

Equitable IPv4 Run-Out

Draft Policy 2009-8



2009-8 - History

Original Proposal (PPs 93 and 94)	8 JUN 09 (both posted same day)
Draft Policy	31 AUG 09

Similar topics

AfriNIC	Discussion
APNIC	Discussion
LACNIC	Adopted
RIPE NCC	Discussion

AC Shepherds:

David Farmer

Leo Bicknell



2009-8 - Summary

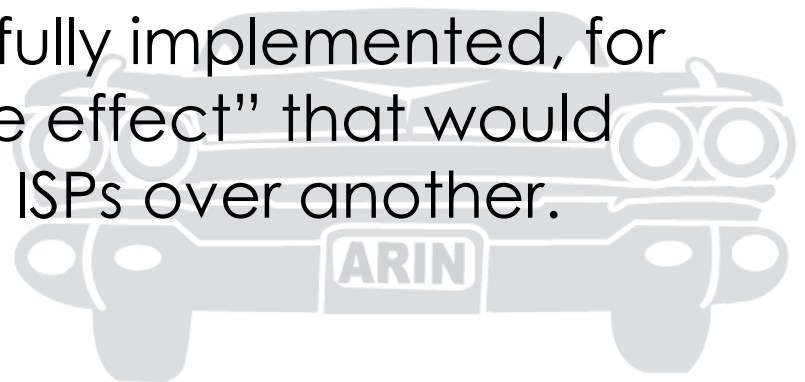
- **Slows distribution of IPv4 space.**
- **Changes policy for ISPs who have been ARIN members for more than one year (these ISPs can currently request a 12-month supply of address space):**
 - When IANA depletes to 20 /8s, ISPs can request a 6-month supply of address space
 - When IANA hits 10 /8s, supply period is reduced to 3 months
- **And, when ARIN gets its last /8, the maximum prefix size for all requests would be 1/4th of ARIN's free pool (rounded down to nearest CIDR prefix)**



2009-8 – Legal Assessment

Legal: Liability Risk?

ARIN has the legal duty and authority to establish more restrictive rules to “ration” the issuance of IPv4 resources as the scarcity of such resources increases. However, such rules must make clear rational sense given current circumstances, and may be tested in litigation by disappointed parties at the time they come fully into effect, not when adopted. Therefore, the proposed policy here will need to be carefully reviewed and if passed, carefully implemented, for example, to prevent any “side effect” that would inadvertently favor one set of ISPs over another.



2009-8 – Staff Assessment

Staff Comments: Issues/Concerns?

1. The maximum prefix size as calculated might not be available as a single prefix.
2. Timing issue - You could see /18 on ARIN's website and request same. But it might be /19 by the time the request is processed.

Yes

Staff Implementation: Resource Impact?

Minimal

Assessment available:

https://www.arin.net/policy/proposals/2009_8.html

And in the Discussion Guide



2009-8 – PPML Discussion

- **4 Posts by 2 People**
- **None in favor, none against**
- **Earlier discussion (76 posts by 17 people)**
 - **Will minimum prefix size be reduced? (Someone who gets a /22 for their 12 month needs, what do they get for 3 months?)**
 - **Suggestion to merge proposals 93 and 94.**
 - **Wordsmithing.**



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