



Recommended Draft Policy

ARIN-2014-17

Change Utilization Requirements from
last-allocation to total-aggregate

2014-17 History

1. Origin: ARIN-prop-209 from May 2014
2. AC Shepherds: Andrew Dul, Owen DeLong
3. Presented at:
 - PPC at NANOG 61
 - PPC at NANOG 62
 - ARIN 34
4. Advanced to Recommended Draft Policy in December 2014
5. Text Online & in Discussion Guide
https://www.arin.net/policy/proposals/2014_17.html

- **Staff Understanding**

- This policy removes the current requirement to have efficiently utilized all previous allocations and assignments, and 80% of the most recent one, and replaces it with the requirement to have efficiently utilized all allocations and assignments in aggregate, to at least 80% overall, with at least a 50% utilization of every allocated or assigned block.

Staff Comments

1. Based on staff experience, the 80% utilization rate of the last block has been periodically problematic for smaller ISPs, but not for medium to larger ISPs. Staff has seen situations where a small ISP with a /22 may need to issue a /24 to a customer but not have any available, not be at 80% utilized, and therefore, not be able to request additional space.
2. This policy could be implemented as written.

Legal Assessment

- The policy does not present material legal issues. Allocation rules to address concerns of small ISP's indicate ARIN's continued attempts to balance the needs of stewardship with the needs of different sectors.

Implementation

- This policy would have minimal resource impact from an implementation aspect. It is estimated that implementation would occur within 3 months after ratification by the ARIN Board of Trustees. The following would be needed in order to implement:
 - Updated guidelines and internal procedures
 - Staff training

Presentation by the AC

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Problem Statement

- Utilization requirements for new requests are being calculated on a per allocation basis rather than in aggregate.
 - For example, if an organization has 4 x /22 and 3 of them are utilized 100% and the fourth utilized at 75%, an additional allocation request would be denied.
 - However, an organization with a single /20 utilized at 80% would have less efficient utilization but would be eligible to receive additional space.
- The current policy causes problems for some organizations trying to obtain additional address blocks.

Policy Statement

- Replace Section 4.2.4.1
 - ISPs must have efficiently utilized all allocations, in aggregate, to at least 80% **and at least 50% of every allocation** in order to receive additional space. This includes all space reassigned to their customers.
- Replace Section 4.3.6.1
 - End-users must have efficiently utilized all assignments, in aggregate, to at least 80% **and at least 50% of every assignment** in order to receive additional space, and must provide ARIN with utilization details.

Changes since ARIN 34

- A requirement for every block to be utilized to at least 50% was added to mitigate staff & legal concerns regarding the possibility the previous draft could allow some larger organizations to obtain additional blocks without utilizing a newer block.

Discussion & Direction

- The shepherds intend to take this policy to last-call following the PPC.
- Do you support this recommended draft policy?
 - If not, why not?