

Information Security at ARIN

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Information Security at ARIN Agenda

Overview

Security Update

Compliance Initiatives

Community Communication

Security at ARIN



1. Information/Computer/Cyber/Data Security, Information Assurance...
 - For this discussion, they're all the same.
2. ARIN made security a priority in 2023.
 - Third-party audits and penetration testing.
 - Security control reviews and enhancements.
3. Having dedicated security staff reduces risk.
 - Information Security Manager – welcome Anthony Clark!

Security at ARIN is not new, it's in our DNA.

Security Update



Focusing on basics to enhance security

- Implemented quarterly vulnerability scans
- Required two-factor authentication across internal and external systems
- Annual security audit (penetration test)
- Incident response, continuity, and recovery exercises
- Review and improve controls, policies, & procedures
- InfoSec Training and Phishing Awareness Program

Compliance Initiatives



- U.S. Department of Commerce
- Used to model our security controls



- Systems & Organization Controls
- North America
- Allows focus on products



- Payment Card Industry Data Security Standard
- Applies to companies accepting payment card transactions

SOC 2 Update



- **Scope:** Organizational security & Resource Public Key Infrastructure (RPKI)
- **Type I Audit:** Final report received December 2022
- **Type II Audit:** Ran December 2022 to September 2023, report expected by 31 October

PCI DSS Update



- **Scope:** Organizational security & ARIN Online
- Penetration test results completed in August
- Increased to quarterly vulnerability scanning in 2023
- Questionnaire completed in 2023

Roadmap



Current Roadmap

- RPKI - SOC 2 Type I (2022) Type II (2023)
- ARIN Online - PCI DSS (2023)
- ARIN Online - SOC 2 Type II (as early as 2025)
- Other Services - SOC 2 Type II (as early as 2026)

Community Communication



As we implement enhancements, we'll update ARIN's security page...

And we will continue announcing important milestones through the ARIN Blog and website/ mailing lists

ARIN
American Registry for Internet Numbers

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Information Security at ARIN

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 - Requesting Security Information from ARIN
 - ARIN Personal Data Privacy Principles

ARIN is committed to the security of your data. We have implemented various measures to protect your user account and record information and to ensure that your communication with ARIN is trusted.

Certification

ARIN understands customers' need to verify appropriate security baselines are being met. To meet this need, we pursue industry standard security certifications that attest to our ability to safeguard our systems and data.

Recognizing the global importance of cybersecurity and the value of Service Organization Control (SOC) 2 as a relevant framework to North America and our customer base, ARIN successfully completed the SOC 2 Type 1 audit of its Resource Public Key Infrastructure (RPKI) in December 2022, and is currently working toward SOC 2 Type 2 certification to be completed in late 2023.

Read our [post on the ARIN Blog](#) for more information on our SOC 2 certification.

Security Practices at ARIN

Information security and data protection, which are critical to defending against threats such as fraud, hacking, and phishing attacks, have always been a priority at ARIN. We have dedicated

Information Security at ARIN

- Application Programming Interface (API) Keys
- Two-Factor Authentication (2FA)
- Pretty Good Privacy (PGP) Authentication

Thank You



Questions or Comments?