

Draft Policy ARIN-2022-12: Direct Assignment Language Update

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History



Action	Date
Proposal	25 July 2022
Draft Policy	23 August 2022
Revised	3 November 2022
Revised	20 March 2023

Current Text (20 March 2023)



- **Problem Statement:**

- As a result of ARIN's fee harmonization, direct assignments are no longer being utilized within ARIN databases, therefore language around that has been deprecated and should be modernized.

Current Text (20 March 2023)



- **Policy Statement:**

- Section 3.6.3:
- Change paragraph 1 text
- **FROM:** "This policy applies to every Organization that has a direct assignment, direct allocation, or AS number from ARIN"
- **TO:** "This policy applies to every Organization that has an allocation or AS number registered with ARIN"
- **RESULT:** "This policy applies to every Organization that has an allocation or AS number registered with ARIN (or one of its predecessor registries) or a reallocation from an upstream ISP"

Current Text (20 March 2023)



- Section 4.2.2:

- Reorganize and adjust text as follows **FROM:**

4.2.2. Initial Allocation to ISPs

All ISP organizations without direct assignments or allocations from ARIN qualify for an initial allocation of up to a /22, subject to ARIN's minimum allocation size.

All ISP organizations without direct allocations, direct assignments, re-allocations or reassignments automatically qualify for a /24. These organizations are exempt from requirements of showing the efficient utilization of previously held IPv4 space.

These organizations may qualify for a larger than a /24 by documenting how the requested allocation will be utilized within the request size specified in 4.2.4.3.

ISPs holding re-allocations and/or reassignments must show the efficient utilization of their resources consistent with the requirements in sections 4.2.3 and 4.2.4.

Current Text (20 March 2023)



TO:

4.2.2. Initial Allocation to ISPs

4.2.2.1 ISPs with existing IPv4 addresses

All ISP organizations without IPv4 allocations registered with ARIN qualify for an initial allocation of up to a /22, subject to ARIN's minimum assignment size.

4.2.2.2 ISPs without existing IPv4 addresses

All ISPs without any IPv4 space automatically qualify for a /24. These organizations are exempt from requirements of showing the efficient utilization of previously held IPv4 space. These organizations may qualify for a larger than a /24 by documenting how the requested allocation will be utilized within the request size specified in 4.2.4.3.

Continued on next slide...

Current Text (20 March 2023)



TO:

4.2.2.3 Qualifying for increased initial assignments

These organizations are exempt from requirements of showing the efficient utilization of previously held IPv4 space. These organizations may qualify for a larger than a /24 by documenting how the requested allocation will be utilized within the request size specified in 4.2.4.3.

ISPs holding re-allocations and/or reassignments must show the efficient utilization of their resources consistent with the requirements in sections 4.2.3 and 4.2.4.

Current Text (20 March 2023)



- **Section 4.3.2:**

- Change paragraph 1 text
- **FROM:** "End-user organizations without direct assignments or allocations from ARIN"
- **TO:** "End-user organizations without IPv4 allocations registered with ARIN"
- **RESULT:** "End-user organizations without IPv4 allocations registered with ARIN qualify for an initial assignment of ARIN's minimum assignment size."

Current Text (20 March 2023)



Section 6.5.8:

Change section title

- **FROM:** "Direct Assignments from ARIN to End-user Organizations"
- **TO:** "End-user Allocations"

Section 8.5.4:

Change section text

- **FROM:** "Organizations without direct assignments or allocations from ARIN"
- **TO:** "Organizations without IPv4 allocations registered with ARIN"
- **RESULT:** "Organizations without IPv4 allocations registered with ARIN qualify for transfer of an initial IPv4 block of ARIN's minimum transfer size."

Current Text (20 March 2023)



Section 8.5.6:

Change section text

- **FROM:** "Organizations with direct assignments or allocations from ARIN..."
- **TO:** "Organizations with IPv4 allocations registered with ARIN..."
- **RESULT:** "Organizations with IPv4 allocations registered with ARIN must have efficiently utilized at least 50% of their cumulative IPv4 address blocks in order to receive additional IPv4 addresses. This includes all IPv4 space reassigned to their customers."
- **Timetable for Implementation:** Immediate

Redlines of changes

Section 3.6.3 change



3.6.3. Organizations Covered by this Policy

This policy applies to every Organization that has a ~~direct assignment, direct allocation,~~ or AS number from ARIN (or one of its predecessor registries) or a reallocation from an upstream ISP. This includes but is not limited to upstream ISPs and their downstream ISP customers (as defined by NRPM 2.5 and 2.6), but not reassignments made to their downstream end user customers.

3.6.3. Organizations Covered by this Policy

This policy applies to every Organization that has **an allocation** or AS number registered with ARIN (or one of its predecessor registries) or a reallocation from an upstream ISP. This includes but is not limited to upstream ISPs and their downstream ISP customers (as defined by NRPM 2.5 and 2.6), but not reassignments made to their downstream end user customers.

Section 4.2.2 change (pp 1)



4.2.2. Initial Allocation to ISPs

All ISP organizations without ~~direct assignments or allocations from~~ ARIN qualify for an initial allocation of up to a /22, subject to ARIN's minimum allocation size.

4.2.2. Initial Allocation to ISPs

4.2.2.1 ISPs with existing IPv4 addresses

All ISP organizations without **IPv4 allocations registered with** ARIN qualify for an initial allocation of up to a /22, subject to ARIN's minimum assignment size.

Section 4.2.2 change (pp 2)



4.2.2. Initial Allocation to ISPs

All ISP organizations without ~~direct allocations, direct assignments, re-allocations or reassignments~~ automatically qualify for a /24. These organizations are exempt from requirements of showing the efficient utilization of previously held IPv4 space. These organizations may qualify for a larger than a /24 by documenting how the requested allocation will be utilized within the request size specified in 4.2.4.3.

4.2.2.2 ISPs without existing IPv4 addresses

All ISPs without **any IPv4 space** automatically qualify for a /24. These organizations are exempt from requirements of showing the efficient utilization of previously held IPv4 space. These organizations may qualify for a larger than a /24 by documenting how the requested allocation will be utilized within the request size specified in 4.2.4.3.

Section 4.2.2 change (pp 3)



4.2.2. Initial Allocation to ISPs

ISPs holding re-allocations and/or reassignments must show the efficient utilization of their resources consistent with the requirements in sections 4.2.3 and 4.2.4.

4.2.2.3 Qualifying for increased initial assignments

These organizations are exempt from requirements of showing the efficient utilization of previously held IPv4 space. These organizations may qualify for a larger than a /24 by documenting how the requested allocation will be utilized within the request size specified in 4.2.4.3.

ISPs holding re-allocations and/or reassignments must show the efficient utilization of their resources consistent with the requirements in sections 4.2.3 and 4.2.4.

Section 4.3.2 change



4.3.2. Minimum Assignment

ARIN's minimum assignment for end-user organizations is a /24.

End-user organizations without ~~direct assignments or allocations from~~ ARIN qualify for an initial assignment of ARIN's minimum assignment size.

4.3.2. Minimum Assignment

ARIN's minimum assignment for end-user organizations is a /24.

End-user organizations without **IPv4 allocations registered with** ARIN qualify for an initial assignment of ARIN's minimum assignment size.

Section 6.5.8 change



~~6.5.8. Direct assignments from ARIN to end-user organizations~~

6.5.8. End-user Allocations

Section 8.5.4 change



8.5.4. Initial Block

Organizations without ~~direct assignments or allocations~~ from ARIN qualify for transfer of an initial IPv4 block of ARIN's minimum transfer size.

8.5.4. Initial Block

Organizations without **IPv4 allocations registered with** ARIN qualify for transfer of an initial IPv4 block of ARIN's minimum transfer size.

Section 8.5.6 change



8.5.6. Efficient Utilization of Previous Blocks

Organizations with ~~direct assignments or allocations from~~ ARIN must have efficiently utilized at least 50% of their cumulative IPv4 address blocks in order to receive additional IPv4 addresses. This includes all IPv4 space reassigned to their customers.

8.5.6. Efficient Utilization of Previous Blocks

Organizations with **IPv4 allocations registered with** ARIN must have efficiently utilized at least 50% of their cumulative IPv4 address blocks in order to receive additional IPv4 addresses. This includes all IPv4 space reassigned to their customers.



Discuss!
Any Questions?

Thank You

