**ATIS/SIP Forum IP-NNI Task Force**

**Virtual Meeting – April 27, 2021 | 10am-12pm ET**

**Meeting Agenda**

**IP-NNI TF Co-Chair:** Martin Dolly, AT&T (md3135@att.com)

**IP-NNI TF Co-Chair:** Chris Wendt, Comcast (chris\_wendt@comcast.com)

# WELCOME & CALL TO ORDER

# INTRODUCTIONS & SIGN IN

# REVIEW & APPROVAL OF AGENDA

# ATIS OP, IPR, ANTITRUST & CONTRIBUTIONS NOTICES *(SEE LAST PAGE)*

# APPROVAL OF PREVIOUS MEETING NOTES

* IPNNI-2021-00047R000, Meeting notes from the April 12, 2021, IP-NNI TF virtual meeting

# REVIEW OF ACTION ITEMS FROM PREVIOUS MEETINGS

* Martin Dolly (AT&T) will coordinate with Jurgen Axell (Ericsson) to solidify work on SIP RPH signing in support of emergency calling.
* Participants will provide misalignments between 3GPP and the IP-NNI TF to Martin Dolly (AT&T) in writing.

# IPNNI TOPIC DISCUSSION

\*Highlighted items were deferred from the IP-NNI TF meeting on April 12, 2021

# PTSC-LB-260, DRAFT PROPOSED ATIS STANDARD, STUDYOF FULL ATTESTATION ALTERNATIVES FOR ENTERPRISES AND BUSINESS ENTITIES WITH MULTI-HOMING AND OTHER ARRANGEMENTS (ATIS-1000089.v002)

* PTSC-2021-00023R000 / IPNNI-2021-00050R000, Closing letter for PTSC-LB-260
* IPNNI-2021-00048R000, ATIS editorial updates
* Neustar comment
* PTSC-2021-00022R000, iconectiv comments

# ATIS-1000074.v002, SIGNATURE-BASED HANDLING OF ASSERTED INFORMATION TOKENS (SHAKEN)

* IPNNI-2021-00021R003, Signature-based Handling of Asserted information toKENs (SHAKEN) (Baseline)

# ROBO-METRICS

* IPNNI-2018-00083R001**,** Robo-Metrics Baseline

# SHAKEN ROADMAP

* IPNNI-2020-00084R003, SHAKEN Roadmap (Baseline)

# BEST CURRENT PRACTICES ON THE PROTECTION OF STIR/SHAKEN DATA BETWEEN SERVICE PROVIDERS AND FROM SERVICE PROVIDERS TO ENTERPRISES

* IPNNI-2019-00055R000, Best Current Practices on the protection of STIR/SHAKEN data between service providers and from service providers to enterprises (Baseline)

# METHODS TO DETERMINE SHAKEN ATTESTATION LEVELS USING ENTERPRISE LEVEL CREDENTIALS AND TELEPHONE NUMBER LETTER OF AUTHORIZATION EXCHANGE

* IPNNI-2020-00035R002, Methods to Determine SHAKEN Attestation Levels Using Enterprise-Level Credentials and Telephone Number Letter of Authorization Exchange (Baseline)

# SIGNATURE-BASED HANDLING OF SIP RPH ASSERTION VERIFICATION TOKEN USE CASES

* IPNNI-2020-00021R003, Updated Baseline Text for Draft ATIS Standard on SIP RPH Signing using PASSporT Tokens (Baseline)

# CENTRAL TN DATABASE APPROACH TO FULL ATTESTATION FOR ENTERPRISES WITH MULTI-HOMING AND/OR MULTI-TENANCY

* IPNNI-2021-00026R001, Central TN Database Approach to Full Attestation for Enterprises with Multi-Homing and/or Multi-Tenancy (Baseline)

# LEVERAGING MODEL FOR ORIGINATING ENTITY AUTHENTICATION – FULL ATTESTATION WITH AN ENTITY IDENTITY IN A SECURE TOKEN (LEMON-TWIST)

* IPNNI-2021-00004R003, LEveraging Model for Originating eNtity Authentication – full aTtestation With an entity Identity in a Secure Token (LEMON TWIST) (Baseline)

# ATIS-1000082.v002, TECHNICAL REPORT ON SHAKEN APIS FOR A CENTRALIZED SIGNING AND SIGNATURE VALIDATION SERVER

* IPNNI-2020-00128R000, ATIS-1000082.v002, Technical Report on SHAKEN APIs for a Centralized Signing and Signature Validation Server (Baseline)

# VOIP INTERCONNECTION OVER THE PUBLIC INTERNET

* IPNNI-2020-00165R000, VoIP Interconnection over the Public Internet

# SHAKEN AUTHORITY MODELS

* IPNNI-2020-00166R000, Signature-based Handling of Asserted information using toKENs (SHAKEN): Authority models

# TECHNICAL REPORT ON GOVERNANCE AND MANAGEMENT CONSIDERATIONS FOR DELEGATE CERTIFICATES

* IPNNI-2021-00015R001, Technical Report on Governance and Management Considerations for Delegate Certificates

# DRAFT ANALYSIS OF SUPPORT OF RFC 8197 (UNWANTED) AND RFC 8688 (REJECTED) IN VOIP NETWORKS

* IPNNI-2021-00027R002, Draft Analysis of Support of RFC 8197 (Unwanted) and RFC 8688 (Rejected) in VoIP Networks (revmarked baseline)
* IPNNI-2021-00052R000, Joint contribution by Google, Microsoft, Telnyx, & Twilio

# ATIS-1000092.v002, SHAKEN DELEGATE CERTIFICATES

* IPNNI-2021-00029R003, Draft baseline for ATIS-1000092.v002, *SHAKEN Delegate Certificates* (baseline)
* IPNNI-2021-00041R000, Security Management Considerations of “TNAuthList by Reference” Proposed Updates to ATIS-1000092
* IPNNI-2021-00045R000, Proposed edits to SHAKEN Delegate Certificates

# ATIS-1000080.v004, SHAKEN GOVERNANCE MODEL & CERTIFICATE MANAGEMENT

* IPNNI-2021-00006R004, Draft baseline for ATIS-1000080.v004, *SHAKEN Governance Model and Certificate Management* (baseline)
* IPNNI-2021-00042R000, Proposed updates to baseline

# OTHER CONTRIBUTIONS

* IPNNI-2021-00037R000, SHAKEN: International Attestation and Certificate Framework
* IPNNI-2021-00043R000, Proposed edits to SHAKEN: International Attestation and Certificate Framework
* IPNNI-2021-00044R000, Proposed updates to ATIS-1000085.v002, *Signature-based Handling of Asserted information using toKENs (SHAKEN): SHAKEN Support of “div” PASSporT*
* IPNNI-2021-00046R000, Impacts of certificate profile changes
* IPNNI-2021-00053R000, SHAKEN: Enterprise Identity and Telephone Number (TN) allocation utilizing Distributed Ledger Technology for Originating Service Provider (OSP) Attestation

# REVIEW OF ISSUE STATUS/TARGET RESOLUTION DATES

* IPNNI-2021-00018R003, *IP-NNI Document Tracker*
* IPNNI-2020-00003R002, *SHAKEN for Public Safety Tracking Document*

# FUTURE WORK/ASSIGNMENTS/MEETINGS

Virtual meetings:

* TBD
* PTSC: May 11-13, specific times TBD

# ANY OTHER BUSINESS

# ADJOURNMENT

**ATIS OP, IPR, Antitrust & Contributions Notices**

***ATIS Procedures:*** *ATIS Forum and Committee activities must adhere to the* [*ATIS Operating Procedures (OP) for ATIS Forums and Committees*](https://www.atis.org/01_legal/docs/OP.pdf)*.*

***Intellectual Property Rights (IPR):*** *In connection with the development of an ATIS deliverable that requires use of patented inventions, the ANSI Patent Policy as adopted by ATIS and as set forth in Section 10.4 of the OP shall apply. Under this policy:*

* *Disclosure of relevant patented inventions at the earliest possible time is encouraged.*
* *Neither the Forum or Committee nor its leaders can ensure the accuracy or completeness of any disclosure, investigate the validity or existence of a patent, or determine whether a patent is essential to the use of an ATIS deliverable.*
* *The discussion of licensing terms is prohibited in ATIS Forums and Committees.*
* *Patent disclosure and assurance statements consistent with the ATIS OP must be submitted in writing to the ATIS General Counsel.*

***Antitrust:*** *Attendees are reminded that participation in industry fora involves the potential for antitrust concerns or risks. To avoid such concerns/risks, participants should carefully observe the OP. Sensitive discussion topics such as price, costs, specific contractual terms, etc., should be avoided.*

***Contributions:*** *In order for ATIS to facilitate, promote, and disseminate its work, each contributor must grant ATIS the rights necessary to adapt, copy, and publicly distribute any contribution or submittal. Each contribution or document therefore is subject to unlimited perpetual, non-exclusive, royalty-free, world-wide rights, and license to ATIS of any copyrights in such a contribution. As a general rule, ATIS will not consider any contribution, presentation, or other input that is subject to any requirement of confidentiality or any restriction on its dissemination.*

***Questions:*** *If there are any questions, comments, or concerns, participants should contact their company's legal counsel, the Committee leadership, ATIS staff, or ATIS legal counsel.*