ARIN 40
SAN JOSE · 5-6 OCT 2017

# Policy Experience Report

*John Sweeting*
*Senior Director, Registration Services*

# Purpose

- Provide feedback on Number Resource Policy Manual (NRPM) policies
  - **Policies that may not be working as expected**
  - **Gaps, discrepancies, etc. in policy**
  - **Customer feedback**
  - **Ideas for potential new policies**
- The community must ultimately decide what to do
  - **Propose change/removal of an existing policy**
  - **Propose a new policy**
  - **Leave policy as-is**

# Policies Reviewed

- NRPM 4.2.3.5. ARIN approval of reassignments/reallocations

- NRPM 4.2.1.6. Immediate need

- NRPM 4.2.2. Initial allocation to ISPs (wait list)& 8.5.4. Initial block (transfer)

# 4.2.3.5. ARIN approval of reassignments/reallocations

- 4.2.3.5.1. /18 - All **extra-large** ISPs making reassignments of a /18 or larger to a customer must first have these reassignments reviewed and approved by ARIN.

- 4.2.3.5.2. /19 - **Small to large** ISPs making customer reassignments of a /19 or larger must first seek ARIN's approval.

# Items To Review

- IPv4 Depletion
  - **No incentive to give customers more than they need**
- Size Category Changes
  - **Not all current size categories are covered**
- Ticket Workload
  - **1,327 in 2016**
  - **Approximately 70% are self SWIPs**

# Questions For The Community

- Is this policy still required?
- If so, what changes need to be made?

# 4.2.1.6. Immediate need

If an ISP has an **immediate need** for address space, and can provide justification to show that the address space will be utilized **within 30 days of the request**, ARIN may issue a block of address space, not larger than a /16 nor smaller than ARIN's customary minimum allocation, to that organization. These cases are exceptional.

# Items To Review

- ARIN has no available IPv4 to fill immediate need
- NRPM 4.2.2/8.5.4 now auto-qualifies requesters for an initial allocation
- Policy now allows organizations to request up to a 24 month supply

# Questions For The Community

- Is this policy still required?
- If so, to cover what circumstances?

# 4.2.2. Initial allocation to ISPs

All ISP organizations without direct assignments or allocations from ARIN qualify for an initial allocation of up to a **/21**, subject to ARIN's minimum allocation size.

# 8.5.4. Initial block

Organizations without direct assignments or allocations from ARIN qualify for transfer of an initial IPv4 block of ARIN's **minimum transfer size**.
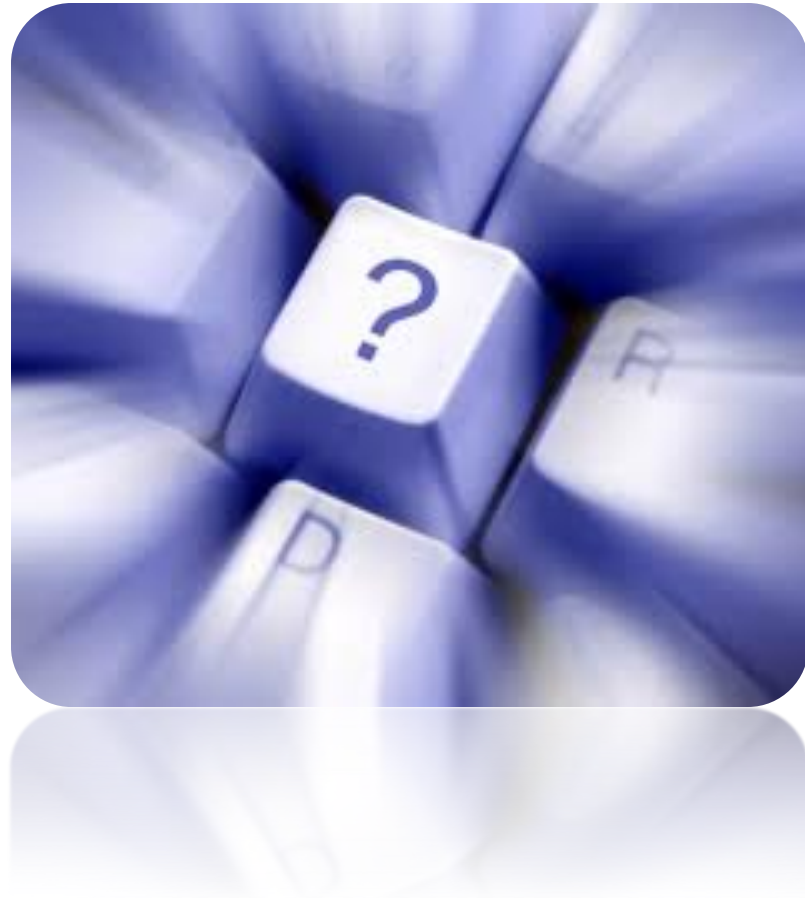
# Items To Review

- Allows ISPs to qualify for a default /21 initial allocation via waiting list but only a /24 via transfer

- Both policies allow ISPs to request a 24 month supply with justification

- Feature or bug?

# Questions For The Community

- Should the 8.5.4 default initial allocation size via transfer be a /21 for ISPs?

- Should the 8.5.4 default initial assignment size via transfer remain the minimum transfer size for end users?

# Questions?