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

**Virtual Meeting – April 27, 2021 | 10am-12pm 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-2021-00047R000, Meeting notes from the April 12, 2021, IP-NNI TF virtual meeting

# REVIEW OF ACTION ITEMS FROM PREVIOUS MEETINGS

* 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

\*Highlighted items were deferred from the IP-NNI TF meeting on April 12, 2021

# PTSC-LB-260, DRAFT PROPOSED ATIS STANDARD, STUDYOF FULL ATTESTATION ALTERNATIVES FOR ENTERPRISES AND BUSINESS ENTITIES WITH MULTI-HOMING AND OTHER ARRANGEMENTS (ATIS-1000089.v002)

* PTSC-2021-00023R000 / IPNNI-2021-00050R000, Closing letter for PTSC-LB-260
* IPNNI-2021-00048R000, ATIS editorial updates
* Neustar comment
* PTSC-2021-00022R000, iconectiv comments

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

* IPNNI-2021-00021R003, Signature-based Handling of Asserted information toKENs (SHAKEN) (Baseline)
* IPNNI-2021-00054R000, Neustar LB document review against -00022R003
* IPNNI-2021-00055R000, Proposed Editorial Updates to the ATIS-1000074v002 Baseline

# ROBO-METRICS

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

# SHAKEN ROADMAP

* IPNNI-2020-00084R003, SHAKEN Roadmap (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 VERIFICATION TOKEN USE CASES

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

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

* IPNNI-2021-00026R001, 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-2021-00004R003, LEveraging Model for Originating eNtity Authentication – full aTtestation With an entity Identity in a Secure Token (LEMON TWIST) (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)

# 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

# TECHNICAL REPORT ON GOVERNANCE AND MANAGEMENT CONSIDERATIONS FOR DELEGATE CERTIFICATES

* IPNNI-2021-00015R001, Technical Report on Governance and Management Considerations for Delegate Certificates

# DRAFT ANALYSIS OF SUPPORT OF RFC 8197 (UNWANTED) AND RFC 8688 (REJECTED) IN VOIP NETWORKS

* IPNNI-2021-00027R002, Draft Analysis of Support of RFC 8197 (Unwanted) and RFC 8688 (Rejected) in VoIP Networks (revmarked baseline)
* IPNNI-2021-00052R000, Joint contribution by Google, Microsoft, Telnyx, & Twilio

# ATIS-1000092.v002, SHAKEN DELEGATE CERTIFICATES

* IPNNI-2021-00029R003, Draft baseline for ATIS-1000092.v002, *SHAKEN Delegate Certificates* (baseline)
* IPNNI-2021-00041R000, Security Management Considerations of “TNAuthList by Reference” Proposed Updates to ATIS-1000092
* IPNNI-2021-00045R000, Proposed edits to SHAKEN Delegate Certificates

# ATIS-1000080.v004, SHAKEN GOVERNANCE MODEL & CERTIFICATE MANAGEMENT

* IPNNI-2021-00006R004, Draft baseline for ATIS-1000080.v004, *SHAKEN Governance Model and Certificate Management* (baseline)
* IPNNI-2021-00046R000, Impacts of certificate profile changes
* IPNNI-2021-00042R001, Proposed updates to baseline

# OTHER CONTRIBUTIONS

* IPNNI-2021-00037R000, SHAKEN: International Attestation and Certificate Framework
* IPNNI-2021-00043R000, Proposed edits to SHAKEN: International Attestation and Certificate Framework
* IPNNI-2021-00044R001, Proposed updates to ATIS-1000085.v002, *Signature-based Handling of Asserted information using toKENs (SHAKEN): SHAKEN Support of “div” PASSporT*
* IPNNI-2021-00053R000, SHAKEN: Enterprise Identity and Telephone Number (TN) allocation utilizing Distributed Ledger Technology for Originating Service Provider (OSP) Attestation

# REVIEW OF ISSUE STATUS/TARGET RESOLUTION DATES

* IPNNI-2021-00018R003, *IP-NNI Document Tracker*
* IPNNI-2020-00003R002, *SHAKEN for Public Safety Tracking Document*

# FUTURE WORK/ASSIGNMENTS/MEETINGS

Virtual meetings:

* TBD
* PTSC: May 11-13, specific times TBD

# ANY OTHER BUSINESS

# ADJOURNMENT

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