



ARIN XXVI

atlanta, ga • 6-8 october 2010

IPv6 for 6rd

Draft Policy 2010-9

2010-9 - History

Origin (Proposal 113)	4 May 2010
Draft Policy	20 July 2010
Revised/Current Version	24 September 2010

AC Shepherds:

Marla Azinger

Heather Schiller

2010-9 – Summary

(IPv6 for 6rd)

- Adds to IPv6 allocation policy.
- Allows an ISP with IPv4 space to request an IPv6 allocation for a 6rd deployment.
 - The allocation will be reviewed after 3 years by ARIN staff (if it's still needed it can be kept).

2010-9 – Status at other RIRs (IPv6 for 6rd)

APNIC has a similar proposal (after APNIC 30 returned to list for further discussion)

2010-9 – Staff Assessment

Legal: Liability Risk? – No.

Staff Comments: Issues/Concerns?

Reassignments of /64s to customers will qualify an ISP for a /32. If ISPs want to make larger reassignments to customers they can qualify for increasingly larger allocations with no other qualifying criteria required. For example, an ISP that wants to assign /48s to customers will automatically qualify for a /16.

Implementation: Resource Impact? - Minimal

Assessment available:

- Discussion Guide
- <http://lists.arin.net/pipermail/arin-ppml/2010-July/017791.html>

2010-9 – PPML Discussion

- 10 posts by 4 people
- 1 in favor, 2 against
- “I think the language here is adequate to at least start meeting the needs of providers that want to deploy 6rd and I think it is more important that ARIN not pose an impediment to this process, especially between now and IANA depletion than to have ideal wording.”
- “2010-9 as written more or less guarantees an IPv6 /28 to ALL CURRENT IPv4 REGISTRANTS”
- “I need some convincing that we're solving a problem that actually exists vs policy for policy's sake.”



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