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

**Virtual Meeting – March 30, 2020**

**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-2020-00055R000, *Meeting notes from the March 10, 2020, IP-NNI TF virtual meeting*

# REVIEW OF ACTION ITEMS FROM PREVIOUS MEETINGS

* Mary Barnes (Realtime Communications) will update the SHAKEN Roadmap baseline, IPNNI-2019-00038R003, incorporating the updates contained in IPNNI-2019-00140R000.
* Mary Barnes (Realtime Communications) will update the references to the IP-NNI overview documents in Sections 5.5 and 5.6 of IPNNI-2019-00140R001.
* Participants should consider whether any changes are necessary for IPNNI-2019-00152R001, *SHAKEN Support of “div” PASSporT,* before it can go to letter ballot at the February 19, 2020 virtual meeting.
* Participants should review IPNNI-2020-00027R001, *Propose Changes for Draft ATIS Standard on SIP RPH Signing using PASSporT Tokens*, in detail and prepare any comments for the next iteration of this document.
* ChrisWendt (Comcast) and David Hancock (Comcast)will generate a high-level summary of the Object Identifier (OID) specification issue, including international aspects, economic aspects, and PKI.
* *(Closed)* David Hancock (Comcast)will write up a brief summary detailing the discussion and thought process behind the decision to use request header/URI rather than the verification header for the virtual meeting on March 10, 2020. Mr. Hancock will also check whether Martin Dolly (AT&T) or Jorgen Axell (Ericsson) have submitted anything to 3GPP regarding the document misalignment.
* *(Closed)* James Hamlin (Purple & ZVRS) will create a contribution against the baseline for ATIS-1000074, IPNNI-2020-00008R004.

# IPNNI TOPIC DISCUSSION

# PTSC-LB-248, draft proposed ATIS Technical Report, Study of Full Attestation Alternatives for Enterprises and Business Entities with Multi-Homing and Other Arrangements

* IPNNI-2020-00059R000, Compiled comments
* IPNNI-2020-00061R000, Clarifications on LEMON-TWIST
* IPNNI-2020-00062R001, Revised baseline with comments and proposed changes
* IPNNI-2020-00060R000, Revised baseline with comments
* IPNNI-2020-00051R000 / PTSC-2020-00031R000, Charter comments
* IPNNI-2020-00056R000, Comcast comments
* PTSC-2020-00035R000, Neustar comments

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

* IPNNI-2020-00008R004, Signature-based Handling of Asserted information toKENs (SHAKEN) (revmarked)
* IPNNI-2020-00008R005, Signature-based Handling of Asserted information toKENs (SHAKEN) (Baseline)

# VERIFICATION TOKEN USE CASES

* IPNNI-2017-00020R000, Verification Token Use Cases Baseline

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

* IPNNI-2020-00015R003, ATIS-1000080.v003, SHAKEN Governance Model and Certificate Management (revmarked)
* IPNNI-2020-00015R004, ATIS-1000080.v003, SHAKEN Governance Model and Certificate Management (clean)
* IPNNI-2020-00063R000, Resolving Editor’s note in ATIS-1000080.v003
* IPNNI-2020-00064R000, Proposed baseline for ATIS-1000080.v003, SHAKEN Governance Model and Certificate Management

# ATIS-1000084.v002, TECHNICAL REPORT ON OPERATIONAL AND MANAGEMENT CONSIDERATIONS FOR SHAKEN STI CERTIFICATION AUTHORITIES AND POLICY ADMINISTRATORS

* IPNNI-2020-00017R001, Proposed updates to ATIS-1000084.v002 (Baseline)

# ROBO-METRICS

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

# SHAKEN ROADMAP

* IPNNI-2018-00038R003, SHAKEN Roadmap Baseline

# ATIS-1000085.v002, SHAKEN SUPPORT OF “DIV” PASSPORT TOKEN

* IPNNI-2020-00045R000, SHAKEN Support of “div” PASSporT (Baseline)

# SHAKEN DELEGATE CERTIFICATES

* IPNNI-2020-00022R004, Document describing delegate certificate framework for SHAKEN (revmarked)
* IPNNI-2020-00022R005, Document describing delegate certificate framework for SHAKEN (clean)
* IPNNI-2020-00065R000, Proposed baseline for SHAKEN Delegate Certificates

# SHAKEN CALLING NAME AND RICH CALL DATA HANDLING PROCEDURES

* IPNNI-2020-00025R002, Proposed updates to SHAKEN Calling Name and Rich Call Data Handling Procedures (revmarked)
* IPNNI-2020-00025R003, Proposed updates to SHAKEN Calling Name and Rich Call Data Handling Procedures (clean)

# 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-2020-00035R000, 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-2020-00021R002, Updated Baseline Text for Draft ATIS Standard on SIP RPH Signing using PASSPorT Tokens (revmarked)
* IPNNI-2020-00021R003, Updated Baseline Text for Draft ATIS Standard on SIP RPH Signing using PASSPorT Tokens (clean)

# SIP RPH SIGNING IN SUPPORT OF EMERGENCY CALLING

* IPNNI-2020-00010R002, Session Initiation Protocol (SIP) Resource-Priority Header (RPH) Signing in Support of Emergency Calling (revmarked)
* IPNNI-2020-00010R003, Session Initiation Protocol (SIP) Resource-Priority Header (RPH) Signing in Support of Emergency Calling (clean)

# MECHANISM FOR INTERNATIONAL SIGNATURE-BASED HANDLING OF ASSERTED INFORMATION USING TOKENS (SHAKEN)

* IPNNI-2020-00032R001, Mechanism for International Signature-based Handling of Asserted information using toKENs (SHAKEN) [revmarked]
* IPNNI-2020-00032R002, Mechanism for International Signature-based Handling of Asserted information using toKENs (SHAKEN) [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

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

* IPNNI-2020-00026R000, Leveraging Model for Originating eNtity authentication – full aTtestation With an entity Identity in a Secure Token (LEMON-TWIST)
* IPNNI-2020-00066R000, Proposed baseline for LEMON-TWIST

# OTHER CONTRIBUTIONS

* Out-of-Band (OOB)
* IPNNI-2020-00058R000, Signature-based Handling of Asserted information using toKENs (SHAKEN): Out-of-Band Token Transmission

# REVIEW OF ISSUE STATUS/TARGET RESOLUTION DATES

* IPNNI-2020-00030R002, *IP-NNI Document Tracker*
* IPNNI-2020-00003R001, *SHAKEN Progress Tracker*

# FUTURE WORK/ASSIGNMENTS/MEETINGS

Virtual meetings:

As AMOC has been cancelled, the following joint meetings will be rescheduled:

* Company code reclamation [PTSC, INC, NGIIF, TMOC]
* 911/SHAKEN [IP-NNI TF, ESIF, WTSC]

Face-to-Face meetings:

* Q3: Week of August 10 – **Denver, CO** / Philadelphia, PA / Seattle, WA
* Q4: Reston, VA [TNS]

# ANY OTHER BUSINESS

# ADJOURNMENT

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

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***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.*