



Baltimore, MD | 9 - 10 Oct 2014

# ARIN Policy Experience Report

Leslie Nobile

# Purpose of Policy Experience Report

- Review existing policies
  - **Ambiguous text/Inconsistencies/Gaps/Effectiveness**
- Identify areas where new or modified policy may be needed
  - **Operational experience**
  - **Customer feedback**
- Provide feedback to community and make recommendations when appropriate

# Policy Discussions

- **NRPM 6.5.2./6.5.2.1 – Initial Allocation to LIRs/Size**
- **NRPM 4.1.8.2 “Fulfilling unmet needs”**
- **Temporary Assignment Policy?**

# Policy Reviewed – NRPM 6.5.2

## NRPM 6.5.2 – Initial Allocation (IPv6) to LIRs

### 6.5.2.1. Size

*b. “In no case shall an LIR receive smaller than a /32 unless they specifically request a /36.”*

# Questions for the Community

- Should the IPv6 ISP policy move the minimum allocation size from /36 to /40 in order to accommodate very small ISPs who fit might fit into the xx-small category for IPv6?
  - **ISPs with /22 or less of IPv4 are billed as xx-small; No equivalent fee category for IPv6 ISPs (xx-small is /40 and smaller)**
  - **When these ISPs get a /36, they jump up one fee category to x-small and pay \$500 more per year in fees**
- Another option would be the realignment of the IPv6 fee schedule

# Policy Reviewed – NRPM 4.1.8.2

## NRPM 4.1.8.2 Fulfilling unmet needs

*“As address blocks become available for allocation, ARIN will fulfill requests on a first-approved basis, subject to the size of each available address block and a timely re-validation of the original request. Requests will not be partially filled. **Any requests met through a transfer will be considered fulfilled and removed from the waiting list**”.*

# Question for the Community

- Should this policy apply to 8.2 transfers as well as 8.3 and 8.4 transfers?
  - **Addresses transferred via 8.2 are typically already utilized by the assets also being transferred**
  - **Literal reading of policy text means that 8.2 transfers will remove parties from waiting list**
- If this is not desired outcome by the community, a policy proposal to make policy text more explicit is needed

# Operational Experience – “Temporary Assignments”

- Should there be a **temporary assignment policy** to accommodate conferences and meetings?
  - **ARIN has received requests for temporary address space over the years**
  - **Typically, these requests would be filled by upstream provider space**
  - **With free pool depletion imminent, ISPs may not be able to fulfill these requests, and instead direct these customers to ARIN**

# Potential Approach

- Create new policy that allows orgs to obtain IPv4, IPv6 and ASNs for temporary use (i.e. events which require network connectivity for short periods of time)
  - **Reserve small IPv4 block (/20) for this purpose**
  - **Review as end user assignments**
  - **Must agree to return the space to ARIN within x amount of time (14 days?)**
  - **Require documentation that supports request**

