



Understanding the IPv4 Transfer Market & ARIN Transfer Options

A RIN policy now allows organizations that need IPv4 addresses to acquire them from organizations with unused IPv4 addresses. ARIN still encourages organizations with surplus IPv4 address space to return them to ARIN for use by the broader community. However, some organizations may wish to transfer the right to use surplus IPv4 address space to an organization in need that is willing to compensate them for costs associated with renumbering out of that surplus IPv4 address space. While the financial details of these transfers are outside ARIN's purview, both specified transfer parties must meet certain requirements for the specified transfer to be recognized under current ARIN policy. Organizations interested in participating in a specified transfer of this sort can use this guide to learn more about the specified transfer process and how the Specified Transfer Listing Service (STLS) can pre-qualify them for a specified transfer.

Need IPv4 Addresses?

Learn how to:

- Determine whether ARIN has IPv4 address space available and request it directly
- Obtain IPv4 addresses through ARIN's IPv4 Waiting List if it is not immediately available directly from ARIN
- Pre-qualify to obtain unused IPv4 address space from another organization via a specified transfer
- Verify whether an organization is pre-qualified to release IPv4 address space prior to agreeing to a specified transfer

Releasing Unused IPv4 Addresses?

Learn how to:

- Pre-qualify to transfer your unused IPv4 address space
- Verify whether an organization seeking to acquire your unused IPv4 address space is eligible to receive it prior to agreeing to a specified transfer

Brokering IPv4 Transactions?

Learn how to:

- Help potential customers pre-qualify to release or acquire IPv4 address space through ARIN's STLS
- Verify whether a specified transfer will be recognized by ARIN prior to completion
- Assist your customers in having their specified transfer recognized by ARIN



NEED IPv4 Addresses?

Option 1: Get IPv4 Addresses directly from ARIN

Check ARIN's IPv4 Daily Status Report and ARIN's current IPv4 request guidelines to determine whether ARIN has enough free IPv4 address space to provide the block size you qualify for. Requesting IPv4 address space directly from ARIN is generally the fastest and easiest way to obtain them, as it does not require finding another organization with unused IPv4 address space who is willing to release them to you (When you get IPv4 address space direct from ARIN, you pay only the fees on ARIN's standard fee schedule.).

Option 2: ARIN's IPv4 Waiting List

If you submit an IPv4 request to ARIN, and qualify for a certain block size, but ARIN cannot fill it because ARIN does not have a block of that size available, you will be offered the opportunity to specify the smallest block you will accept to fill your three-month need. If a block of that size or larger is available, ARIN will fill your request with the largest block size available. As soon as the block is issued, you will be unable to obtain any additional IPv4 addresses directly from ARIN or via a specified recipient transfer for three months.

If ARIN does not have a block large enough to fill your specified minimum acceptable block size, you may opt to be added to ARIN's IPv4 Waiting List. When IPv4 addresses become available (usually when they are returned to ARIN or revoked because an organization did not pay its annual renewal fees), they may be used to fill requests on the waiting list (oldest first). When you receive IP addresses via the waiting list, you will be removed from the waiting list immediately and become unable to request additional IPv4 addresses directly from ARIN or via a specified recipient transfer for three months.

ARIN is currently able to fulfill all qualifying IPv4 requests, and has not exercised this option to date.



**RELEASE
IPv4
Addresses**

Organizations that want to transfer their unused IPv4 addresses need to verify they are documented by ARIN as the authorized holder of the resources.

The easiest way for an organization to verify it's the authorized holder of IPv4 addresses is via ARIN's STLS. An organization that has unused IPv4 addresses and that would like to release some or all of those addresses to another organization can request STLS Lister access. ARIN will verify the organization is the authorized holder of the IPv4 addresses, and if so, will approve the organization's STLS Lister request. STLS Lister access means the organization is pre-qualified to arrange a transaction that releases IPv4 addresses to another organization.

STLS Listers can then:

- **Arrange a specified transfer through STLS:** STLS Listers have access to contact information for all organizations that have been pre-qualified to receive IPv4 addresses by ARIN. Transactions arranged between STLS participants can be quickly completed through ARIN's specified transfer process since both parties are pre-qualified.
- **Verify a specified transfer arranged outside STLS is pre-qualified:** STLS Listers intending to arrange a specified transfer outside STLS may request that a potential recipient obtain STLS Seeker access from ARIN. This allows the STLS Lister to verify whether each potential bidder is pre-qualified to receive their unused IPv4 address space, thus ensuring the resulting specified transfer can be quickly recognized through ARIN's transfer request process.



TRANSFER OPTIONS

IPv4 address space and Autonomous System Numbers (ASNs) issued by ARIN or its predecessors may only be transferred to another organization under two circumstances:

- An organization acquires the assets that are using IPv4 addresses and/or ASNs in a currently operating network via a merger, acquisition, or similar transaction
- An organization with unused IPv4 address space releases it to a specified recipient who qualifies for it under current ARIN policy

Merger & Acquisition (M&A) Transfers

If your organization acquired assets (such as customers and equipment) from another organization, and those assets are using IP addresses and/or ASNs that are directly registered through ARIN, you may request a transfer of those resources under section 8.2 of ARIN's Number Resource Policy Manual (NRPM). You must provide documentation that shows the asset transfer and utilization information to demonstrate the resources are still justified under current ARIN policy.

Specified Recipient Transfers

If your organization is the authorized registrant of unused IPv4 address space that is directly registered through ARIN, you may release that space to ARIN to be transferred to a specified recipient under section 8.3 of the NRPM. The specified recipient must qualify to receive the IPv4 address space under a current ARIN policy.

To learn more about ARIN transfers, visit:
<https://www.arin.net/resources/transfers/index.html>

Quick Guide To Internet Number Resource Transfers

Overview

1. Create an **ARIN Online account**
2. Create **POC handles** and an **Org ID** for the recipient of the transferred resources
3. Generate an **API key**
4. Fill out and submit the **transfer request template** to **hostmaster@arin.net**
5. An ARIN analyst will work with you via email to gather the information and documentation needed to process your transfer request.
6. ARIN will approve the request if it can verify you meet the applicable requirements
7. When you receive approval for your transfer (whether M&A or specified recipient), ARIN will send you an email with details on paying the \$250 transfer fee and submitting a signed **Registration Services Agreement**.
8. ARIN will complete the transfer 1-2 business days after receipt of your payment and signed RSA.

Transfer Request Requirements

Type of Resource Transfer Request	Criteria for ARIN to Consider Transfer
<p>Transfers Based on Mergers, Acquisitions, and Reorganizations</p>	<ul style="list-style-type: none"> ⇒ ARIN will consider requests for the transfer of number resources in the case of mergers and acquisitions upon receipt of evidence that the new entity has acquired assets that used the transferred resources from the current registrant. Acceptable types of documentation include: <ul style="list-style-type: none"> • An authenticated copy of the instrument(s) affecting the transfer of assets, such as: <ul style="list-style-type: none"> • Asset purchase agreement and bill of sale • Finalized merger or amalgamation agreement filed with a province/state/federal government • Finalized court order • SEC or other public filings that document the transfer of assets • Authenticated documentation showing name change, such as <ul style="list-style-type: none"> • amended articles of incorporation • state/province/federal government verification of name change ⇒ If multiple transactions connect the old and new organizations, documentation will be required for each transaction. You are welcome to redact any financial or otherwise sensitive information. If necessary, ARIN has a standard nondisclosure agreement available. <p>In the event that number resources of the combined organizations are no longer justified under ARIN policy, ARIN will work with the resource holder(s) to return, aggregate, transfer, or reclaim resources as needed to restore compliance via the processes outlined in current ARIN policy.</p>
<p>Transfers of Released Number Resources to Specified Recipients</p>	<ul style="list-style-type: none"> ⇒ ARIN has received verification that the authorized resource holder wishes to release the resources to an organization within the ARIN region, and that the intended recipient has a demonstrated need for the resources based on current ARIN policy ⇒ Requests for transfers under this policy must be submitted by an authorized individual from the registered organization. ⇒ The recipient organization may receive blocks of IPv4 addresses under an 8.3 transfer as long as they can demonstrate the need for the total amount of that space under a current ARIN policy (ISP initial/additional, end-user, multi-homed ISP/end-user, etc). ⇒ The recipient organization may be required to complete a resource request form in order to provide the detailed information needed to verify that they qualify for the number resource under an existing ARIN policy. <p>When completing the request, note that instructions for required fields are provided on the request form. To ensure prompt processing of your request, please follow these instructions exactly. Any errors found may result in the request being returned for correction</p>