# Status APNIC region prop-005-v004



prop-005-v004: IANA policy for allocation of IPv6 blocks to Regional Internet Registries - Microsoft Internet Explorer

Address: http://www.apnic.net/docs/policy/proposals/prop-005-v004.html

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**prop-005-v004: Internet Assigned Numbers Authority (IANA) policy for allocation of IPv6 blocks to Regional Internet Registries**

Synopsis

This is a proposal for policies governing the allocation of IPv6 address space from the IANA to the Regional Internet Registries (RIRs).

Summary	
Proposal reference	prop-005-v004
Current status	Endorsed by APNIC EC.
Discussion document	<a href="#">Internet Assigned Numbers Authority (IANA) policy for allocation of IPv6 blocks to Regional Internet Registries</a>
Author	<a href="#">APNIC Secretariat</a>
Relevant forum	<a href="#">Policy SIG</a>
Mailing list	<a href="#">sig-policy</a>

Proposal history

Note: [Version one](#) of this proposal was presented at APNIC 16. [Version two](#) was sent to the policy mailing list on 4 August 2004. [Version three](#) was updated on 1 September 2004.

Activity	Date	Status
Presentation at APNIC meeting	1 September 2004	APNIC 18 <ul style="list-style-type: none"> <li><a href="#">Presentation [ppt   pdf]</a></li> <li><a href="#">Policy SIG minutes [html]</a></li> </ul>
Comment period on mailing list	17 September 2004	<a href="#">Announced</a> Comments closed 12 November 2004.
EC endorsement	19 November 2004	Endorsed <ul style="list-style-type: none"> <li><a href="#">EC minutes</a></li> </ul>

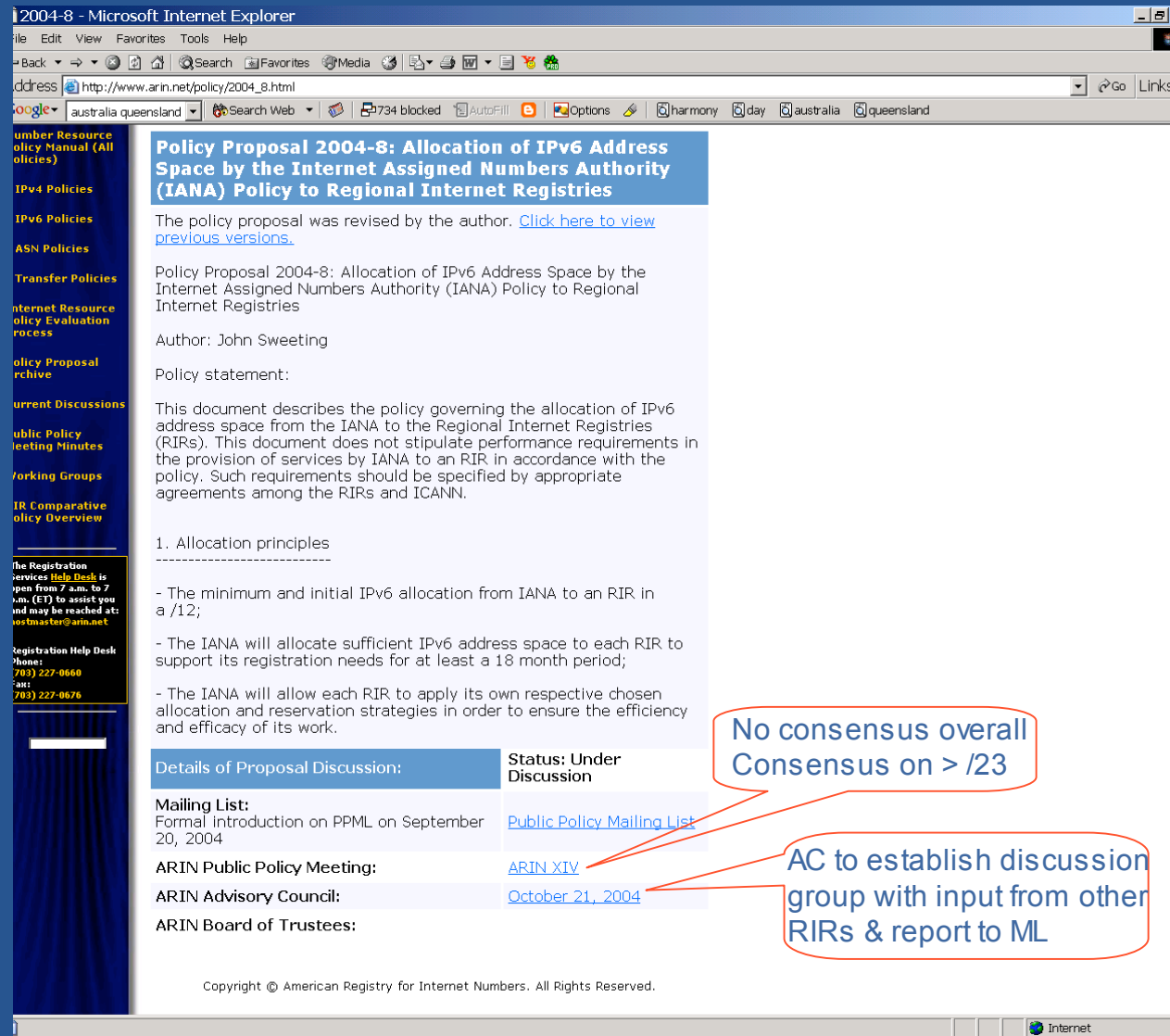
http://www.apnic.net/docs/policy/proposals/prop-005-v004.html

## Proposal summary AP region

- /12 minimum unit of allocation
  - Every allocation a single CIDR prefix
- IANA allocates for 36 months
- Allocations to new RIRs /12
- RIR own method of management
- Additional allocations at 50% utilisation
  - Size 1+ /12 blocks to last 36 months
- Announcements by IANA to RIRs
  - RIRs to announce to own RIR community



# Status ARIN region 2004-8



**Policy Proposal 2004-8: Allocation of IPv6 Address Space by the Internet Assigned Numbers Authority (IANA) Policy to Regional Internet Registries**

The policy proposal was revised by the author. [Click here to view previous versions.](#)

Policy Proposal 2004-8: Allocation of IPv6 Address Space by the Internet Assigned Numbers Authority (IANA) Policy to Regional Internet Registries

Author: John Sweeting

Policy statement:

This document describes the policy governing the allocation of IPv6 address space from the IANA to the Regional Internet Registries (RIRs). This document does not stipulate performance requirements in the provision of services by IANA to an RIR in accordance with the policy. Such requirements should be specified by appropriate agreements among the RIRs and ICANN.

1. Allocation principles

- The minimum and initial IPv6 allocation from IANA to an RIR in a /12;
- The IANA will allocate sufficient IPv6 address space to each RIR to support its registration needs for at least a 18 month period;
- The IANA will allow each RIR to apply its own respective chosen allocation and reservation strategies in order to ensure the efficiency and efficacy of its work.

Details of Proposal Discussion:	Status: Under Discussion
Mailing List: Formal introduction on PPML on September 20, 2004	<a href="#">Public Policy Mailing List</a>
ARIN Public Policy Meeting:	<a href="#">ARIN XIV</a>
ARIN Advisory Council:	<a href="#">October 21, 2004</a>
ARIN Board of Trustees:	

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No consensus overall  
Consensus on > /23

AC to establish discussion  
group with input from other  
RIRs & report to ML

## Proposal summary ARIN region

- /12 minimum unit of allocation
- IANA allocates for 18 months
- Allocations to new RIRs /12
- RIR own method of management
- Additional allocations at 50% utilisation
  - Size 1+ /12 blocks to last 18 months
- Announcements by IANA to RIRs
  - RIRs to announce to own RIR community

## Status RIPE region

- Proposal submitted to ML Aug 2004
  - Based on APNIC proposal
  - Discussion around size /8 or /12
- Raised at RIPE49
  - No consensus reached overall
    - Consensus on need for > /23 allocations
  - Action on WG to discuss proposal on ML
    - No further discussion taken place

## Status LACNIC region

- Presented at LACNIC VII
  - Informational presentation based on APNIC documentation
  - Lively discussions
- Next steps
  - Circulate proposal document
  - To discuss on ML and at next LACNIC meeting (Jun 6-9)
  - In principle, /12 minimum allocation size acceptable to region



## Status AFRINIC region

- Posted to the mailing list
  - No discussion thus far



## Issues to be resolved

- Allocation unit
  - Strong recognised need to improve current /23 allocation unit
  - Most acceptable size is /12
- Allocation period
  - 18 months and 36 months suggested
    - 18 months appears to be most acceptable
    - APNIC consensus documented ability to be ‘flexible’ to meet global consensus



## Next steps?

- NRO prepared draft document
  - Incorporating consensus so far and based on IANA-RIR IPv4 document framework
  - Circulate on RIR ML's and global-v6
- Presentations & discussion in all regions
  - Some regions have already reached consensus on certain points
  - Flexibility may be needed in all regions to achieve global consensus



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# Questions?

