Policy Proposal 2007-9

Modernization of ISP Immediate Need Policy

Immediate Need Uses

Insourcing of historically outsourced infrastructure (modem banks, LNSes, CMTSes, server farms, etc).

New product or service resulting in new business unit (with new orgid) that has no prior history with ARIN.

Current text of 4.2.1.6

If an ISP has an immediate need for address space, i.e. the need exists the day of the request, ARIN may issue a /20 if the organization, such as a new company, shows justification. However, these cases are exceptional.

Policy Statement

Modify NRPM 4.2.1.6 to read: If an ISP has an immediate need for address space, and can provide justification to show that the address space will be utilized within 30 days of the request, ARIN may issue a block of address space, not larger than a /16 nor smaller than ARIN's customary minimum allocation, to that organization. These cases are exceptional.

Rationale

ARIN staff and ARIN members have identified a few long-standing problems with the Immediate Need policy. This policy proposal attempts to address several concerns.

- The Immediate Need policy only allows ISPs to qualify for a /20 worth of space, when a larger size block may be necessary to provide proper coverage for the proposed project. An example justifying larger space is an MSO for which a /20 is insufficient to put an address block larger than a /29 or /30 on each CMTS in a metropolitan area.

- Conversely, this policy was written before the current multi-homed policy (which allows allocations of /21s and /22s). The Immediate Need policy should allow assignment of smaller blocks of space if those are justified.

- The example used in the Immediate Need policy gives the impression that an immediate need must exist the day of the request. This seems both unfair and unreasonable and should should probably be changed be changed to reflect a realistic timeframe.

Discussion