

Proposal 2012-5

Removal of Renumbering
Requirement for Small MultiHomers

Proposal Rationale

The policy has had the unintended effect of freezing out small multi homed end users from being able to return to ARIN for additional assignments. The requirement to renumber out of space is unique and is applying an undue burden of renumbering what would be an organization's core infrastructure.

Policy Text

- Remove the entire subsection 4.3.6.2 “Additional Assignments for Small Multihomers”
- 4.3.6.2 states, “Any end-user that possesses an assignment smaller than a /22 under any part of section 4.3 shall not be able to get an additional assignment unless they agree to return all existing 4.3 assignments which are /23 or smaller within 12 months of receiving a new assignment. The new assignment shall be sized to accommodate their existing utilization in addition to their justified additional growth space under 4.3.6.1. The common cases for this are expected to be a /24 returned after receipt of a /23, or a /23 returned after receipt of a /22

Pros

- Removes an unfair requirement placed on one part of the ARIN community
- Original intent was to preserve routing table slots but in practice small multi homers rarely come back for additional space.
- It's hardly ever used so why penalize this part of the community?

Cons

- Potentially adds routing table slots
- If it's hardly ever used then maybe we're getting the desired effect. (Flood gates may be opened if we remove this restriction)
- Applicants knew when they got space that they would have to re-address if they needed more