

# Draft Policy 2023-7: Clarification of NRPM Sections 4.5 and 6.11 Multiple Discrete Networks and the addition of new Section 2.18 Organizational Identifier (Org ID)

Shepherds: Chris Woodfield, Andrew Dul

# Problem Statement

**Current Text**  
17 August 2023

Section 4.5 and 6.11 of the NRPM does not adhere to the style guide used by the remainder of the document. The numbered lists in these two sections also detracts from the readability and usability of the NRPM.

Researching changes being proposed for section 4.5 and 6.11 of the NRPM to better reflect style guide models it was determined by the NRPM working group that a definition of Organizational Identifier (Org ID) should be included in the NRPM to add clarity of the term and unify NRPM references to match the use of the term in other ARIN publications such as ARIN online, the proposed section is 2.18.

# Policy Statement

Current Text (17 August 2023)



## Current:

### 4.5 Multiple Discrete Networks

Organizations with multiple discrete networks desiring to request new or additional address space under a single Organization ID must meet the following criteria:

1. The organization shall be a single entity and not a consortium of smaller independent entities.
2. The organization must have compelling criteria for creating discrete networks. Examples of a discrete network might include:
3. Regulatory restrictions for data transmission,
4. Geographic distance and diversity between networks,
5. Autonomous multihomed discrete networks.

# Policy Statement

Current Text (17 August 2023)



1. The organization must keep detailed records on how it has allocated space to each location, including the date of each allocation.
2. When applying for additional internet address registrations from ARIN, the organization must demonstrate utilization greater than 50% of both the last block allocated and the aggregate sum of all blocks allocated from ARIN to that organization. If an organization is unable to satisfy this 50% minimum utilization criteria, the organization may alternatively qualify for additional internet address registrations by having all unallocated blocks of addresses smaller than ARIN's current minimum allocation size.
3. The organization may not allocate additional address space to a location until each of that location's address blocks are 80% utilized.
4. The organization should notify ARIN at the time of the request their desire to apply this policy to their account.
5. Upon verification that the organization has shown evidence of deployment of the new discrete network site, the new network(s) shall be allocated the minimum allocation size under section 4.2.1.5.

# Policy Statement

Current Text (17 August 2023)



## **Proposed (Replaces existing section):**

### 4.5 Multiple Discrete Networks

Organizations with multiple discrete networks desiring to request a new or additional IP address space allocation under a single Organizational Identifier (Org ID) must meet the following criteria:

The organization shall be a single entity and not a consortium of smaller independent entities and must have compelling criteria for creating discrete networks.

Examples which may result in discrete networks might include:

- Regulatory restrictions for data- transmission;
- Geographic distance and diversity between networks; or
- Autonomous multihomed discrete networks.

# Policy Statement

Current Text (17 August 2023)



## **Proposed (Replaces existing section (cont'd)):**

The organization must keep detailed records on how it has allocated IP addresses to each location, including the date of each allocation. When applying for additional Internet Resource allocations from ARIN, the organization must demonstrate utilization greater than 50% of both the last IP addresses allocated and the aggregate sum of all IP addresses allocated from ARIN to that organization. If an organization is unable to satisfy this 50% minimum utilization criteria, the organization may alternatively qualify for additional internet IP address allocations by having all unallocated IP address blocks smaller than ARIN's current minimum allocation size. The organization may not allocate additional IP address space to a location until each of that location's IP address allocations are 80% utilized. The organization should notify ARIN at the time of the request of their desire to apply this policy to their account. Upon verification that the organization has shown evidence of deployment of the new discrete network site, the new network(s) shall be allocated the minimum allocation size under section 4.2.1.5.

# Policy Statement

Current Text (17 August 2023)



## Current:

### 6.11. IPv6 Multiple Discrete Networks

Organizations with multiple discrete IPv6 networks desiring to request new or additional address space under a single Organization ID must meet the following criteria:

1. The organization shall be a single entity and not a consortium of smaller independent entities.
2. The organization must have compelling criteria for creating discrete networks. Examples of a discrete network might include:
  - Regulatory restrictions for data transmission,
  - Geographic distance and diversity between networks,
  - Autonomous multihomed discrete networks.

# Policy Statement

Current Text (17 August 2023)



3. The organization must keep detailed records on how it has allocated space to each location, including the date of each allocation.
4. The organization should notify ARIN at the time of the request their desire to apply this policy to their account.
5. Requests for additional space:
6. The organization must specify on the application which discrete network(s) the request applies to
7. Each network will be judged against the existing utilization criteria specified in 6.5.2 and 6.5.3 as if it were a separate organization, rather than collectively as would be done for requests outside of this policy.



# Policy Statement

Current Text (17 August 2023)



## **Proposed (Replaces existing section):**

### 6.11. IPv6 Multiple Discrete Networks

Organizations with multiple discrete IPv6 networks desiring to request new or additional IPv6 address allocations under a single Organizational Identifier (Org ID) must meet the following criteria:

The organization shall be a single entity and not a consortium of smaller independent entities. The organization must have compelling criteria for creating discrete networks.

Examples which may result in discrete networks might include:

- Regulatory restrictions for data transmission;
- Geographic distance and diversity between networks; or
- Autonomous multihomed discrete networks.

# Policy Statement

Current Text (17 August 2023)



## **Proposed (Replaces existing section *[continued]*):**

The organization must keep detailed records on how it has allocated IPv6 addresses to each location, including the date of each IPv6 address allocation. The organization should notify ARIN at the time of the request their desire to apply this policy to their account.

Requests for additional space:

- Organization must specify on the application which discrete network(s) the IPv6 address request applies to
- Each network will be judged against the existing utilization criteria specified in 6.5.2 and 6.5.3 as if it were a separate organization, rather than collectively as would be done for requests outside of this policy.

# Policy Statement

Current Text (17 August 2023)



## Proposed (definition):

### Section 2.18 Organizational Identifier (Org ID)

An Organizational Identifier (Org ID) is a record that represents a business, non-profit corporation, or government entity in the ARIN database. An entity must have an Organizational Identifier (Org ID) to request Internet Number Resources.

# History



Action	Date
Proposal	17 August 2023
Draft Policy	26 September 2023

**Draft Policy ARIN-2023-7: Clarification of NRPM Sections 4.5 and 6.11 Multiple Discrete Networks and the addition of new Section 2.18 Organizational Identifier (Org ID)**

# Community Feedback

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- No Public Policy Mailing List (PPML) feedback as of the submission of this slide deck (2 October 2023)
- This was less than a week after the proposal's announcement on PPML, so stay tuned...

## QUESTION(S) FOR THE COMMUNITY



Do you support this rewrite and believe that the updated text provides additional clarity?

Do you believe a definition of the term "Organization Identifier" is necessary and provides additional clarity to the NRPM?

Do you believe both issues above are best addressed in a single policy proposal?

# Thank You



**Questions or Comments?**