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**IPV6 DEPLOYMENT INFORMATION AND ARIN  
COMMUNITY PROGRAMS**

**(Document submitted by the American Registry for Internet  
Numbers, ARIN)**

**Impact on the sector:**

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This update is intended to provide participants with ARIN-related information for consideration in their ICTs planning and implementation efforts, especially in regard to IPv6.

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**Executive Summary:**

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This contribution will address the topics of IPv6 deployment information as well as ARIN's Grant and Fellowship programs. Participants are invited to take note of this contribution. ARIN wishes to thank CITEI, Member States, and Associate Members for the opportunity to provide an update on matters relevant to the continuing development of ICTs throughout the region

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**IPv6 Deployment Resources**

The deployment of IPv6 is the protocol essential to the future growth of the Internet. Google reports that over 45% of global Internet traffic connected to its services are over IPv6<sup>1</sup>. Since implementation is well underway throughout the world and IPv6 is key to future growth of the Internet, it is vital that Internet services and applications be available to the entire Internet via both IPv4 and IPv6. This implies providing online services and content over both protocols. For those Member States and Associate Members that already have IPv4 address space from an RIR

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<sup>1</sup> Google IPv6 Adoption Statistics, <https://www.google.com/intl/en/ipv6/statistics.html>, 6 March 2026

such as ARIN, receiving IPv6 address space *may* be available at no additional cost. In some instances, organizations may find they require IPv4 addresses to help transition to IPv6. To that end, one of ARIN's community-developed policies, 4.10 Dedicated IPv4 Block to Facilitate IPv6 Deployment<sup>2</sup>, may be used by organizations to obtain IPv4 address space to specifically support their deployment of IPv6. While most of the RIRs have depleted their IPv4 resources for allocation, IPv4 blocks may have been reserved for IPv6 deployment as a result of one of the many community-established policies. It's worth noting that networks vary in size, even with IPv6, and RIRs offer to assist organizations in effective use.

Considering the outcome of WTDC-25 Resolution 63, specifically the spirit of continuing to promote IPv6 deployment as a means to advance digital transformation, we would like to inform the CITEL family that ARIN publishes IPv6 case studies, network planning information, and training, as well as traffic statistics, on our website. Here is a list of the resources available:

- IPv6 Implementation Case Studies: <https://www.arin.net/blog/ipv6/>
- Business Cases for IPv6 Implementation: <https://www.arin.net/blog/category/Business-Case-for-IPv6/>
- IPv6 network Planning Guide: [https://www.arin.net/reference/training/resources/ipv6\\_networkplan.pdf](https://www.arin.net/reference/training/resources/ipv6_networkplan.pdf)
- IPv6 Address Planning Basics Training: <https://www.arin.net/announcements/20251120/>
- IPv6 Web Usage in the ARIN Region: [https://www.arin.net/reference/research/statistics/ipv6\\_usage/](https://www.arin.net/reference/research/statistics/ipv6_usage/)<sup>3</sup>

## Programs

As an ongoing effort to support capacity building, development of Information and Communication Technologies (ICTs), and foster the continued development of the Internet, particularly in underdeveloped and underserved areas, ARIN offers two programs and encourages Member States and Associate Members to review and consider participation.

### Community Grant Program

The ARIN Community Grant Program provides financial grants in support of initiatives that improve the overall Internet industry and Internet user environment. ARIN awards grants to support qualified operational and research projects that advance ARIN's mission and broadly benefit the Internet community. ARIN has funded 26 projects since the program's launch in 2019. In 2026, the ARIN Community Grant Program has a budget of US\$50,000 to provide

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<sup>2</sup> ARIN Number Resource Policy Manual, 4.10 Dedicated IPv4 Block to Facilitate IPv6 Deployment, <https://www.arin.net/participate/policy/nrpm/#4-10-dedicated-ipv4-allocation-to-facilitate-ipv6-deployment>, 6 March 2026

<sup>3</sup> IPv6 Traffic Statistics are derived from three sources; APNIC Labs - <https://stats.labs.apnic.net/ipv6/>, Facebook - [https://www.facebook.com/ipv6/?tab=ipv6\\_country](https://www.facebook.com/ipv6/?tab=ipv6_country), and Google - <https://www.google.com/intl/en/ipv6/statistics.html>. ARIN extracts IPv6 data from each of these three sites for each country and then averages the data for reporting. In the event that any of these three sources are reporting 0% of IPv6 traffic, it is removed from the average. ARIN extracts this data from these three sites, typically, on a quarterly basis to provide its IPv6 traffic statistics.

funding to successful applicants in varying amounts, between US\$1,000 and US\$20,000, and based on project need. Grants have supported valuable Internet research as well as critical infrastructure deployments, such as Internet Exchange Points (IXPs) in the Caribbean. To be eligible for funding, projects must fit into one or more of the following categories: Internet technical improvements, registry processes and technology improvements, informational outreach, and/or research. Grant recipients are required to provide written reports on project status and outcomes as well as a final written report which is made publicly available. ARIN wishes to highlight this program to those interested; more information is available at <https://arin.net/grants>.

## **Fellowship Program**

Internet governance and number resource policy are powered by community participation. To encourage and foster new voices, policy and governance leadership, and active members within the community, the ARIN Fellowship Program provides a specialized, interactive learning opportunity to individuals interested in these aspects of the Internet and their professional growth in the industry. Fellows have not only contributed to important Internet governance and ARIN policy-related matters, but some have also been elected to both ARIN's Board of Trustees and Advisory Council as well as served in broader roles throughout the industry. A group of Fellows is selected twice a year to participate in the monthlong program before and during an ARIN Public Policy and Members Meeting. Fellows receive an in-depth, expert-guided introduction to the workings of the ARIN organization and Policy Development Process (PDP), along with opportunities for networking and direct participation in the PDP. With the personal support of an ARIN community member mentor, Fellows progress through an engaging and approachable agenda of presentations, discussions, and Q&As with ARIN leadership, including ARIN staff and Advisory Council members. The sessions provide an overview of Internet governance, Internet number resource policy and its development, ARIN services and operations, and the Internet Number Registry System. Fellows can ask questions, get feedback, and gain the knowledge and confidence to join in community discussions, propose new ideas, and become part of the future of Internet governance and policy in the ARIN region. More information regarding the fellowship program can be found at <https://arin.net/fellowships>; ARIN encourages this opportunity to all interested parties in the ARIN service region.

## **About ARIN**

ARIN is responsible for the management and distribution of Internet number resources, such as IP addresses and ASNs, within its service region<sup>4</sup>. ARIN provides services to over 26,000 members. Throughout the ARIN service region, its customers include federal, state, and municipal governments and related agencies, commercial for-profit and nonprofit organizations, educational and health care institutions, public safety organizations, and more. A few of the many services ARIN offers include reverse DNS (Domain Name Services), Resource Public Key

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<sup>4</sup> ARIN serves Anguilla, Antarctica, Antigua and Barbuda, Barbados, Bermuda, Bouvet Island, Canada, Cayman Islands, Dominica, Grenada, Guadeloupe, Heard and McDonald Islands, Jamaica, Martinique, Monserrat, Puerto Rico, Saint Barthelemy, Saint Helena, Saint Kitts and Nevis, Saint Lucia, Saint Pierre and Miquelon, Saint Vincent and the Grenadines, Saint Martin, The Bahamas, Turks and Caicos, Virgin Islands (British and U.S.) and the United States.

Infrastructure (RPKI), Whois and WhoWas, an authenticated Internet Routing Registry, and facilitation of an inclusive, bottom-up Policy Development Process. ARIN is one of five RIRs that cooperate in the provision of global Internet Number Registry Services. Within the Americas and Caribbean, ARIN coordinates with the Latin America and Caribbean Internet Addresses Registry (LACNIC), the Caribbean Telecommunications Union (CTU), the Caribbean Network Operators Group (CaribNOG), the North American Network Operators' Group (NANOG), Caribbean Community (CARICOM), Caribbean Chamber of Commerce (CARICHAM), and the Caribbean Association of National Telecommunications Organizations–CANTO, as well as public safety and law enforcement agencies, by providing speakers, meeting support, and informational outreach. ARIN coordinates the development of fair, impartial, and technically sound policies by the Internet community for the management of number resources. These policies establish the criteria for assignment of number resources and related Internet number administration. Additional information about ARIN can be found at [www.arin.net](http://www.arin.net). In addition to considering this contribution, participants are encouraged to reach out to ARIN for any assistance by contacting Einar Bohlin, Vice President of Government Affairs, at [einarb@arin.net](mailto:einarb@arin.net), and Nate Davis, Senior Government Affairs Analyst, at [ndavis@arin.net](mailto:ndavis@arin.net).