

# YOUR PATH TO NETWORK AUTONOMY WITH IPv6



## What is network autonomy?

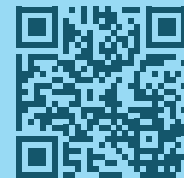
Network autonomy means that your organization directly holds the rights for IP address blocks. They are portable, so you can use them with any ISP you choose.

## First things first...

All resource requests require an ARIN Online account linked to either an Admin or Tech Point of Contact record with the authority to request resources for a valid Organization Identifier (Org ID).

1. Create an ARIN Online account.
2. Create a Point of Contact record in ARIN Online.
3. Create an Org ID in ARIN Online and sign the ARIN Registration Services Agreement.

**Start your IPv6 journey today!**



## Need help?

Call the ARIN Registration Services Help Desk at +1 703-227-0660.

Submit an "Ask ARIN" ticket from your ARIN Online account.

Live Chat with us from your ARIN Online account.

Ask in person at an outreach event  
(Visit [www.arin.net/events](http://www.arin.net/events) for upcoming opportunities.)

## STEP 1

### Request an autonomous system number (ASN)

An ASN is a unique number for your network used for BGP multitasking and participating in a Public Exchange Point.

## STEP 2

### Get IPv6

Because ARIN's free pool of IPv4 addresses has been depleted, you will need to request IPv6 address space for any new networks and plan to transition any existing networks from IPv4 to IPv6.

## STEP 3

### Receive IPv4 addresses to support deployment

Transitioning from IPv4 to IPv6? You're eligible to request IPv4 addresses from ARIN's IPv4 block reserved to facilitate IPv6 deployment.



**DID YOU KNOW:** IPv6 can help your organization grow! IPv6 fees are minimal, and IPv6 provides a much larger address pool so many more devices can be connected to the Internet. It also improves addressing and routing of network traffic.