



System Changes at ARIN

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Modernizing Interactions

- Changes at ARIN
 - Web portal launched in 2008
 - Whois RESTful Web Services (Whois-RWS) in 2010
 - Registration RESTful Web Services (Reg-RWS) in 2011
 - Full DNSSEC in the reverse DNS in 2011
 - RPKI coming soon

ARIN Online: Our Web Portal

- Launched in 2008
 - Now over 38k users
 - Features keep on coming
- As of March 19
 - Manage all your resources
 - Manage your reverse DNS
- Coming soon
 - Change your billing information
 - See your invoices

Whois and Whois-RWS

- Launched July 2010
- New RESTful Web Service
 - Now 40% of our Whois traffic
 - New push by ARIN, RIPE, ICANN and others for IETF standards
- New CIDR query support
 - In both RWS and Port 43
- New RDNS query support

Automated Registration

- Reg-RWS
 - A RESTful Web Service for programmatic registrations/management with ARIN
 - We even have an OT&E environment in which you can play
- Templates needed for automation still work
 - Version 4 and 5 only
 - Version 3 templates are retired
 - Templates get decomposed into RESTful calls behind the scenes
- API-Keys required for Reg-RWS & Templates

Secure Your Reverse

- The reverse DNS can now be fully secured via DNSSEC
- Use ARIN Online to manage your DS records for your delegations
- Management of nameservers and DS records coming soon to Reg-RWS

Secure Your Routing

- Coming soon
 - PGP authentication for ARIN's IRR
 - Resource Certification
 - The Resource Public Key Infrastructure (RPKI)

Questions?

- You can always ask technical questions on ARIN Tech-discuss
 - <http://lists.arin.net/mailman/listinfo/arin-tech-discuss>
- Resources
 - ARIN Online
 - <http://www.arin.net>
 - Whois-RWS
 - <http://whois.arin.net>
 - Reg-RWS
 - <https://www.arin.net/resources/restful-interfaces.html>