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

**Virtual Meeting – August 12-13, 2020 | 9am-2:30pm 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-2020-00118R000, Meeting notes from the June 30, 2020, IP-NNI TF virtual meeting
* IPNNI-2020-00119R000, Meeting notes from the July 13, 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-251, draft proposed ATIS Standard, Signature-based Handling of Asserted information using toKENs (SHAKEN): SHAKEN Support of “div” PASSporT

* PTSC-2020-00094R000, Closing letter for PTSC-LB-251
* PTSC-2020-00088R000, Neustar comments
* PTSC-2020-00089R000, Charter comments
* PTSC-2020-00091R000, Inteliquent comments
* PTSC-2020-00092R000, Perspecta Labs comments

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

* IPNNI-2020-00008R009, Signature-based Handling of Asserted information toKENs (SHAKEN) (Baseline)
* IPNNI-2020-00008R010, Signature-based Handling of Asserted information toKENs (SHAKEN) (revmarked)
* IPNNI-2020-00008R011, 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)

# 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 SIGNING IN SUPPORT OF EMERGENCY CALLING

* IPNNI-2020-00010R007, Session Initiation Protocol (SIP) Resource-Priority Header (RPH) Signing in Support of Emergency Calling (Baseline)
* IPNNI-2020-00010R008, Session Initiation Protocol (SIP) Resource-Priority Header (RPH) Signing in Support of Emergency Calling (revmarked)
* IPNNI-2020-00010R009, Session Initiation Protocol (SIP) Resource-Priority Header (RPH) Signing in Support of Emergency Calling (Baseline)
* IPNNI-2020-00126R000, SIP RPH and Priority Header Signing in Support of Emergency Calling
* IPNNI-2020-00010R010, Session Initiation Protocol (SIP) Resource-Priority Header (RPH) Signing in Support of Emergency Calling (revmarked)
* IPNNI-2020-00010R011, Session Initiation Protocol (SIP) Resource-Priority Header (RPH) Signing in Support of Emergency Calling (clean)

# 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)

# SHAKEN: OUT-OF-BAND TOKEN TRANSMISSION

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

# TOLL-FREE CALLS IN THE SHAKEN FRAMEWORK

* IPNNI-2020-00092R005, ATIS Standard on Toll-Free Calls in the SHAKEN Framework (Baseline)
* IPNNI-2020-00123R000, ATIS Standard on Toll-Free Calls in the SHAKEN Framework
* IPNNI-2020-00124R000, ATIS Standard on Toll-Free Calls in the SHAKEN Framework (clean)
* IPNNI-2020-00092R006, ATIS Standard on Toll-Free Calls in the SHAKEN Framework (revmarked)
* IPNNI-2020-00092R007, ATIS Standard on Toll-Free Calls in the SHAKEN Framework (Baseline)
* IPNNI-2020-00129R000, Proposed changes to Toll-Free baseline

# ENTERPRISE IDENTITY ATTESTATION USING DISTRIBUTED LEDGER TECHNOLOGY

* IPNNI-2020-00121R000, Presentation on Enterprise Identity Network on Distributed Ledger Technology
* IPNNI-2020-00122R000, SHAKEN: Enterprise Identity and TN allocation utilizing Distributed Ledger Technology for OSP Attestation, Technical Report (Initial Draft)

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

* IPNNI-2020-00127R000, 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)

# OTHER CONTRIBUTIONS

* IPNNI-2020-00115R001, Proposed Additions to Verstat Values In Support of RPH Signing
* IPNNI-2020-00125R000, ‘Verstat’ Values In Support of SIP Priority Header Signing

# REVIEW OF ISSUE STATUS/TARGET RESOLUTION DATES

* IPNNI-2020-00030R009, *IP-NNI Document Tracker*
* IPNNI-2020-00003R002, *SHAKEN for Public Safety Tracking Document*

# FUTURE WORK/ASSIGNMENTS/MEETINGS

Virtual meetings:

* Interim:
  + Monday, August 31, 10am-2pm ET
* Q4: TBD
  + Week of November 9
  + Week of November 16

Face-to-Face meetings:

* TBD

# ANY OTHER BUSINESS

# ADJOURNMENT

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

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