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# 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



😳 Internet

🛃 prop-l	05-v004: IANA policy for allocation of IPv6 blocks to Regional Internet Registries - Microsoft Internet Explorer
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MyAPNIC	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	Internet Assigned Numbers Authority (IANA) policy for allocation of IPv6 blocks to Regional Internet Registries			
Author	APNIC Secretariat			
Relevant forum	Policy SIG			
Mailing list	sig-policy			

#### **Proposal history**

Note: <u>Version one</u> of this proposal was presented at APNIC 16. <u>Version two</u> was sent to the policy mailing list on 4 August 2004. <u>Version three</u> was updated on 1 September 2004.

Activity	Date	Status
Presentation at APNIC meeting	1 September 2004	APNIC 18 Presentation [ppt   pdf] Policy SIG minutes [html]
Comment period on mailing list	17 September 2004	Announced Comments closed 12 November 2004.
EC endorsement	19 November 2004	Endorsed

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**Resource services** 

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

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### **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

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# Status ARIN region 2004-8

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# 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

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# **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





- 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

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#### 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





# • 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



### **Questions?**

