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

**Virtual Meeting – January 19, 2021 | 2-4pm ET**

**January 20, 2021 | 11am-3pm ET**

**January 21, 2021 | 11am-2pm 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-2020-00169R000, Meeting notes from the November 10-12, 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.
* Martin Dolly (AT&T) will bring in a contribution towards the Calling Name and Rich Call Data baseline (IPNNI-2020-00025R007) with a disclaimer differentiating between service and delivery mechanism.

# IPNNI TOPIC DISCUSSION

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

* IPNNI-2020-00008R015, Signature-based Handling of Asserted information toKENs (SHAKEN) (Baseline)
* IPNNI-2020-00008R016, Signature-based Handling of Asserted information toKENs (SHAKEN) (revmarked)
* IPNNI-2020-00008R017, Signature-based Handling of Asserted information toKENs (SHAKEN) (clean)
* IPNNI-2021-00005R000, Proposed changes to ATIS-1000074.v002: changing SPID to SPC
* IPNNI-2021-00007R000, IPNNI-2021-00007R000, Proposed modifications to the text in clause 5.3.4 of ATIS-1000074 v002 (SHAKEN) on Call Validation Treatment (CVT) handling of National Security / Emergency Preparedness Priority Service (NS/EP PS) calls

# ROBO-METRICS

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

# SHAKEN ROADMAP

* IPNNI-2020-00084R003, 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-2020-00025R008, SHAKEN Calling Name and Rich Call Data Handling Procedures (revmarked)
* IPNNI-2020-00025R009, SHAKEN Calling Name and Rich Call Data Handling Procedures (clean)
* IPNNI-2021-00013R000, SHAKEN Calling Name and Rich Call Data Handling Procedures (clean)
* IPNNI-2020-00170R000, Letter ballot prep baseline clean-up
* IPNNI-2021-00014R000, LB prep review baseline clean-up

# 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-2020-00010R012, Session Initiation Protocol (SIP) Resource-Priority Header (RPH) Signing in Support of Emergency Calling (revmarked)
* IPNNI-2020-00010R0113, Session Initiation Protocol (SIP) Resource-Priority Header (RPH) Signing in Support of Emergency Calling (clean)
* IPNNI-2021-00003R000, Proposed Updates to the Baseline on SIP RPH and Priority Header Signing in Support of Emergency Services

# 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-2021-00004R000, LEveraging Model for Originating eNtity Authentication – full aTtestation With an entity Identity in a Secure Token (LEMON TWIST) (revmarked)
* IPNNI-2021-00004R001, LEveraging Model for Originating eNtity Authentication – full aTtestation With an entity Identity in a Secure Token (LEMON TWIST) (clean)
* IPNNI-2021-00012R000, Proposed updates to Lemon-Twist baseline

# 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-2020-00154R004, Revision to ATIS-1000089, Study of Full Attestation Alternatives for Enterprises and Business Entities with Multi-Homing and Other Arrangements (Baseline)
* IPNNI-2021-00002R000, Revision to ATIS-1000089, Study of Full Attestation Alternatives for Enterprises and Business Entities with Multi-Homing and Other Arrangements (clean)

# 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

# ATIS-1000080.v003, SHAKEN GOVERNANCE MODEL AND CERTIFICATE MANAGEMENT

* IPNNI-2021-00006R000, ATIS-1000080.v003, SHAKEN Governance Model and Certificate Management

# OTHER CONTRIBUTIONS

* IPNNI-2021-00008R000, Discussion of New Verstat Values
* IPNNI-2021-00010R000, NIPCA TF Update
* IPNNI-2021-00009R000, FCC 20-187: Fourth Report & Order
* IPNNI-2021-00011R000, RFCs referenced in FCC 20-187

# REVIEW OF ISSUE STATUS/TARGET RESOLUTION DATES

* IPNNI-2020-00030R013, *IP-NNI Document Tracker*
* IPNNI-2020-00003R002, *SHAKEN for Public Safety Tracking Document*

# FUTURE WORK/ASSIGNMENTS/MEETINGS

Virtual meetings:

* Interim:
	+ TBD
* 1Q2021: 19-21 January 2021
	+ IP-NNI TF: Wednesday, 20 January, 11am-3pm ET
	+ IP-NNI TF: Thursday, 21 January, 11am-2pm ET
	+ STI-GA webinar: Thursday, January 21, 2pm ET
* PTSC: TBD

# ANY OTHER BUSINESS

* AWS Action Item tracking functionality

# ADJOURNMENT

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