2008-5

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2008-5 proposal overview

- When ARIN receives its **last /8** IPv4 allocation from IANA, a **contiguous /10 IPv4** block will be set aside and dedicated to facilitate IPv6 deployment.

- Allocations and assignments from this block must be justified by **immediate IPv6 deployment requirements**.
  - Eg: DS-lite, NAT64, DNS ns servers,…
  - The list is purposely loosely defined: *ARIN staff to evaluate justifications*

Details of allocations/assignments

- Minimum size: /28

- Maximum size: /24

- Subsequent allocation/assignment
  - 6 month delay to get a new one under that policy
  - You may have to renumber

Comments received /1

- Staff comments
  - Would staff issue a 30 day supply of addresses or a 6 month supply?
    - Intend: 6 month supply
  - Should the utilization percentage to get subsequent allocations under this policy be fixed or refer to the utilization requirements of end user assignments
    - Intend: refer, not hardcode
  - Membership isn't currently required to request new resources from ARIN
    - Intend: keep same procedure

Comments received /2

- Should be implemented now, do not wait for the last /8
  - Why not, but back to the question: what will we do with the last /8?
- "Contiguous" reserved block?
  - Need to have simple filters to accept long prefix such as /28
  - A "few" contiguous blocks may do the trick
  - However, finding a contiguous /10 is not difficult

Comments received /3

- Is reserving a /10 big enough?
  - How long will it last?
  - What is the rate of new orgs coming to ARIN?
  - Interaction with transfer policy (if enacted)
    - Will people wait for the exhaustion of the block set aside by 2008-5 to start transferring?

- Should 2008-5 been amended to reserve the full last /8?
  - This is what APNIC did…
  - 2008-5 might be adopted now as is and later been updated to the appropriate size if need be