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

**Virtual Meeting – November 10, 2020 | 2-4pm ET**

**November 11, 2020 | 11am-3pm ET**

**November 12, 2020 | 11am-3pm 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-2020-00159R000, Meeting notes from the September 29, 2020, IP-NNI TF virtual meeting

# REVIEW OF ACTION ITEMS FROM PREVIOUS MEETINGS

* Martin Dolly (AT&T), Terry Reese (Ericsson), Chris Wendt (Comcast), Robert Dianda (Charter), Greg Schumacher (T-Mobile), and Jim McEachern (ATIS) will work on a proposal on STIR/SHAKEN for emergency networks to bring to IP-NNI.
* 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

# PTSC-LB-255, DRAFT PROPOSED ATIS STANDARD, TOLL-FREE CALLS IN THE SHAKEN FRAMEWORK - Wednesday

* PTSC-2020-00136R000 / IPNNI-2020-00158R000, Closing letter for PTSC-LB-255
* PTSC-2020-00144R000 / IPNNI-2020-00162R000, Toll-Free baseline with LB comments incorporated
* T-Mobile comments
* PTSC-2020-00130R000 / IPNNI-2020-00156R000, Charter comments
* PTSC-2020-00131R000, iconectiv comments
* PTSC-2020-00132R000, AT&T comments
* PTSC-2020-00133R000, Neustar comments
* PTSC-2020-00134R000, Verizon comments
* PTSC-2020-00135R000, Inteliquent comments
* CenturyLink comments

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

* IPNNI-2020-00008R013, Signature-based Handling of Asserted information toKENs (SHAKEN) (Baseline)
* IPNNI-2020-00008R014, Signature-based Handling of Asserted information toKENs (SHAKEN) (revmarked)
* IPNNI-2020-00008R015, Signature-based Handling of Asserted information toKENs (SHAKEN) (clean)
* IPNNI-2020-00157R001, Proposed changes to ATIS-1000074.v002 baseline

# ROBO-METRICS

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

# SHAKEN ROADMAP

* IPNNI-2020-00084R003, SHAKEN Roadmap (Baseline)
* IPNNI-2020-00164R000, Proposed updates to SHAKEN Roadmap baseline

# SHAKEN CALLING NAME AND RICH CALL DATA HANDLING PROCEDURES

* IPNNI-2020-00025R007, SHAKEN Calling Name and Rich Call Data Handling Procedures (Baseline)
* IPNNI-2020-00167R000, Proposed update to 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 USING TOKENS

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

# SIP RPH AND PRIORITY HEADER SIGNING IN SUPPORT OF EMERGENCY CALLING

* IPNNI-2020-00010R011, Session Initiation Protocol (SIP) Resource-Priority Header (RPH) Signing in Support of Emergency Calling (Baseline)
* IPNNI-2020-00161R000, Proposed Updates to the Baseline on SIP RPH Signing for Emergency Calling to Align with Associated Internet Draft

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

* IPNNI-2020-00023R000, 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-2020-00026R002, Leveraging Model for Originating eNtity authentication – full aTtestation With an entity Identity in a Secure Token (LEMON-TWIST) (Baseline)
* IPNNI-2020-00163R000, Proposed updates to Lemon Twist solution proposal

# SHAKEN: OUT-OF-BAND TOKEN TRANSMISSION

* IPNNI-2020-00058R006, Signature-based Handling of Asserted information using toKENs (SHAKEN): Out-of-Band Token Transmission (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)

# ATIS-1000089.v002, STUDY OF FULL ATTESTATION ALTERNATIVES FOR ENTERPRISES AND BUSINESS ENTITIES WITH MULTI-HOMING AND OTHER ARRANGEMENTS

* IPNNI-2020-00154R002, Revision to ATIS-1000089, Study of Full Attestation Alternatives for Enterprises and Business Entities with Multi-Homing and Other Arrangements (Baseline)
* IPNNI-2020-00154R003, Revision to ATIS-1000089, Study of Full Attestation Alternatives for Enterprises and Business Entities with Multi-Homing and Other Arrangements – **Wednesday**

# OTHER CONTRIBUTIONS

* IPNNI-2020-00165R000, VoIP Interconnection over the Public Internet
* IPNNI-2020-00166R000, Signature-based Handling of Asserted information using toKENs (SHAKEN): Authority models

# REVIEW OF ISSUE STATUS/TARGET RESOLUTION DATES

* IPNNI-2020-00030R012, *IP-NNI Document Tracker*
* IPNNI-2020-00003R002, *SHAKEN for Public Safety Tracking Document*

# FUTURE WORK/ASSIGNMENTS/MEETINGS

Virtual meetings:

* Interim:
  + TBD
* Q4:
  + IP-NNI TF: Wednesday, November 11, 11am-3pm ET
  + IP-NNI TF: Thursday, November 12, 11am-3pm ET

# ANY OTHER BUSINESS

* AWS Action Item tracking functionality

# 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.*