Draft Policy 2011-3

Better IPv6 Allocations for ISPs

10-13 Apr 2011 · San Juan, Puerto Rico

1. History including origin & shepherds
2. Summary
3. Status at other RIRs
4. Staff/legal assessment
5. PPML discussion overview

2011-3 - History

1. Origin: ARIN-prop-121 (16 Nov 2010)

2. AC Shepherds: Robert Seastrom, David Farmer

3. AC selected as Draft Policy (28 Jan 2011)

4. Posted to PPML with assessment (3 Feb 2011)

5. Current Version dated 30 Jan 2011

6. Text and assessment online & in Discussion Guide

    https://www.arin.net/policy/proposals/2011_3.html

2011-3 – Summary

This proposal would change IPv6 allocation policy.

- ISPs would be able to request larger blocks of address space (on nibble boundaries).

- ISP customers of ISPs would be able to use this same policy for their requests.

- Additional allocations at 75% utilization.

- Minimum allocation lowered from /32 to /36.

2011-3 – Status at other RIRs

APNIC

Similar proposal recently abandoned.

2011-3 – Staff Assessment

Staff Comments: Issues/Concerns?

1. Need to make clear that the new definitions apply only to IPv6 policy (2.12, 2.13 and 2.14)

2. A few suggested edits for punctuation and grammar.

Implementation: Resource Impact? - Moderate

– Engineering effort to modify sparse allocation tools.

2011-3 – Legal Assessment

No legal comments.

2011-3 – PPML Discussion

- ## 12 posts by 9 people

- ## 4 in favor, 0 against

- "This proposal addresses issues that we have encountered in planning our IPv6 deployment. We have delayed our deployment of IPv6 while we wait to see what happens with proposal 2011-3. It makes more sense for us to deploy IPv6 right the first time!"

- "I can't find any maximum allocation size defined in this proposal or current policy. However, this proposed policy would have the potential to allocate very large blocks. I would like to see language fixing the maximum size at a /16 or perhaps a /12. It's just too risky to leave it completely open-ended."

- "I would also like to add my support for 2011-3. A number of organizations I work with are in the same boat. And although not applicable on this list, I would encourage the board to revisit the v6 fee structure, should this policy be implemented."

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