ARIN 40

SAN JOSE · 5-6 OCT 2017

# Recommended Draft Policy ARIN-2017-5: Improved IPv6 Registration Requirements

## Staff Introduction

# History

- Proposed in April 2017 (ARIN-prop-240)
- AC Shepherds: Leif Sawyer, Chris Tacit
- Has not been presented at any prior meeting
- Advanced to Recommended Draft Policy Status:
  - September 2017
- Text in Discussion Guide and at:
  - https://www.arin.net/policy/proposals/2017_5.html

Staff Understanding:

- Draft Policy 2017-05 will change the requirement for IPv6 registration from /64 or more addresses to a /47 or more addresses, or sub-delegation of any size that will be individually announced.
- It corrects the pointer in 6.5.5.2 to point to 6.5.5.1 instead of 4.2.3.7.1
- It adds a new requirement stating that a downstream recipient of a /64 or more addresses may request the publishing of their reassignment information by their upstream provider and the upstream provider must publish the information upon request of their customer.

# Staff and Legal Review (continued)

Staff Comments:

- The change from a "/64 or more addresses" to a "/47 or more addresses, or sub-delegation of any size," is a straightforward change that could be implemented immediately as written.

- The change to the pointer is an easy fix to the NRPM

- If the wording in 6.5.5.4 is meant as a requirement for the ISP to register the reassignment as requested by the downstream then this may be out of scope for the NRPM as ARIN has no way to enforce it. Suggest changing the "…must publish…" to "…should publish…" or other wording that would indicate it is a desirable action on the part of the ISP.
  - **Addressed in 18 September revision by AC shepherds**

# Staff and Legal Review (continued)

- Legal Assessment:
  - There are no material legal issues regarding this proposal.

- Resource Impact: Minimal (3 months)

- The following would be needed in order to implement:
  - Updated guidelines and internal procedures
  - Staff training

# Presentation by the AC