AC On Docket Report

Dan Alexander/ AC Chair

AC Docket

- One new proposal
  - Prop-232: Integration of Community Networks into existing ISP policy
  - Not on meeting agenda
  - Will be discussed during AC meeting on Friday
- One draft proposal
  - Draft 2016-3: Alternative simplified criteria for justifying small IPv4 transfers
  - On Friday morning agenda
  - Directly related to RDP's 2015-7, 2016-4, and 2016-5

AC Docket

- One draft proposal (continued)
  - The state of Draft 2016-3 relative to the other recommended proposals is procedural and not a reflection on the merits of the proposal

- The goal of the discussions will be to get consensus on good policy
- The draft proposal is not eligible for last call at this time

AC Docket

- Seven recommended draft proposals
  - Thursday morning agenda
    - 2015-2: Modify 8.4 (Inter-RIR Transfers to Specified Recipients) – Discussed Thursday morning
    - 2015-7: Simplified requirements for demonstrated need for IPv4 transfers – Discussed Thursday morning
    - 2016-1: Reserved Pool Transfer Policy
    - 2016-2: Change timeframes for IPv4 requests to 24 months

AC Docket

- Seven recommended draft proposals (continued)
  - Thursday afternoon agenda
    - 2016-4: Transfers for new entrants
    - 2016-5: Post-IPv4-Free-Pool-Depletion Transfer Policy
  - Friday morning agenda
    - 2016-6: Eliminate HD-Ration from NRPM

  - Recommended drafts are eligible for last call after ARIN 38

AC Docket

- We have four proposals that are directly related
- 2015-7, 2016-3, 2016-4, and 2016-5
  – In order to advance, policy must be fair and impartial, technically sound, and supported by the community
  – Each proposal can stand alone as its own change, but they all cannot move forward as a set as they have conflicting approaches to their suggested changes
  – These discussions will help determine what happens with these proposals. Ultimately they will either move forward, be abandoned, or merged to create one or more proposals with aspects preferred by the community

Directly related proposals

Topic	Current Policy
Max Supply Obtainable per Request	24 month supply
Backwards Looking Need Requirement	At least 80% utilization of all current allocations, in aggregate, and at least 50% utilization of each individual allocation
Forward Looking Need Requirement	24 month supply; 50% utilization within one year
Evidence Required	Review utilization of current allocations and demonstrate need to use the requested amount of space within the next 24 months. ARIN requests detailed info on: -Topology -Connectivity services and products -Upstream providers and peers -IP addresses in use in your network current and future -List of logical subnets, etc.

Directly related proposals

Policy Proposal	Problem attempting to solve
2015-7	Demonstrated need requirements from 8.4 were written for free pool allocations and are unnecessarily complicated for transfers Seeks to simplify needs assessment for 8.3 transfers, while allowing corner cases to apply under existing requirements.
2016-3	Demonstrated need requirements from 8.4 were written for free pool allocations and are unnecessarily complicated for transfers
2016-4	New organizations without existing IPv4 space may not always be able to qualify for an initial allocation under NRPM 4.2. End user organizations requiring less a /24 of address space may be unable to acquire space from their upstream ISP, and may instead need to receive a /24 via transfer.
2016-5	Section 4 is not as relevant post-exhaustion. Proposes rewrite of section 8 to: - Separate criteria found in section 4 from the transfer process. - Provide a clear set of criteria that apply across all IPv4 transfers. - Lower thresholds on utilization and future allocation size to negate corner cases enumerated in section 4 - Reduce the complexity of transfers, by applying simpler utilization criteria for current usage, and future allocation sizing.

Directly related proposals

Policy Proposal	Max Supply Obtainable per Transfer
Current Policy	24 months supply
2015-7	Depends on current holdings: must be able to use at least 50% of aggregate v4 addresses (current allocation + transfer request) on operational network within 24 months (can also receive 24 month supply under current requirements)
2016-3	Double amount of current holdings (up to a /16) or demonstrate need for a 24 month supply
2016-4	ARIN's min allocation/assignment size, or 24 month supply
2016-5	4 year supply (2 x 24 month supply)

Directly related proposals

Policy Proposal	Backward Looking Need Requirement
Current Policy	At least 80% utilization of all current allocations, in aggregate, and at least 50% utilization of each individual allocation
2015-7	Utilization of current assignments/allocations + requested transfer must reach 50% within 24 months, or current requirements (80% aggregate, 50% individually)
2016-3	80% utilization of currently allocated space
2016-4	N/A
2016-5	Efficient utilization of at least 50% of cumulative IPv4 address blocks already assigned to them

Directly related proposals

Policy Proposal	Forward Looking Need Requirement
Current Policy	Need for 24 month supply; 50% utilization within one year
2015-7	Utilization of current allocations + requested transfer must reach 50% within 24 months, or need for 24 months' supply
2016-3	Amount of current holdings (up to /16) or need for 24 month supply
2016-4	No change (Need for 24 month supply; 50% utilization within one year)
2016-5	50% utilization of requested block size within 24 months

Directly related proposals

Policy Proposal	Evidence Required
Current Policy	Review utilization of current allocations and demonstrate need to use the requested amount of space within the next 24 months. ARIN requests detailed info on topology, connectivity services and products, upstream providers and peers, IP addresses in use in your network current and future, list of logical subnets, etc.
2015-7	Officer attestation
2016-3	No Change
2016-4	No Change
2016-5	No Change

Table Topics

- There are 4 designated tables during lunch
- Grab a seat to discuss these topics
  - Diversity- How can we expand participation?
  - How are Inter-RIR transfers working?
  - Recommended Drafts 2016-3 and 2016-5
  - Recommended Drafts 2015-7 and 2016-4

Feel free to talk to the AC (Policy Breakout Room)

- Would you like more discussion of these drafts or number policy in general?
  - Space can be made available for small group discussions
  - See me or any other AC member during the meeting

Any questions?