

# Draft Policy 2011-5

## Shared Transition Space for IPv4 Address Extension



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# 2011-5 - History

1. Origin: ARIN-prop-127 (20 Jan 2011)
2. AC Shepherds: Stacy Hughes, Chris Morrow
3. AC selected as Draft Policy (28 Jan 2011)
4. Posted to PPML with assessment (3 Feb 2011)
5. Current Version dated 20 Jan 2011
6. Text and assessment online & in Discussion Guide  
[https://www.arin.net/policy/proposals/2011\\_5.html](https://www.arin.net/policy/proposals/2011_5.html)



# 2011-5 – Summary

This proposal would reserve a /10 in ARIN's Whois similar to blocks reserved by RFCs 1918 and 3068.

- The block is to be shared by anyone who wishes to use it, with no further registration actions required by ARIN.
- The space is not to be routed on the public Internet.



# 2011-5 – Status at other RIRs

No similar policy or proposals at the other RIRs.



# 2011-5 – Staff Assessment

## Staff Comments: Issues/Concerns?

1. This proposal would have ARIN acting as the registrant for this single IP block and maintaining it without us (or the public) knowing who is actually using it or how they are using it. This will likely generate a great deal of abuse and spam complaints to ARIN.
2. It is unclear whether ARIN would need to set up nameservers for this block to provide rDNS.
3. In keeping with the spirit of RFC 2860 with respect to the assignment of specialized address blocks, ARIN Staff will consult with the IANA and the IAB regarding implementation of this draft policy.

Implementation: Resource Impact? - Minimal



# 2011-5 – Legal Assessment

No legal comments.



# 2011-5 – PPML Discussion

- **56 posts by 15 people**
- **5 in favor, 2 against**
- “So, what is the cost? We lose one /10 that could have been assigned or allocated as unique space for a handful of orgs (or potentially one large one). But we gain a shared space that can be used by all ISPs with need for it, the world over. The proposal appears to provide the greatest good.”
- “Any entity that wants this /10 for their own projected use wants it for when there is no ARIN /10 available to anyone. Until that point they will continue to make and justify requests just like always. This draft has zero conservation effect. I don’t support it.”
- “I do think it is completely reasonable to ask some non-trivial number of service providers to come forward and announce they will use this block if allocated by ARIN. You can argue about the over-all merits and stewardship of this proposal, but without a reasonable number of service providers announcing they would use this block it would be impossible to defend the stewardship of this proposal in my opinion.”





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