

Information Security Update

Christian Johnson
Chief Information Security Officer





Information Security at ARIN

Overview

Compliance Initiatives

General Updates

Roadmap Impacts on Security

Overview

Focus on the basics

- Maintain up-to-date, security-minded infrastructure
- Sensitize users to security threats and expectations
- Enhance reporting capabilities
- Enable threat identification
- Remove threats and remediate vulnerabilities

What we're doing

- Building security-conscious architecture, reducing tech debt, ensuring vendor security
- Providing policies and training
- Facilitating easy reporting
- Improving logging, scanning, identification, and remediation
- Conducting regular continuity, recovery, and response drills



Compliance Initiatives

Compliance Initiatives

SOC 2



- RPKI and Organization
- Current cycle: 2024-2025
- Adding ARIN Online in 2026

PCIDSS



- ARIN Online and Organization
- Current cycle: 2024-2025
- New PCI version adopted Jan 2024



General Updates

Updating Security Training

Annual training provided to staff and new hires

- New Learning Management System at ARIN as of 2024
- Updating annual security training content in 2025

Expanded Email Reporting

Automated reporting button in Outlook

- Previously only in Windows
- Expanded to iOS and mobile
- Reporting of suspicious email has since doubled

Security Updates



Internal Response Drills

- Expanded our internal training program in 2024
- Running annual drills on cyber incident response and continuity/recovery
- First responder level

Other Drills

- Failovers and backups are exercised several times each year.

Security Updates





Roadmap Impacts on Security

Roadmap Impacts on Security



Discussion item at a previous member meeting:

ARIN should consider removing outdated services for the sake of our cybersecurity posture...

- Removed outdated Secure Socket Layer (SSL) and Transport Layer Security (TLS) cryptography on public resources.
- Retired use of File Transfer Protocol (FTP).
- Resolution of the above removed a number of vulnerabilities.
- Likewise, our migration to Kubernetes and subsequent data center move will do more of the same.



Communicating With You

Information Security at ARIN

On this page

- » Certification
- » Security Practices at ARIN
- » What We Do to Secure Your Data
 - Security Audits
 - Internal Security Measures
 - Security for External System Users
- » What You Can Do to Secure Your Data
- » More Information
 - Requesting Security Information from ARIN
 - Bug Bounty Inquiries
 - 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 II audit of its Resource Public Key Infrastructure (RPKI) in October 2023. ARIN's SOC 2 compliance demonstrates its ongoing commitment to protecting sensitive customer and organizational data from unauthorized access via its infrastructure, tools, and processes. You may download our SOC 3 report (a publicly releasable version of our SOC 2 report) [here](#).

ARIN takes the security of its customers' critical data and the payment process seriously. We have completed a review with our payment card vendor and verified ARIN Online's compliance with the Payment Card Industry Data Security Standard (PCI DSS). While PCI DSS focuses on the security of the cardholder data environment, there is a tremendous amount of security control validation that must be done across ARIN Online and the entire company to achieve this certification. We are proud to be able to confirm the security of ARIN Online and our customers' financial data.

Read [our post on the ARIN Blog](#) for more information on our SOC 2 and PCI DSS certifications.



Information Security at ARIN

- Application Programming Interface (API) Keys
- Multifactor Authentication (MFA)
- Pretty Good Privacy (PGP) Authentication

Information Security Webpage

- ARIN's information and data security practices
- What we do to secure your data
- What you can do to secure your data
- Link to ARIN's SOC 3 report

Information Requests

What is happening

- Customer requests for ARIN's security information are sent to staff, distribution lists, etc.
- "Can't renew contract until ARIN's security info is provided."
- Many requests are answered by information on the InfoSec at ARIN page

Improving the process

- Direct your requestors to our InfoSec page (or the specific product/service page)
- Our SOC 3 report is publicly available on the page
- Further requests should be submitted as a ticket in ARIN Online



Questions and Comments?
Thank you