2012-6 - History

1. Origin: ARIN-prop-177 (Jun 2012)

2. AC Shepherds: Bill Sandiford, Owen DeLong

3. Current version: 5 September 2012

4. Text and assessment online & in Discussion Guide

   https://www.arin.net/policy/proposals/2012_6.html

2012-6 – Summary

- This proposal would modify the existing micro-allocation policy and have ARIN staff reserve a /15 equivalent for critical infrastructure rather than the /16 currently cited in the policy text.

- Additionally, it removes the clause that would allow ARIN to release any remaining space from within the reserved block back into its available pool at the end of 2 years.

2012-6 – Status at other RIRs

No similar proposals/discussions.

2012-6 – Staff Assessment

Staff Comments: Issues/Concerns?

- This proposal will likely benefit organizations who provide critical Internet infrastructure, particularly as the new expanded ICANN gTLD program rolls out.

- The following implementation guideline needs to be part of the policy text that gets added to NRPM "When the equivalent of less than a /8 is left in all inventory". If implemented, ARIN staff will prepend that statement to the policy text for clarification purposes.

- **Implementation: Resource Impact?** – Minimal (3 mos.)
    – Updated guidelines and staff training

2012-6 – Legal Assessment

- No significant legal issue on this proposal.

2012-6 – PPML Discussion

- **32 posts by 9 people (4 in favor and 0 against)**
  - "Given ICANN's discussions to significantly expand the number of gTLDs, I think expanding the CI reservation from /16 to /15 is a reasonable precaution. However, my prediction is that a /15 should be sufficient for several years of gTLD and other CI growth, I'm think 2 to 5 years."
  - "I think … a /14 or more is necessary to deal with what ICANN is talking about, and that coincides with the 2-5 years I was talking about. If we want 10 to 20 years worth I think we need to be talking about something more like /13 then."
  - "Stepping back … do we believe that there's a need for long term use of stable v4 addresses for services that a large portion of the network would be dependent upon?"
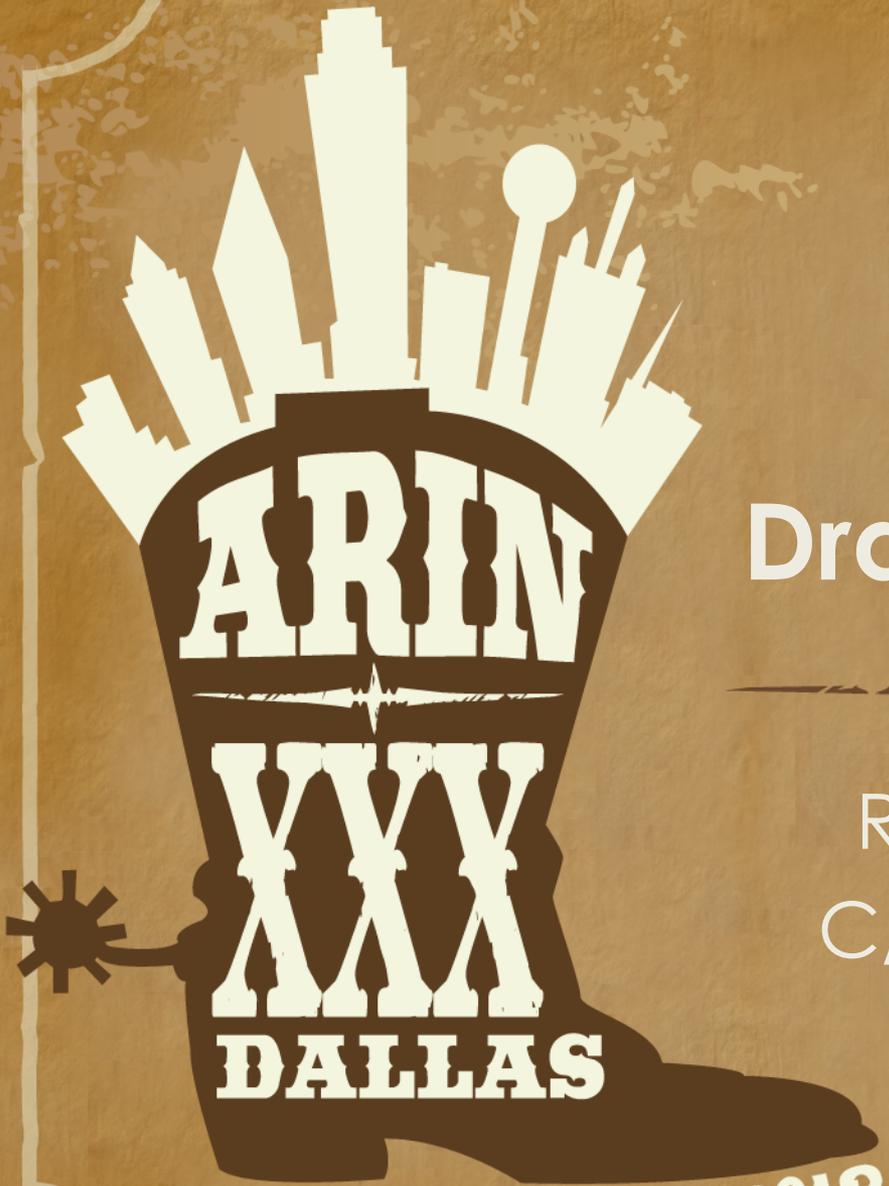
Draft Policy 2012-6

Revising Section 4.4
C/I Reserved Pool Size

ARIN XXX DALLAS

24-26 Oct 2012