

Recommended Draft Policy ARIN-2017-10: Repeal of Immediate Need for IPv4 Address Space (NRPM Section 4.2.1.6)

AC Assessment of Conformance with the Principles of Internet Number Resource Policy:

This recommended draft proposal is technically sound and is fair and impartial number policy. The draft policy removes the immediate need policy which is now inoperative as the IPv4 free pool is empty and ARIN does not have the ability to provide space within the 30 day requirement for which this policy was originally intended.

Problem Statement:

Section 4.2.1.6 of the ARIN Numbering Resource Policy Manual (NRPM) provides that an ISP having an immediate need for IPv4 address space that will be utilized within thirty days of a request may obtain a block of IPv4 address space of the size specified in section 4.2.1.6 from ARIN on an exceptional basis. However, as noted in the ARIN 40 Policy Experience Report, since IPv4 exhaustion, obtaining IPv4 addresses in this manner is no longer possible as a practical matter. Instead an ISP must join the waiting list and wait until it reaches the front of the queue to obtain any IPv4 address space, however long that may take. In effect, section 4.2.1.6 is non-operative. Accordingly, its continued presence in the NRPM is misleading and confusing.

Policy Statement:

Section 4.2.1.6 of the NRPM is hereby repealed and section number 4.2.1.6 is hereby retired.

Section 4.3.4 - Remove phrase "Immediate need [4.2.1.6] or"

Section 4.5, Item 7 - Remove phrase "unless the organization can demonstrate additional need using the immediate need criteria (4.2.1.6)"

Comments:

Timetable for Implementation: Immediate

Anything Else: Given the constraints created by the exhaustion of IPv4 addresses, this proposal does not require any changes in the current ARIN practices for the allocation of IPv4 address space.