



**ARIN | 41**

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# **Software Development Update**

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# Topics To Be Covered



- Strategic Guidance
- How Work is Prioritized
- Projects Completed Since ARIN 40
- Upcoming & Ongoing Initiatives

# Strategic Guidance



## ***From the 2018-2019 ARIN Strategic Plan:***

*Maintain, develop, and enhance functionality of ARIN services as sought by the users and supported by the membership*

### ***– 2018 Organizational Objectives***

- Support community discussions on ARIN routing registry role in global routing table management, and finalize specifications for ARIN routing registry enhancements
- Support community discussions on Whois evolution and Registration Data Access Protocol (RDAP) support
- Continue to review and enhance online services, including making significant user interface improvements per user feedback and customer survey

# Factors That Influence Priorities



- Legal and regulatory
- Ratified policies
- ARIN Consultation and Suggestion Process (ACSP)
- Board of Trustee initiatives
- Operating plan objectives
- Defects, maintenance, and upgrades
- Mailing list adhoc requests
- Environment changes
- Customer feedback (via feedback button)
- Customer Survey

# Projects Completed Since ARIN 40



- ACSPs
  - ACSP 2017.5 - Add Details to Annual Invoices
  - ACSP 2017.18 - Enhancement of Daily ASN Delegation File
- Improvements to Transfer Performance
- Redesign of Tickets section in ARIN Online: listing, search, and view
- Improved Delete Network and Delete Reassignments

# Projects Completed Since ARIN 40



- Improved Security – ARIN Online requires entering password when changing username, email address, recovery questions, and recovery answers
- Whois Performance Improvements
- Framework for new website (CMSD is only responsible for content)
- Lots of UI work incrementally placed in ARIN Online – Let's take a look

# New Attach Files Form

Old



## Attachments

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### Manage Attached Files

Use the form below to manage file attachments for this request. A maximum of 20 files are allowed and in total, cannot exceed more than 25 MB in size.

Click "Upload" once you have selected a file to attach. Once you have finished attaching all files, click "Return to Form." Click the "X" to remove a file.

**MANAGE FILES**

\*File:  \* denotes required field

**UPLOAD** **RETURN TO FORM**

If this is a request for additional IPv6 addresses for your organization, please attach a subnet mapping of your current usage.

**Attach Files:**   
You may add 20 more files. 25 MB remaining.

For a sample subnet mapping file, visit [Examples: Resource Request Documentation](#).

Learn about our [upload restrictions and acceptable file types](#).

**Previous Step** **Next Step**

New



# New Mergers and Acquisitions Recipient Form

## Mergers and Acquisitions Transfers (NRPM 8.2) - Recipient



Once you are satisfied with your selection(s), select CONTINUE.

### CURRENTLY SELECTED IP ADDRESSES

2001:506:6000::/35	<a href="#">remove</a>
2600:1700::/28	<a href="#">remove</a>
2602:300::/24	<a href="#">remove</a>
23.112.0.0/12	<a href="#">remove</a>
45.16.0.0/12	<a href="#">remove</a>
63.192.0.0/12	<a href="#">remove</a>
64.108.0.0/15	<a href="#">remove</a>
64.123.0.0/16	<a href="#">remove</a>
64.143.0.0/16	<a href="#">remove</a>
64.148.0.0/15	<a href="#">remove</a>
64.160.0.0/12	<a href="#">remove</a>
64.216.0.0/14	<a href="#">remove</a>
64.252.0.0/16	<a href="#">remove</a>
65.42.0.0/15	<a href="#">remove</a>
65.64.0.0/13	<a href="#">remove</a>
66.10.0.0/16	<a href="#">remove</a>
66.72.0.0/15	<a href="#">remove</a>
66.120.0.0/13	<a href="#">remove</a>
66.136.0.0/13	<a href="#">remove</a>
66.159.128.0/18	<a href="#">remove</a>
66.161.0.0/17	<a href="#">remove</a>
67.36.0.0/14	<a href="#">remove</a>
67.64.0.0/14	<a href="#">remove</a>
67.112.0.0/12	<a href="#">remove</a>
68.20.0.0/14	<a href="#">remove</a>
68.72.0.0/13	<a href="#">remove</a>
68.88.0.0/13	<a href="#">remove</a>

## Mergers and Acquisitions Transfers (NRPM 8.2) - Recipient

Warning! The new 8.2. transfer wizard is under construction

Organization **Networks** ASNs Documentation Review

### Currently Selected IP Addresses

IP Address	Net Handle	Org Handle	
2600:1700::/28	NET6-2600-1700-1	SIS-80	<a href="#">Remove</a>
2001:506:6000::/35	NET6-2001-506-6000-1	SIS-80	<a href="#">Remove</a>
2602:300::/24	NET6-2602-300-1	SIS-80	<a href="#">Remove</a>
23.112.0.0/12	NET-23-112-0-0-1	SIS-80	<a href="#">Remove</a>
45.16.0.0/12	NET-45-16-0-0-1	SIS-80	<a href="#">Remove</a>
63.192.0.0/12	NET-63-192-0-0-1	SIS-80	<a href="#">Remove</a>
64.108.0.0/15	NET-64-108-0-0-1	SIS-80	<a href="#">Remove</a>
64.123.0.0/16	NET-64-123-0-0-1	SIS-80	<a href="#">Remove</a>
64.143.0.0/16	NET-64-143-0-0-1	SIS-80	<a href="#">Remove</a>
64.148.0.0/15	NET-64-148-0-0-1	SIS-80	<a href="#">Remove</a>

First Previous **1** 2 3 4 5 6 7 8 9 Next Last

Old

New



# Upcoming & Ongoing Initiatives

- User Experience (UX) Engineering
  - User Accessibility/Responsive Website (ACSP 2016.2 and 2011.21)
  - NANOG, ARIN, and various ARIN on the Roads for user test drives were done
- Internet Routing Registry
  - Open consultation on our plan going on right now through April 25
  - Beginning Development
- RDAP Enhancements
- Continued Efforts on Technical Debt

# Questions?