Projects Awaiting Prioritization

Nate Davis

Planned Functionality

Projects underway or next in queue

- **Hosted RPKI (Planned 2012 Q2 Deployment) -** RPKI is a robust security framework for verifying the association between resource holders and their Internet resources via resource certification. During its initial implementation, ARIN will offer a hosted solution for holders of resources directly from ARIN.
  An RPKI Pilot is currently available to the community.

- **Delegated RPKI (Planned 2012 Q3 Deployment) -** The second phase of RPKI implementation is up/down, where organizations will be able to host their own RPKI system that is linked to ARIN's Delegated RPKI. The ISP can then locally issue certificates to their downstream customers and other RPKI related actions.

- **Managing unmet IPv4 requests (Planned 2012 Q4 Deployment) -** ARIN will release additional internal system improvements for managing unmet IPv4 requests.

- **Payment Integration (Planned 2012 Q3 Deployment) -** ARIN will continue its integration of billing services in ARIN Online by improving existing payment flow for services invoiced

- **SWIP Easy (Planned 2012 Q4 Development) -** ARIN will create a web-based reassignment/ reallocation interface within ARIN Online. This is intended for users who only perform occasional reassignments/reallocations and/or those who manually complete their templates. Users can currently manage reassignments and reallocations via ARIN's RESTful Provisioning (Reg-RWS) system and templates.

Overview

In addition to the planned functionality, ARIN keeps track of community and internal recommendations for new services and improvements. These items await prioritization, planning, and approval before work can commence. ARIN encourages community input on future upgrades and services. Community feedback will be useful for ARIN management to help prioritize future work.

You can view these projects online at:
https://www.arin.net/features/

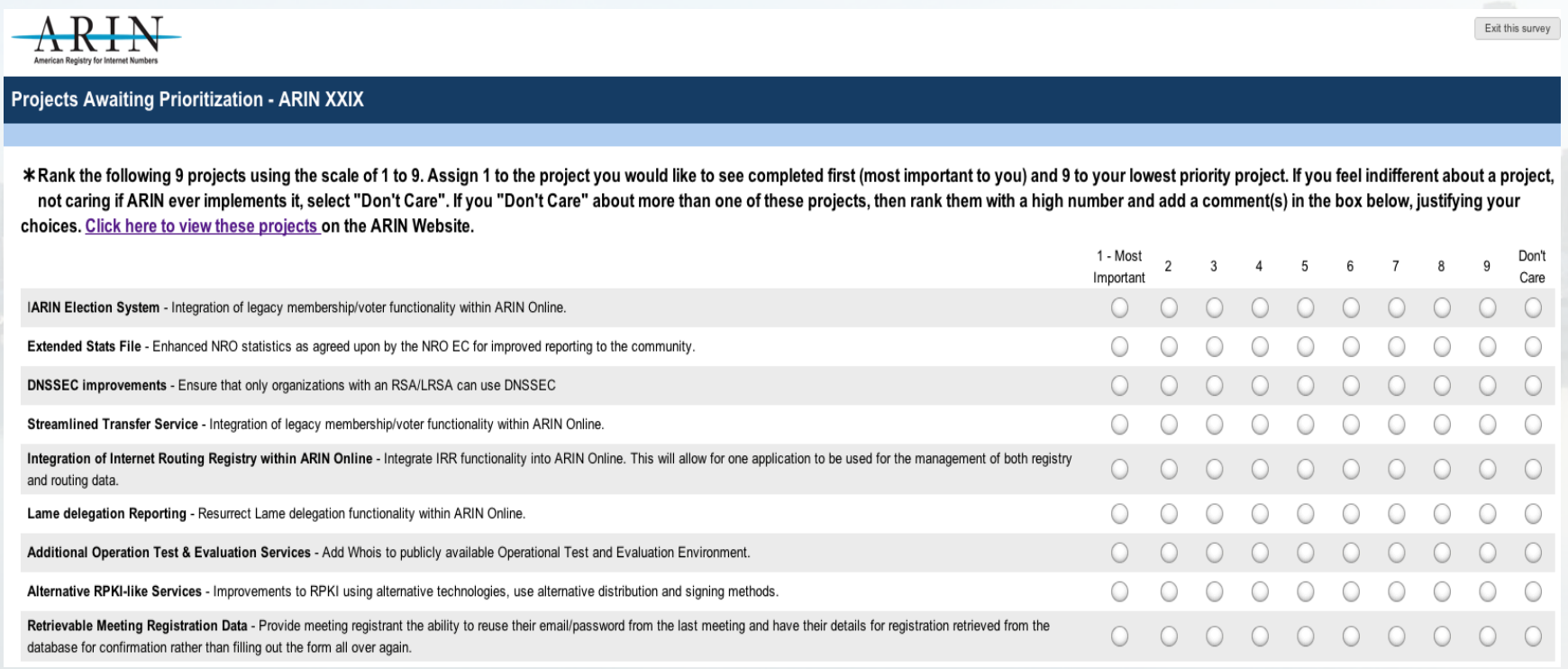
ENGINEERING PROJECTS AWAITING PRIORITIZATION

In addition to the planned functionality, ARIN keeps track of community and internal recommendations for new services and improvements. These items await prioritization, planning, and approval before work can commence. ARIN encourages community input on future upgrades and services. To that end ARIN plans to have a session during each ARIN meeting to go over a list of both planned and unplanned activities. This information gleaned from this community feedback session will be used as feedback for ARIN management to help prioritize future work.

PROJECTS AWAITING PRIORITIZATION

Project Name	Description
Extended Stats File	Enhanced NRO statistics as agreed upon by the NRO EC for improved reporting to the community.
DNSSEC improvements	Ensure that only organizations with an RSA/LRSA can use DNSSEC (dependent on the Resource Classification Project currently in process).
Streamlined Transfer Service	Enable manually processed transfers in ARIN Online.
CMSD membership/voter functionality	Integration of legacy membership/voter functionality within ARIN Online.
Integration of Internet Routing Registry within ARIN Online	Integrate IRR functionality into ARIN Online. This will allow for one application to be used for the management of both registry and routing data.
Lame delegation Reporting	Resurrect Lame delegation functionality within ARIN Online.
Additional Operation Test & Evaluation Services	Add Whois to publicly available Operational Test and Evaluation Environment.
Alternative RPKI-like Services	Improvements to RPKI using alternative technologies, use alternative distribution and signing methods.
Whois-RWS Standards Advancement	Standardize new directory services with ICANN and IETF.
Retrievable Meeting Registration Data	Provide meeting registrant the ability to reuse their email/password from the last meeting and have their details for registration retrieved from the database for confirmation rather than filling out the form all over again.

Offer Your Feedback through our Survey at: https://www.surveymonkey.com/s/ARINFutureProjectsSurvey



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Projects Awaiting Prioritization - ARIN XXIX

*Rank the following 9 projects using the scale of 1 to 9. Assign 1 to the project you would like to see completed first (most important to you) and 9 to your lowest priority project. If you feel indifferent about a project, not caring if ARIN ever implements it, select "Don't Care". If you "Don't Care" about more than one of these projects, then rank them with a high number and add a comment(s) in the box below, justifying your choices. Click here to view these projects on the ARIN Website.

	1 - Most Important	2	3	4	5	6	7	8	9	Don't Care
ARIN Election System - Integration of legacy membership/voter functionality within ARIN Online.	○	○	○	○	○	○	○	○	○	○
Extended Stats File - Enhanced NRO statistics as agreed upon by the NRO EC for improved reporting to the community.	○	○	○	○	○	○	○	○	○	○
DNSSEC improvements - Ensure that only organizations with an RSA/LRSA can use DNSSEC	○	○	○	○	○	○	○	○	○	○
Streamlined Transfer Service - Integration of legacy membership/voter functionality within ARIN Online.	○	○	○	○	○	○	○	○	○	○
Integration of Internet Routing Registry within ARIN Online - Integrate IRR functionality into ARIN Online. This will allow for one application to be used for the management of both registry and routing data.	○	○	○	○	○	○	○	○	○	○
Lame delegation Reporting - Resurrect Lame delegation functionality within ARIN Online.	○	○	○	○	○	○	○	○	○	○
Additional Operation Test & Evaluation Services - Add Whois to publicly available Operational Test and Evaluation Environment.	○	○	○	○	○	○	○	○	○	○
Alternative RPKI-like Services - Improvements to RPKI using alternative technologies, use alternative distribution and signing methods.	○	○	○	○	○	○	○	○	○	○
Retrievable Meeting Registration Data - Provide meeting registrant the ability to reuse their email/password from the last meeting and have their details for registration retrieved from the database for confirmation rather than filling out the form all over again.	○	○	○	○	○	○	○	○	○	○

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Projects Awaiting Prioritization

Extended Stats File	DNSSEC Improvements	Streamlined Transfer Service
CMSD Membership/Voter Functionality	Integration of Internet Routing Registry within ARIN Online	Lame Delegation Reporting
Additional Operation Test & Evaluation Services	Alternative RPKI-like Services	Retrievable Meeting Registration Data

Projects Awaiting Prioritization

- **Extended Stats File** - Enhanced NRO statistics as agreed upon by the NRO EC for improved reporting to the community.

- **DNSSEC Improvements** - Ensure that only organizations with an RSA/LRSA can use DNSSEC (dependent on the Resource Classification Project currently in process).

Projects Awaiting Prioritization

- **Streamlined Transfer Service** - Enable manually processed transfers to (automated) in ARIN Online.

- **CMSD Membership/Voter Functionality** - Integration of legacy membership/voter functionality within ARIN Online.

Projects Awaiting Prioritization

- **Integration of Internet Routing Registry within ARIN Online** – Integrate IRR functionality into ARIN Online. This will allow for one application to be used for the management of both registry and routing data

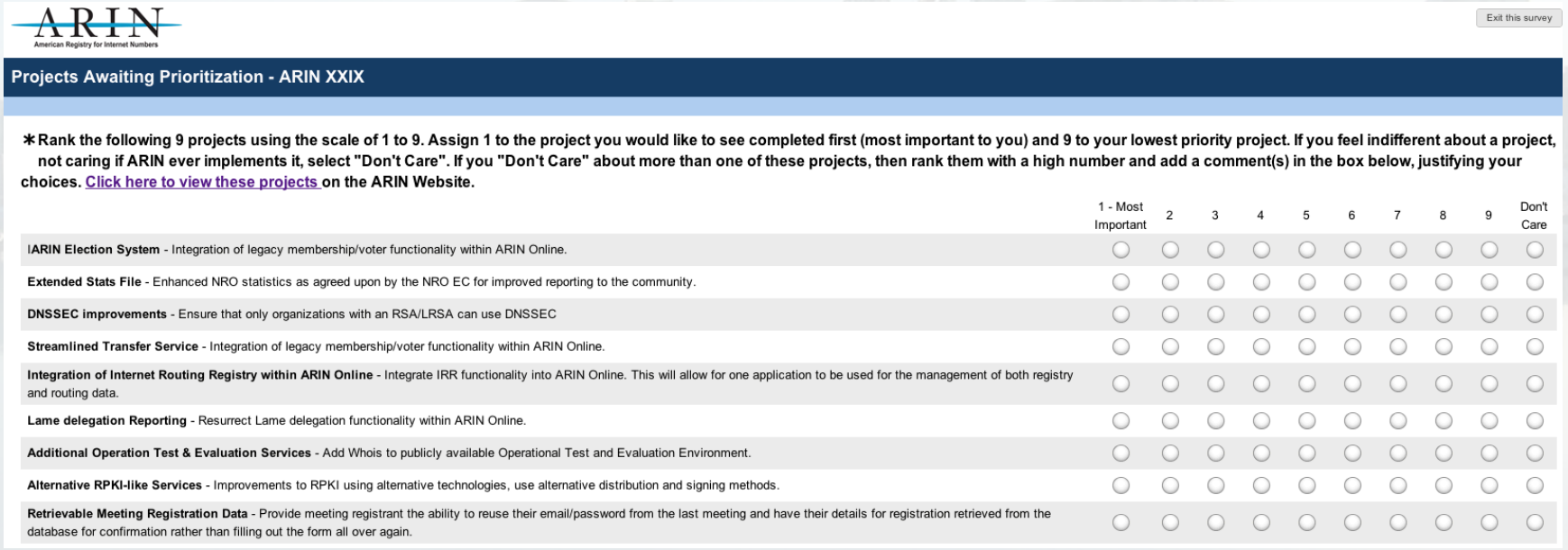
- **Lame Delegation Reporting** – Resurrect Lame delegation functionality within ARIN Online

Projects Awaiting Prioritization

- **Additional Operation Test & Evaluation Services** – Add Whois to publicly available OT&E environment
- **Alternative RPKI-like Services** – Improvement to RPKI using alternative technologies, use alternative distribution and signing methods.
- **Retrievable Meeting Registration Data** - Provide meeting registrant the ability to reuse their email/password from the last meeting and have their details for registration retrieved from the database for confirmation rather than filling out the form all over again.

Remember to Provide Your Feedback through our Survey at:

https://www.surveymonkey.com/s/CQBF53S



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