**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

* PTSC-2020-00136R000 / IPNNI-2020-00158R000, Closing letter for PTSC-LB-255
* 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
* PTSC-2020-00144R000 / IPNNI-2020-00162R000, Toll-Free baseline with LB comments incorporated

# 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)

# 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) - **Wednesday**

# OTHER CONTRIBUTIONS

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

# 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

# ADJOURNMENT

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