

December 4, 2018

The Role of the Secure Telephone Identity Governance Authority (STI-GA)

STI-GA and STI-PA Overview

- The STI-GA ensures the integrity of the issuance, management, security and use of Secure Telephone Identity certificates issued in compliance with the SHAKEN specification.
- The STI-PA applies and enforces the rules as defined by the STI-GA
 - Verifies that a Service Provider (SP) meets the defined criteria for participation in the SHAKEN framework before issuing “Service Provider Code tokens” to the approved SP.
 - Renews the Service Provider Code token as required, after verifying that the SP continues to meet the criteria to participate in the SHAKEN framework. The Service Provider Code token is used for authentication when the SP obtains Secure Telephone Identity (STI) certificates from an approved Secure Telephone Identity Certification Authority (STI-CA).
 - Approves STI-CAs and verifies that the STI-CA meets all requirements of its Certification Practice Statement to assess compliance with the Certificate Policy.
 - Securely maintains a “trusted STI-CA” list and distributes this to all SPs participating in the SHAKEN ecosystem.

Call Authentication Trust Anchor (CATA) Working Group

- In December 2017 the FCC directed the NANC CATA Working Group to recommend a Governance Authority (GA) structure and timeline.
- On May 3, 2018, the CATA Working Group submitted its recommendation to the FCC
 - The STI–GA should be industry driven.
 - Industry representation should be a broad, multi-stakeholder voluntary representation from the U.S. communications service provider sector.
 - The timeline calls for the PA to be in place one year after the proposal is submitted to the Commission.
 - Service providers capable of signing and validating VoIP calls should implement the standard within one year of the report.

STI-GA Update

- On May 11, 2018 the Chief of the Wireline Competition Bureau sent a letter to the NANC indicating support for the CATA Working Group Recommendation.
- The industry groups selected ATIS as the GA and identified members for the STI-GA Board.
- The GA was officially launched on September 18, 2018. and quickly went to work developing an RFP for the Policy Administrator (PA).
- The RFP was issued on November 14, 2018.

Overview of the RFP

- The Secure Telephone Identity Policy Administrator RFP is broken into three sections:
 - The RFP addresses testing, security, service level and other requirements, as well as pricing and contract terms;
 - The Respondent Qualification describes the criteria that must be satisfied by each prospective Respondent; and
 - This includes the Respondent's proposal, information about the Respondent's organizational structure, past performance, financial responsibility and stability, and acceptance of key business terms.
 - The Technical Requirements Document (TRD) describes the technical requirements for a proposal and the STI-PA's required obligations.
 - It is based on the latest ATIS SHAKEN Specifications and other ATIS technical documents (available at <http://www.atis.org/sti-ga/resources/>) as well as other reference documents as currently published and made available to the industry.
- For more information or to view the RFP, please see <http://www.atis.org/sti-ga/rfp/>.

RFP Timeline

- November 15: RFP issued and posted on STI-GA website
- December 10: Deadline to submit RFP questions
- February 4, 2019: Deadline for bidders to submit proposals
- May 2019: Selection of STI-PA by STI-GA

Other STI-GA Work

- The STI-GA Board has established one committee and three task forces.
 - The Technical Committee (TC) has provided significant input into the Technical Requirements Document and other aspects of the RFP.
 - The RFP Task Force, working with the TC, has developed the RFP and has been tasked with evaluating responses and providing input to the STI-GA Board related to the selection of the STI-PA.
 - The Corporate Structure Task Force continues to evaluate the appropriate corporate structure for the STI-GA with a goal of establishing a separate structure by May 2019.
 - The Contribution Recoupment Task Force is examining STI-GA funding issues and the potential recovery of STI-GA Board member startup contributions.