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| **TITLE:** | ATIS/SIP Forum IP-NNI TF Meeting Notes, October 5, 2021 |
| **SOURCE:** | Anna Karditzas, Committee Coordinator, akarditzas@atis.org |
| **LEADER(S):** | IP-NNI TF Co-Chair: Martin Dolly, AT&T (md3135@att.com)IP-NNI TF Co-Chair: Chris Wendt, Comcast (chris\_wendt@comcast.com) |

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**ATIS/SIP Forum IP-NNI TF**

**Virtual Meeting – October 5, 2021 | 10am-12pm ET**

**Meeting Notes**

# WELCOME & CALL TO ORDER

Martin Dolly (AT&T), IP-NNI TF Co-Chair, called the meeting to order and welcomed participants at 10:04 AM ET on October 5, 2021.

# INTRODUCTIONS & SIGN IN

The meeting participants are listed below:

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# REVIEW & APPROVAL OF AGENDA

The agenda was made available to participants via ATIS Workspace (AWS) as IPNNI-2021-00095R001. The agenda was approved as posted.

# ATIS OP, IPR, ANTITRUST AND 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.*

It was asked if there were any patents to identify or disclose at this time. There were no patent disclosures made by the attendees.

# APPROVAL OF PREVIOUS MEETING NOTES

* IPNNI-2021-00092R000, Meeting notes from the September 13, 2021, IP-NNI TF virtual meeting

It was noted that there were no questions or comments regarding these meeting notes and they were accepted, without objection, as published.

# REVIEW OF ACTION ITEMS FROM PREVIOUS MEETINGS

* **Action Item:** Participants are to review the ATIS-1000082.v002 baseline in preparation for letter ballot approval at the next IP-NNI TF meeting on October 5, 2021.

This Action Item was closed. It was noted that this contribution was intended to introduce the centralized database approach, as well as the use of an API and tags. Since then, there have been multiple implementations of this concept. A proposal was made to make this document historic, as it has already fulfilled its purpose. It would be more efficient to refer to 3GPP TS 23.229, rather than have a separate ATIS document.

* **Action Item:** Participants should review and discuss 603/607/608 codes and then make reference to this contribution (IPNNI-2021-00087R000).

Discussion of this Action Item was deferred to later in the agenda.

* **Action Item:** Martin Dolly (AT&T) will coordinate with Jurgen Axell (Ericsson) to solidify work on SIP RPH signing in support of emergency calling.

This Action Item remains open and is ongoing.

* **Action Item:** Participantswill provide misalignments between 3GPP and the IP-NNI TF to Martin Dolly (AT&T) in writing.

This Action Item remains open and is ongoing.

# IP-NNI TOPIC DISCUSSION

# PTSC-LB-266, draft proposed ATIS Standard, SHAKEN: Governance Model and Certificate Management (ATIS-1000080.v004)

* 1. **PTSC-2021-00066R000 / IPNNI-2021-00093R000, Closing letter for PTSC-LB-266**

The closing letter was noted for information.

* 1. **PTSC-2021-00063R000, Inteliquent comments**

Doug Bellows (Inteliquent) presented these letter ballot comments.

**Agreement Reached:** These letter ballot comments from Inteliquent were resolved and accepted.

* 1. **PTSC-2021-00064R000, Neustar comments**

Ken Politz (Neustar) presented these letter ballot comments.

**Agreement Reached:** These letter ballot comments were confirmed to be non-substantive and accepted.

Neustar’s vote has been changed to Yes, and a written confirmation will be sent to ATIS staff.

* 1. **PTSC-2021-00065R000, Comcast comments**

David Hancock (Comcast) presented these letter ballot comments.

**Agreement Reached:** These letter ballot comments were confirmed to be non-substantive and accepted.

**Agreement Reached:** All letter ballot comments were addressed and this baseline was approved for publication.

# Robo-Metrics

* 1. **IPNNI-2021-00075R000, STIR/SHAKEN Metrics (Baseline)**

This is the approved baseline, which was accepted at the IP-NNI TF meeting on June 7, 2021.

# SHAKEN Roadmap

* 1. **IPNNI-2020-00084R003, SHAKEN Roadmap [baseline]**

This is the approved baseline, which was accepted at the IP-NNI TF meeting on May 18, 2020.

# Best Current Practices on the protection of STIR/SHAKEN data between service providers and from service providers to enterprises

* 1. **IPNNI-2019-00055R000, Best Current Practices on the protection of STIR/SHAKEN data between service providers and from service providers to enterprises (Baseline)**

This is the approved baseline.

# ATIS-1000082.v002, Technical Report on SHAKEN APIs for a Centralized Signing and Signature Validation Server

* 1. **IPNNI-2020-00128R000, ATIS-1000082.v002, Technical Report on SHAKEN APIs for a Centralized Signing and Signature Validation Server**

This is the approved baseline, which was accepted during the IP-NNI TF meeting on August 12, 2020.

This baseline has been withdrawn per request of the Chair.

# ATIS-1000085.v003, SHAKEN Support of “div” PASSporT Token

* 1. **IPNNI-2021-00084R001, Draft baseline for ATIS-1000085.v003, *SHAKEN Support of “div” PASSporT Token***

This is the approved baseline, which was accepted during the IP-NNI TF meeting on July 12, 2021.

* 1. **IPNNI-2021-00094R000, Proposed contribution to ATIS-1000085.v003 draft baseline**

David Hancock (Comcast) presented this contribution, which proposes updates to the baseline reflecting comments received from Charter.

**Agreement Reached:** This contribution was accepted as modified in -00094R001 for incorporation into the baseline.

* 1. **IPNNI-2021-00096R000, “div” transition**

Robert Dianda (Charter) presented this contribution, which proposes additional changes for the transition to ubiquitous “div” support.

Discussion of this contribution will be continued offline, due to time constraints. This contribution will be revisited at the next IP-NNI meeting.

# ATIS-1000092.v002, SHAKEN Delegate Certificates

* 1. **IPNNI-2021-00029R009, Draft baseline for ATIS-1000092.v002, *SHAKEN Delegate Certificates* (baseline)**

This is the approved baseline, which was accepted during the IP-NNI TF meeting on July 12, 2021.

* 1. **IPNNI-2021-00029R010, Draft baseline for ATIS-1000092.v002, *SHAKEN Delegate Certificates* (revmarked)**

This is the revmarked baseline that incorporates the changes contained in -00071R002, which was accepted during the IP-NNI meeting on June 21, 2021.

* 1. **IPNNI-2021-00029R011, Draft baseline for ATIS-1000092.v002, *SHAKEN Delegate Certificates* (clean)**

This is the clean version of -00029R010.

**Agreement Reached:** This contribution was accepted as the clean baseline.

# Methods to Determine SHAKEN Attestation Levels Using Enterprise-Level Credentials and Telephone Number Letter of Authorization Exchange

* 1. **IPNNI-2020-00035R002, Methods to Determine SHAKEN Attestation Levels Using Enterprise-Level Credentials and Telephone Number Letter of Authorization Exchange (Baseline)**

This is the approved baseline, which was accepted at the IP-NNI TF meeting on July 13, 2020.

# Central TN Database Approach to Full Attestation for Enterprises with Multi-Homing and/or Multi-Tenancy

* 1. **IPNNI-2021-00026R001, Central TN Database Approach to Full Attestation for Enterprises with Multi-Homing and/or Multi-Tenancy (Baseline)**

This is the accepted baseline, which was accepted during the IP-NNI TF meeting on February 25, 2021.

# Leveraging Model for Originating eNtity authentication – full aTtestation With an entity Identity in a Secure Token (LEMON-TWIST)

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

This is the approved baseline, which was accepted during the IP-NNI meeting on January 21, 2021.

# VoIP Interconnection over the Public Internet

* 1. **IPNNI-2021-00059R000, VoIP Interconnection over the Public Internet**

This is the approved baseline, which was accepted during the IP-NNI TF meeting on May 13, 2021.

# SHAKEN Authority Models

* 1. **IPNNI-2020-00166R000, Signature-based Handling of Asserted information using toKENs (SHAKEN): Authority models**

This is the approved baseline, which was accepted during the IP-NNI meeting on November 12, 2020.

# Technical Report on Governance and Management Considerations for Delegate Certificates

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

This is the approved baseline, which was accepted during the IP-NNI TF meeting on January 21, 2021.

# Draft Analysis of Support of RFC 8197 (Unwanted) and RFC 8688 (Rejected) in VoIP Networks

* 1. **IPNNI-2021-00027R003, Draft Analysis of Support of RFC 8197 (Unwanted) and RFC 8688 (Rejected) in VoIP Networks (revmarked baseline)**

This is the approved revmarked baseline, which was accepted during the IP-NNI TF meeting on June 7, 2021.

* **IPNNI-2021-00087R000, Alternating routing on 607/608**

This contribution was initially deferred from the IP-NNI TF meeting on September 13, 2021, and will be discussed at the IP-NNI TF meeting on October 20, 2021.

# SHAKEN: International Attestation and Certificate Framework

* 1. **IPNNI-2021-00058R000, Proposed edits to SHAKEN: International Attestation and Certificate Framework (baseline)**

This is the approved baseline, which was accepted during the IP-NNI TF meeting on June 7, 2021.

# Other Contributions

* **IPNNI-2021-00085R002, Proposed edits to certificate profile in ATIS-1000080.v004**

This contribution was initially deferred from the IP-NNI TF meeting on September 13, 2021, and will be discussed at the IP-NNI TF meeting on October 20, 2021.

# REVIEW OF ISSUE STATUS/TARGET RESOLUTION DATES

* IPNNI-2021-00018R013, *IP-NNI Document Tracker*

This contribution was not discussed.

* IPNNI-2020-00003R002, *SHAKEN for Public Safety Tracking Document*

This contribution was not discussed.

# FUTURE WORK/ASSIGNMENTS/MEETINGS

The following virtual meetings were noted:

* October 20, 10am-12pm ET

# ANY OTHER BUSINESS

There was no other business to discuss.

# ADJOURNMENT

Mr. Dolly thanked participants for attending and adjourned the meeting at 12:01 PM ET on October 5, 2021.

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Notes submitted by:

Anna Karditzas, ATIS Committee Coordinator